

# 2024-2025

# Academic Catalog



*Leadership  
Begins  
Here*



**UNITED TRIBES  
TECHNICAL COLLEGE**

# Academic Catalog

## 2024-2025

### Message from the President

*Leadership Begins Here*

*Hau' Mitakiyapi na Mikodapi (Hello my relatives and friends):*



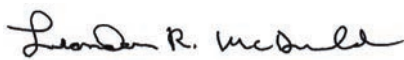
On behalf of the Board of Directors, administration, and staff, I welcome you to the United Tribes Technical College (UTTC) campus! UTTC is recognized as the second tribal college and university in the Nation, and we are honored that you are attending our institution. UTTC was established by the five tribal Nations in the State of North Dakota to address workforce development and higher education needs for our people. UTTC is in our 55th year of service to the United Tribes of North Dakota, the Great Plains, and Indian Country.

All certificates, associate of applied science, associate of science, and baccalaureate, programs are aligned with North Dakota and the Great Plains tribal and non-tribal workforce needs to further enhance students' employment opportunities upon graduation. UTTC is fully accredited through the Higher Learning Commission until 2030 to include the provision of online programs of study and continues to collaborate with the North Dakota Tribal College System (NDTCS), and the North Dakota University System (NDUS), to enrich a seamless transfer between tribal and state colleges.

Ongoing campus street improvements and facility renovations may create access issues during the beginning of the fall semester; however, the end result will be a more modern learning and social environment for our students and employees. The IT infrastructure updates are complete with all areas of campus served by hardware or by WIFI services to enhance online instruction and internet accessibility to enhance your academic experience. Fiberoptic, geothermal heating/cooling, and enhanced safety and security, initiatives ensure a safe environment for students and student families who live here or the employees that work here in the UTTC campus community.

We encourage you to consider joining student led organizations such as the Student Government Association (SGA), American Indian Science and Engineering Society (AISES), American Indian Business Leaders (AIBL), or other student organizations, to further enhance your academic experience. UTTC is here to support you as a student, and we are committed to providing a quality educational experience that will serve you throughout your career. We are excited and honored to have you here, and we wish you tremendous academic success!

Hecetu (so be it)



Leander R. McDonald, PhD

Mahto Zso Zso - Whistling Bear

*(Ihanktowan/Hunkpapa/Sahnish/Hidatsa)*

President



UNITED TRIBES<sup>®</sup>  
TECHNICAL COLLEGE

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Bismarck, ND 58504

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Fax: (701) 530-0605

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1-888-643-8882

**Admissions & Recruitment:**

Phone: 701.221.1860

**Bookstore:**

Phone: 701.221.1460

**Financial Aid:**

Phone: 701.221.1865

**Housing:**

Phone: 701.221.1513

**Registrar's Office:**

Phone: 701.221.1871

**Library:**

Phone: 701.221.1782

**Security Department:**

Phone: 701.221.1300

*Check for catalog updates at [www.uttc.edu](http://www.uttc.edu)*



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TECHNICAL COLLEGE

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# 2024-2025 Academic Calendar



UNITED TRIBES®  
TECHNICAL COLLEGE

## Fall 2024

**August 1** .....  
Family Housing Check-In

**August 9** .....  
App Deadline for 2024 Fall Semester

**August 19** .....  
UTTC Employee Family Fun Day

**August 20-21** .....  
UTTC All Campus Pro. Dev.

**August 21** .....  
FAFSA Deadline for Continuing Students for Native American Tuition Waiver

**August 21** .....  
Deadline to be Admitted for 2024 Fall Semester – 12 Noon CST

**August 21** .....  
New Student Orientation and Accuplacer Testing Due – 12 CST

**August 21** .....  
TJES First Day of School

**August 22** .....  
Daycares Open for the Semester

**August 22** .....  
Dorm Check-In

**August 23** .....  
Registration Deadline for 2024 Fall Semester

**August 26** .....  
Self-Pay or Proof of Payment for Fall Semester Due – 5 pm CST

**August 26-30** .....  
New Student Welcome Week

**August 27** .....  
First Day of Classes

**September 2** .....  
Labor Day Holiday (College Closed)

**September 4** .....  
Last day to add courses or drop without a record (Census Date) – 5 pm CST

**September 4** .....  
Last day to change degree programs (Census Date) – 5 pm CST

**September 3-5** .....  
Tribal Leaders Summit

**September 6** .....  
Family Day at Powwow (No Classes) (Daycares close at noon)

**September 6-8** .....  
UTTC International Powwow

**September 9** .....  
Founders Day Holiday (UTTC Closed)

**September 17** .....  
U.S. Constitution Day

**September 25** .....  
Career Festival

**October 14** .....  
Indigenous Day Holiday (UTTC Closed)

**October 18** .....  
Midterm Grades Due

**October 18** .....  
Spring Registration Hold for Student Accounts Exceeding \$750

**October 21** .....  
Reg. Opens for Spring Semester

**November 8** .....  
Last day to withdraw from term or course with a 'W' grade on transcript

**November 11** .....  
Veterans Day Holiday (UTTC Closed)

**November 27** .....  
No Afternoon Classes - Daycares Close at Noon

**November 28-29** .....  
Thanksgiving Break (College Closed – Nov. 28, No Classes – Nov. 29)

**December 9-13** .....  
Last Week of Classes/Final Exams

**December 16** .....  
Final Grades Due – 5 pm CST

**December 16** .....  
Family Housing Check-In for Spring Semester

**December 17-18** .....  
UTTC All Campus Prof. Development

**December 18** .....  
Daycares Close for Holiday Break

**December 18** .....  
Last day of school at TJES for Holiday Break

**December 20** .....  
Academic Suspension Appeals for Fall Semester Due

**December 20** .....  
Application Deadline for 2025 Spring Semester

**December 20** .....  
Dorm Check Out

**December 25** .....  
Christmas Day Holiday (UTTC Closed)

## Spring 2025

**January 3** .....  
Deadline to be Admitted for 2025 Spring Sem. – 12 Noon CST

**January 6** .....  
TJES Starts School

**January 7** .....  
Daycares Open for the Semester

**January 7-8** .....  
UTTC All Campus Professional Development

**January 9** .....  
Dorm Check-In

**January 10** .....  
Registration Deadline for 2025 Spring Semester

**January 13** .....  
Self-Pay or Proof of Payment for Spring Semester Due – 5 pm CST

**January 13-17** .....  
New Student Welcome Week

**January 14** .....  
First Day of Classes

**January 20** .....  
Martin Luther King Day Holiday (College Closed) – No School for TJES

**January 22** .....  
Last day to add courses or drop without a record (Census Date) – 5 pm CST

**January 22** .....  
Last day to change degree programs (Census Date) – 5 pm CST

**February 17** .....  
President's Day Holiday Observed (College Closed)

**March 7** .....  
Mid-term Grades Due

**March 8-12** .....  
2025 AIHEC Student Conference

**March 10-14** .....  
Spring Break (Daycares closed)

**March 14** .....  
Summer & Fall Registration Hold for Student Accounts Exceeding \$750

**March 17** .....  
Registration Opens for Summer and Fall Semesters

**April 16** .....  
Career Festival

**April 4** .....  
Last day to withdraw from term or course with a 'W' grade on transcript

**April 17** .....  
Application Deadline for 2025 Summer Semester

**April 18** .....  
Good Friday Holiday (UTTC Closed)

**April 25** .....  
Spring Graduation Applications Due

**April 26** .....  
UTTC Sobriety 2024-2025 Graduation Honoring Powwow

**April 28** .....  
Family Housing Check-In for Summer Semester

**April 28 – May 2** .....  
Last Week of Classes/Final Exams

**May 2** .....  
Deadline to be Admitted for 2025 Summer Sem. – 12 Noon CST

**May 5** .....  
Final Grades Due – 5 pm CST

**May 6-7** .....  
UTTC All Campus Pro. Development

**May 9** .....  
UTTC Spring Commencement – 10 am CST (Daycares closed)

**May 9** .....  
Academic Suspension Appeals for Spring Semester Due

**May 12** .....  
Dorm Check-Out

Check for catalog updates at [www.uttc.edu](http://www.uttc.edu)



# Board of Directors

United Tribes Technical College is a nonprofit corporation owned and governed by the five Indian tribes located wholly or in part within the state of North Dakota. UTTC's governing body is a ten-member board of directors made up of the tribal chairperson and one representative from the tribal councils of each of the five reservations.

## Three Affiliated Tribes



**Chairman**  
Mark Fox  
**Councilman**  
Mervin Packineau

## Spirit Lake Tribe



**Chairwoman**  
Lonna Jackson-Street  
**Councilwoman**  
Rena Little-Lohnes

## Turtle Mountain Band of Chippewa Indians



**Chairman**  
Jamie Azure  
**Councilman**  
Chad Counts

## Sisseton-Wahpeton Sioux Tribe



**Chairman**  
J. Garret Renville  
**Council Woman**  
Gabriel Kampeska

## Standing Rock Sioux Tribe



**Chairwoman**  
Janet Alkire  
**Councilman**  
Charles Walker

# Mission and Vision

## Mission

United Tribes Technical College provides quality post-secondary education and training to enhance knowledge, diversity, and leadership for all indigenous nations.

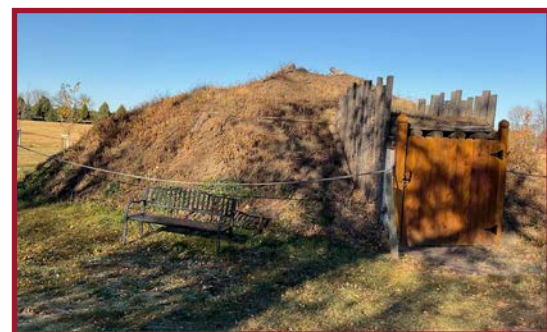
## Vision

United Tribes Technical College strives to build cultural, educated, and healthy leaders who empower and serve their communities.

# Cultural Vibrancy Statement

United Tribes Technical College values cultural vibrancy because it enriches the community and wealth of experiences that characterize a post-secondary education. Our students, faculty, and staff come from Tribal lands throughout the United States and Canada. Most of our students come from the northern plains region of the country, with approximately 70% representing the North Dakota tribes.

UTTC recognizes that cultural vibrancy encompasses much more than race, ethnicity or geography. Because students from many tribal nations are represented at UTTC, from a wide range of cultural and ethnic backgrounds, students are encouraged to share their own cultural practices, traditions and beliefs in the classroom to build a culturally responsive and welcoming community for all individuals and one from which we can learn from one another. We believe engagement with varied perspectives and ideas is critical to the education and growth of all people, and we value the unique experiences and viewpoints of all our community members.



Check for catalog updates at [www.uttc.edu](http://www.uttc.edu)

# Accreditation



Accreditation is a voluntary process of external review that evaluates programs, colleges and universities to ensure they provide high-quality education and services and continuously seek to improve. This process provides assurance to the public that United Tribes Technical College (UTTC) meets, and will continue to meet, clearly communicated criteria and regulations. Accreditation also ensures faculty and students are eligible for federal grants and other funding. UTTC was granted candidacy status for accreditation by the North Central Association of Colleges and Schools in 1978. In 1982, UTTC was granted full accreditation status and has maintained continuous accreditation status since that time. The most recent comprehensive evaluations was November 2020. The next reaffirmation of accreditation is scheduled for 2030-2031.

UTTC also has programs that are individually accredited by the following discipline-specific accrediting bodies:

- ASE Education Foundation
- North Dakota Education Standards and Practices Board (ND ESPB)



# United Tribes Technical College Institutional Learner Outcomes



## Graduates of UTTC will...

- 1. Exhibit effective oral and written communication. (Communication)**
  - a Organize various types of communication
  - b Articulate content knowledge
  - c Demonstrate appropriate delivery (i.e. body language, tone, voice)
  - d Apply mechanics of writing (standard grammar, punctuation, spelling)
- 2. Employ critical thinking skills. (Critical Thinking)**
  - a Identify and define key issues
  - b Determine information needed, find and cite relevant information
  - c Integrate other relevant points of view of the issue
  - d Evaluate supporting information and evidence
  - e Construct appropriate and defensible reasoning to draw conclusions
- 3. Develop solutions to mathematical problems (Quantitative Reasoning)**
  - a Analyze and interpret quantitative information to make connections
  - b Apply quantitative concepts and skills to solve real world problems
  - c Demonstrate the use of analytical methods for problem solving
- 4. Demonstrate skills necessary for living and working in a global society. (Personal & Social Responsibility)**
  - a Identify themselves as contributing members of the campus community
  - b Demonstrate they are prepared to learn, regularly attend class, complete assignments on time, and demonstrate other positive work habits that contribute to achieving career pathway goals
  - c Model confidence and the ability to work through life challenges through effective planning and prioritizing
  - d Believe in their ability to accomplish challenging tasks and that with effort, their ability can grow
  - e Exhibit knowledge of diverse cultures, identities and societies

Check for catalog  
updates at  
[www.uttcc.edu](http://www.uttcc.edu)

# Family Educational Rights and Privacy ACT (FERPA)

Under the terms of FERPA, United Tribes Technical College has established the following as directory information and may be released to those requesting it unless the student specifically requests otherwise on the form provided or by submitting written notification to the Office of the Registrar:

1. Student Name
2. Local Address/Phone
3. Permanent Address/Phone
4. E-mail Address
5. Date and Place of Birth
6. Hometown
7. Degrees and Awards Received & Dates
8. Dates of Attendance (Current and Past)
9. Full or Part-time Enrollment Status
10. Participation in Officially Recognized Activities
11. Participation in Officially Recognized Sports

12. Weight/Height of Member of Athletic Teams
13. Most Recently Attended Education Institute
14. Major Field of Study
15. Academic Level
16. Residency Status
17. Photographs

With the exception of security reports, all other information may not be released without written consent of the student. Grades, social security numbers, ethnic background and student schedules may not be released to anyone other than the student — and never over the phone.

**NOTE:** Students are given the opportunity to restrict directory information each year. If the student restricts the release of directory information, a notation of “n” is placed on the directory information and no information can be released on that student without further written permission from the student. Appropriate faculty/staff response: “There is no information available from that person.”

Any questions concerning FERPA may be referred to the Office of the Registrar.



Check for catalog updates at [www.uttc.edu](http://www.uttc.edu)

# History of United Tribes Technical College

Enter United Tribes Technical College and you're on Indian land. This 200-acre campus along Bismarck's University Drive is owned and governed by the tribal nations of North Dakota. American Indian students are joined by students of all racial and ethnic backgrounds and welcomed into this family learning environment in a place of historical significance.

## Tribal Homeland

UTTC is the site of a former military post. But long before the first brick buildings took shape in 1900, this was open prairie. Wooded ravines nearby and fertile bottomlands sustained the Mandan and Hidatsa People. Earth lodge villages, hunting sites and sacred places dotted the landscape of the Missouri River Valley near Apple Creek.

## Military Post

Unmistakable on the UTTC campus today are the parade grounds and brick buildings of Fort Lincoln. This was the second Fort Lincoln in the area. Custer and his 7th Cavalry were at the first Fort Lincoln south of Mandan, not here.

Bismarck's Fort Lincoln served on and off through the first half of the 20th Century. Periodically troops were garrisoned, assembled, trained and mobilized here. In 1917, the post was a busy assembly center for North Dakota National Guard troops departing for World War One in Europe.

Bismarck citizens welcomed the post, accepting the troops and officers into the community with civic events and activities, and by lobbying to continue the flow of federal resources into the local economy.



Construction of Bismarck's Fort Lincoln began in 1900

## Internment Camp

During World War Two, Fort Lincoln was tapped for another purpose. In 1941 a portion was cordoned off with 10-foot-high cyclone fences topped with barbed wire and fortified by guard towers. The fort became an internment camp operated by the U.S. Justice Department. Locked here were only men; most were citizens of Germany and Japan. However, some prisoners in 1945 were Japanese American U.S. Citizens, who had lawfully protested their confinement in other camps. Their incarceration tied Fort Lincoln to the unjust treatment of select groups targeted by race and ethnicity. In the Japanese American community, Fort Lincoln became known as "Snow Country Prison."



Fort Lincoln Internment Camp era 1941-1946

## Post-War Era

After the war, Fort Lincoln continued in government service. It became the U.S. Army Corps of Engineers headquarters for planning Garrison Dam on the Missouri River, a public works project that flooded tribal land, devastating citizens of the Mandan/Hidatsa/Arikara Nation at Fort Berthold.

In 1964, the fort became surplus property and was later remodeled and used as a Job Corps training center, and later by the Peace Corps.



Check for catalog updates at [www.uttc.edu](http://www.uttc.edu)





## College Bound

The start of United Tribes Technical College was rooted in the vision and activism of tribal leaders in the 1960s. Faced with threats to tribal sovereignty and the need for training and jobs development, the tribes of North Dakota incorporated in 1968, did some lobbying of their own, and obtained the fort for education and training. Classes began in September 1969. Thus, it became the second tribal college in the nation and one of the founding institutions of the nationwide American Indian Higher Education Consortium.

Because several tribes were involved, UTTC holds the distinction of being the first intertribally-controlled and operated postsecondary vocational school in the nation. The governing tribes are located wholly or in part in North Dakota: Mandan/ Hidatsa/ Arikara Nation, Spirit Lake Tribe, Sisseton-Wahpeton Oyaté, Standing Rock Sioux Tribe and Turtle Mountain Band of Chippewa Indians.



United Tribes Educational Training Center dedicated Sept. 6, 1969

## College Progress

United Tribes was formed as a supportive campus-community, where students could maintain their culture and build on their experience as tribal people, as they acquired an education leading to employment and life-long opportunities. A hallmark has been the ability to identify and respond to the changing needs for jobs training and education. In 1982, the college attained full membership accreditation with the Higher Learning Commission of the North Central Association of Colleges and Schools, maintaining its good standing ever since. The college's first associate degrees were

offered in 1987. Accreditation followed for all of the college's associate level programs in 1993. Tribal College Land Grant status was conferred in 1994. UTTC was the first tribal college in the nation to receive accreditation to offer associate degrees online. Bachelor's degree programs now round out the offerings that make UTTC one of the leading tribal colleges in the nation.

## Transformation

Today, the UTTC campus features modern educational buildings and equipment. The historic setting is transformed, serving students from tribes all across the country and non-Native students. The college continues to enjoy community support as an economic input, cultural asset, and historic site.

Thousands at UTTC have been successful in this learning environment, demonstrating that education is the highest and best use of a one-time military fort in the tribal homeland.



Students from all racial and ethnic backgrounds attend UTTC



UTTC's Itancan (Leadership) Hall is a modern dorm facility amid historic buildings



Drum circle of the Snow Country Prison Japanese American Memorial, in the courtyard of the UTTC Education Building

Photos from UTTC-Library Archive

For more information: Library - United Tribes Technical College ([uttc.edu](http://uttc.edu))

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# 2024-2025

# General Information



- ✓ General Information
- ✓ Disclaimer
- ✓ UTTC Land Grant
- ✓ Copyright Policy

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**UNITED TRIBES  
TECHNICAL COLLEGE**

# General Information

This catalog is published by United Tribes Technical College to provide information concerning the College. Any part of this publication is subject to change and should not be construed as a binding obligation with United Tribes Technical College. For updated information about UTTC go to [www.uttc.edu/academics](http://www.uttc.edu/academics).

## Accessibility

The major student facilities, dorms, and instructional buildings in use at UTTC are accessible to the physically challenged. In those instances in which services or instruction are given in buildings that are not accessible, accommodations will be made to assure that the needs of individual students are met.

## Chapel Services

UTTC has a nondenominational chapel on campus. Sunday church services include Episcopal, All Nation's Christian Fellowship, and Catholic mass. Prayer services, fellowship, and bible studies are held on weekday evenings.



## Drug and Alcohol Policies

UTTC enforces a no alcohol or drug policy on campus. Students, faculty, staff and visitors will not engage in the unlawful manufacture, distribution, dispensation, possession, or use of controlled substances during their term at

UTTC. Additional information regarding the UTTC drug and alcohol policy is located in the Student Code of Conduct section found in the Student Handbook.

## Tobacco Free Campus Policy

Commercial tobacco is defined to include any product that contains tobacco, is manufactured from tobacco, or contains nicotine. This excludes any FDA approved nicotine replacement therapy. "Smoking" means inhaling, exhaling, burning, or carrying any lighted or heated cigar, cigarette, or pipe, or any other lighted or heated tobacco or plant product intended for inhalation, in any manner or in any form. Smoking also includes the use of an e-cigarette which creates a vapor, in any manner or any form, or the use of any oral smoking device for the purpose of circumventing the prohibition of smoking.

For information about the complete policy, refer to the UTTC website.

## Equal Opportunity/ Affirmative Action

United Tribes Technical College is an equal opportunity, affirmative action employer that does not discriminate on the basis of race, color, national origin, sex, religious preference, or membership or non-membership, except as allowed by the Indian preference provision of the Civil Rights ACT of 1964, as amended.

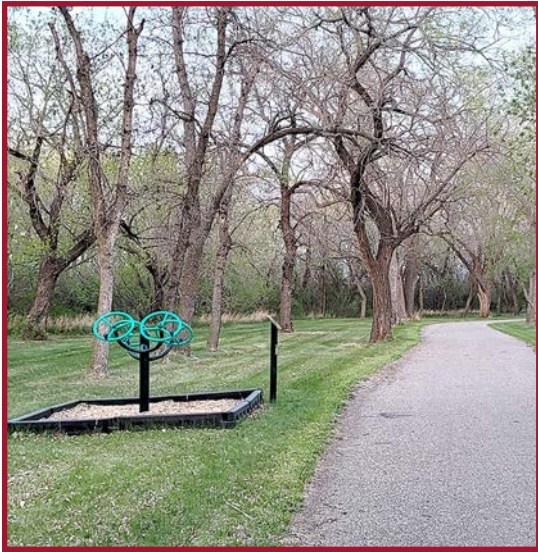
Further, UTTC does not discriminate in its admissions, access to and conduct of educational programs and activities. Discrimination is prohibited on the basis of race, sex, color, national origin, religion, age, handicap, or marital and parental status. For more information regarding non-discrimination policies, contact: UTTC Director of Human Resources, 3315 University Drive, Bismarck, ND 58504, 701-255-3285.

## Disclaimer

Terms, conditions, fees, course offerings, admissions, graduation requirements, Academic Calendar and regulations affecting the student body set forth in the catalog are in accordance with information available at the time of publication. United Tribes Technical College (UTTC) reserves the right to change these conditions when necessary.

If UTTC decides to terminate a degree program, students enrolled in that program will be provided written notice. Students will be afforded a set time for program

completion, determined through a “teach out” plan established by the College and the academic department that offered the degree program.



## Facilities Management

Maintenance, custodial, and transportation are combined components of the Facilities Department. Facilities provides maintenance and custodial services throughout the entire campus. If there is a problem in the dorm or housing that needs attention contact the Housing Director, Housing Administrator, or Resident Service Administrator and a work order will be submitted. After hours, emergency on-call services are available by contacting the UTTC Security Office at (701) 221-1700.

The Transportation Department makes scheduled trips to the supermarkets and malls. Children attending high school in Bismarck are transported daily.

Capital Area Transit (CAT) bus services run Monday through Saturday and stop at nine different scheduled times the hours between 6:30 am to 6:00 pm. The UTTC bus stops are located at the front gate on University Drive and the Wellness Center on campus. Middle school and high school students will be transported by Bismarck Public School busing services, after completing necessary paper work with the Bismarck school system.

## Theodore Jamerson Elementary School (TJES)

UTTC contracts with the Bureau of Indian Affairs Office of Indian Education Programs, to operate the elementary school. Theodore Jamerson Elementary School (TJES) is fully accredited with commendations by the North

Dakota Department of Public Instruction and exceeds the educational standards set by the Office of Indian Education Programs. TJES is also accredited by North Central Association of Schools. In addition to comprehensive educational services, TJES offers a variety of social, cultural, and athletic opportunities.

## UTTC Land Grant

The mission of the UTTC Land Grant programs is to improve the health and well-being of all citizens through stewardship of the land and culture, community building, and building life skills for individuals and families.

## UTTC Land Grant Extension

Extension educators offer hands-on workshops and classes in food, nutrition, gardening, money management and lifeskills. Opportunities for children include: planting their own raised garden bed, sampling and learning how to cook home grown vegetables. Adults participate in gardening projects and cooking classes, as well as having a family garden plot or raised bed for personal use. Through the promotion of healthy lifestyles; classes that explore healthy eating habits, food safety procedures, and good money management are offered.

To learn more about the Land Grant Extension programs, visit Land Grant personnel in the Skill Center. See all the resources available at <https://uttc.edu/land-grant-extension/>.

UTTC is a 1994 Land Grant College receiving support from the USDA National Institute of Food and Agriculture. The mission is to improve the quality of life through culturally appropriate and scientifically based education that will strengthen tribal communities, sustain natural resources, and promote healthy lifestyles for citizens of tribal nations.

## Workforce Innovation & Opportunity Act (WIOA)

The Workforce Innovation and Opportunity Act (WIOA) is a “Native American Program” as stated in Section 166 of the Workforce Innovation and Opportunity Act and receives grant funds directly from the Department of Labor (DOL). The WIOA program is under the authority of the Office of Workforce Investment, Division of Adult Services, and administered through the Division of Indian and Native American Programs (DINAP).

WIOA section 166 programs are designed



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to increase the labor participation rate among Indian and Native American (INA) individuals by providing career, training, and support services necessary to enter, reenter, or retain unsubsidized employment.

### Workforce Innovation and Opportunity Act (WIOA)

United Tribes Technical College  
3315 University Dr-Bldg.  
Building 200 - Skills Center  
Bismarck, ND 58504  
Phone: (701) 221-1412



### Jack Barden Center

The upper level of the Jack Barden Center (JBC) is home to Enrollment Management Services. This includes Admissions and Recruitment, Financial Aid, the Registrar's Office, and Career Services. The Housing Department is also located in this area. Prospective and current students are welcome to stop in anytime from 8 AM – 5 PM, Monday through Friday.

For more information, contact [Admissions@uttc.edu](mailto:Admissions@uttc.edu) or [HousingDept@uttc.edu](mailto:HousingDept@uttc.edu).

A computer lab and the Center for Academic Retention and Engagement (CARE) are located in the lower level of the JBC. The computer lab provides a quiet place for college students to work. It is open from 8 AM – 5 PM, Monday through Friday. The CARE Center offers walk-in peer tutoring, online tutoring supports and resources to support your learning. For more information, contact [Paige Jensen](mailto:PaigeJensen@uttc.edu), Student Activities and Retention Administrator, at [pjensen@uttc.edu](mailto:pjensen@uttc.edu).

### Art Gallery & Bookstore

The Art Gallery & Bookstore is open during regular business hours Monday through Friday to all students, staff and visitors.

The Art Gallery & Bookstore sells laptops, school supplies, and backpacks, which students may purchase out of pocket or charge to their student account if they are receiving Financial Aid. We also carry a wide variety of college branded apparel, including 'Thunderbird Gear', ranging in sizes from infant to 5X. If in search of a unique gift, please check out our gallery, with everything from Pendleton Blankets, Apparel, and Accessories, to handmade beadwork and paintings from local Native artists.

Students will order their textbooks online through the BNC Virtual UTTC Bookstore process. The step-by-step process may be found on the UTTC Bookstore webpage at <https://uttc.edu/bookstore/>.

The UTTC Art Gallery & Bookstore is located on the main campus, Building 10 on Sisseton Street. The bookstore personnel may be reached at [bookstore@uttc.edu](mailto:bookstore@uttc.edu) or at 701-221-1460.



### Information Technology Department

The United Tribes Technical College Information Technology (IT) department is on hand year-round to provide technology services and infrastructure support to UTTC faculty, staff, and students. With services such as networking, desktop applications, web services, telephone and more, the IT department strives to provide computer

and communications services to the campus community that are up-to-date, stable, and secure.

The IT office is located in the Skill Center. Students who need assistance with their email addresses can stop in anytime between 8 am and 5 pm. Students who need Help Desk Support may contact the IT Department by phone at 701-221-1600 or by email at [onlinetech@uttc.edu](mailto:onlinetech@uttc.edu)



## Library/Archive

The United Tribes Technical College Library is an integral part of the College. Although the UTTC Library staff welcomes all users, the Library collections and facilities are primarily intended for the College community. Every effort is made to provide access to materials that continually support the curriculum needs of the institution.

UTTC believes everyone served by the UTTC Library have access to accurate and comprehensive information. To ensure access, the Library staff provides instruction in information literacy through a variety of formats. Library instruction to promote information literacy skills for lifelong learning is offered to classes and individuals. Information literacy aids the patron in lifelong decision-making skills and enhances lives and culture of the community.

The UTTC Library is located in the Education Building. The Library's approximately 10,000 volumes are an integral part of the academic life of the College, supporting the vocational and academic programs through reference and research. It has a sizable Native American collection.

The library's holdings are in a searchable online catalog. This access is available 24 hours a day through both <https://uttc.edu/>

academics/academic-resources/library/ or on the MyUttc page. The computerized catalog provides online access to library resources, member regional libraries and to high-quality, subscription periodical databases with many full-text articles. Computer access links the UTTC Library to the major academic and public libraries in North Dakota. Resources not available locally may be requested through interLibrary loan. The College community is encouraged to utilize Library services and facilities. Remote access to UTTC Library services is permitted and encouraged.

The UTTC Archive serves as the focal location of the college's institutional memory. The holdings are materials of enduring value to the college, the college's governing tribes, Native People, and about the campus site near Bismarck, ND. Collected and maintained are historical and cultural materials, academic and accreditation records, curricula materials and other educational documents and resources, college administrative and operational files and papers, public information and events materials, and intertribal programs information and records.

These are in the form of hard copy papers and files, maps, books and booklets, photographs, audio and video recordings, digitized and digital documents and media, and some objects.

The Archive is located in the lower level of the Education Building. UTTC welcomes interest from alumni, family members, former faculty and staff, UTTC governing Tribes, Tribal People, Native organizations and associations, researchers and others. Contact the Library/Archive staff at [library@uttc.edu](mailto:library@uttc.edu) or 701-221-1782.

## Eligible Borrowers and Borrowing Privilege

The UTTC Library has a prime responsibility to serve the students, faculty, and staff of the College. The secondary mission of the Library is to provide materials and service to the patrons of the consortium libraries of Central Dakota Library Network (CDLN). Also, the UTTC Library supports service to the residents of North Dakota through ND networks systems.

A valid UTTC library card, which is the UTTC student ID card or CDLN member library card is required to check out materials. Applications are available at the Library circulation desk. UTTC online students can contact the librarian by telephone at (701) 221-1782 to apply for a library card.



Acceptance of a Library card signifies agreement to follow Library policies. Failure to adhere to the policies can result in a Library hold. UTTC Library card holders are responsible for any fines or fees incurred on their card from overdue or lost items from UTTC and /or CDLN member libraries. Patrons will not be able to get an official transcript until this Library hold is cleared. Patrons who are not in good standing at CDLN member libraries will be denied borrowing privileges at UTTC and all member libraries. UTTC patrons who are parents or guardians of Theodore Jamerson Elementary School (TJES) students are responsible for items checked out on their TJES Library card.

### Copyright Policy

The purpose of the UTTC Copyright Compliance Policy is to provide a summary of U.S. copyright law as it relates to the use of text-based copyright-protected works in the classroom, online and library at UTTC, and to provide guidelines and procedures for obtaining copyright permission to use these works.

U.S. copyright laws contain many gray areas, and the goal of this policy is to provide UTTC administrators, faculty, librarians, students, employees, and others with a standard approach for addressing complex copyright issues. This policy covers classroom issues such as photocopying, online and distance education, and course packs.

This policy provides practical advice and procedures on copyright-related matters;



however, it is not a substitute for legal advice, and proper legal advice should be obtained when necessary. Please initially contact the UTTC Library with copyright questions at: 701-221-1782.

### Photocopying for Students

The UTTC Library staff may make reproductions for library users (students, faculty, etc.), provided the following criteria are met:

- The library staff makes one reproduction of an article from a periodical or a small part of any other work.
- The reproduction becomes the property of the library user.
- The library staff has no reason to believe that the reproduction will be used for purposes other than private study, scholarship and research.

### Photocopying by Students

Photocopying by students is subject to a fair use analysis as well. A single photocopy of a portion of a copyright-protected work, such as a copy of an article from a scientific journal made for research, may be made without permission. Photocopying all the assignments from a book recommended for purchase by the instructor, making multiple copies of articles or book chapters for distribution to classmates, or copying material from consumable workbooks, all require permission.



# 2024-2025

# Student Support Services



- ✓ Admissions
- ✓ Financial Aid
- ✓ Student Accounts
- ✓ Registrar's Office
- ✓ Transfer Services
- ✓ Career Services
- ✓ CARE Center

*Leadership  
Begins  
Here*



**UNITED TRIBES  
TECHNICAL COLLEGE**





# Admissions

## Campus Visits

Anyone interested in attending UTTC is welcome to visit the campus at any time; prospective student tours begin in Enrollment Services on the second floor of the Jack Barden Student Life & Technology Center. Tours are available all year round from 9 am - 5 pm. To schedule a tour please contact the Admissions Office or complete the online form available at [www.uttc.edu](http://www.uttc.edu). UTTC Admissions will contact the requestor to confirm availability.

## Admissions Policy

United Tribes Technical College (UTTC) maintains an "open door" admissions policy and welcomes all qualified applicants. The College believes that every person who has a sincere interest in learning should be given the opportunity to do so; however, the general policy does not ensure admittance to a particular course of study or to all applicants. Some programs have limited enrollment and may have more stringent academic, medical, and legal requirements. Applicants must have earned a high school diploma or GED. Admittance priority is given to those who are members of a federally recognized tribe and who have demonstrated the ability to pay for their education. All applicants, including those returning to UTTC after an absence or following graduation, may be subject to a criminal background check.

## Admissions Procedure

The UTTC Admissions Office will consider all applicants for admission to UTTC and will process and review all applications. The Admissions Office makes all initial acceptance and denial decisions. Reviewed applications are referred to the Committee Review Team (Financial Aid, Student Accounts, and Campus Security) to certify that applicable standards have been met for registration.

A request for admissions will be considered after receipt of the online application and all required documents, as detailed in this procedure. The details of the procedure are as follows:

1. The Admissions Office will certify that the student's application file is received on time (per the academic calendar deadlines) and includes all required documents.
2. All students with a felony record will

be subject to a background check and security review prior to consideration for acceptance. The College reserves the right to refuse admission to any applicant with a criminal background. Any applicant found to have failed to disclose all or part of a criminal record is subject to suspension or expulsion if the failure is discovered after the applicant is admitted. An applicant who is a registered sex offender will not be admitted to any on-campus programs, but may be eligible for online programs. Criminal convictions of various kinds may bar a student entering into certain programs, including: Criminal Justice, Teacher Education, and any other program where a criminal record can hinder licensure or certification in that academic discipline.

*The Student Code of Conduct panel determines decisions regarding background checks and security reviews for admissions purposes. The background check process can take up to four (4) weeks for completion. Please be aware of the additional time needed to process applications with criminal convictions and all admissions deadlines.*

3. If all required documentation has been received, and all other admissions criteria is met, the applicant shall be eligible for admissions into UTTC.
4. All offers for admission are conditional based upon the completion of the final requirements identified in the student's acceptance letter, which must be complete prior to registering for classes. The Committee Review Team will verify that all requirements have been met, including a completed FAFSA and Student Account Review. An admissions hold will remain in effect until the final requirements are complete.

**NOTE:** *The Elementary Education BS degree program has separate admissions requirements in addition to the College requirements. For more information about admissions to this program, visit the UTTC website at [www.uttc.edu](http://www.uttc.edu).*

## Student Non-Discrimination Policy

United Tribes Technical College (UTTC) provides equal employment opportunities to all employees and applicants for employment without regard to race, color, religion, sex, national origin, age, physical or mental disability, sexual orientation, or status with

regard to marriage, public assistance, or as a disabled veteran in accordance with applicable federal laws, except where specific age, sex or physical requirements are a bona fide occupational qualification, or where Indian preference or veteran's preference are appropriately claimed. This same policy includes, but is not limited to, students who apply for admissions, employment, financial assistance, placement, recruitment, and educational programs or activities, as required by applicable laws and regulations.

Title IX of the Education Amendments of 1972 (Title IX) prohibits discrimination based on gender in educational programs which receive federal financial assistance. Areas of the institution where Title IX may have application include athletics, student recruitment and admissions, financial aid, scholarships, course offerings and access, employment, and housing and residential services. Title IX also protects students and employees, both male and female, from unlawful sexual harassment in school programs and activities. Students who believe they have experienced discrimination, harassment, and/or retaliation in violation of United Tribes Technical College policy should contact:

**Francine McDonald**

HR Director/Title IX Coordinator  
fmcDonald@uttc.edu  
(701) 221-1721

**Disabilities Services**

UTTC is committed to providing reasonable, non-retroactive accommodations to qualifying students with disabilities as required by Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990, as amended, as well as state law. This may include disabilities that substantially limit one or more of a person's major life activities, and which may require modifications to UTTC programs, services, or facilities. Consistent with the law, UTTC is not obligated to provide accommodations that are unduly burdensome or unreasonable, or that fundamentally alter the nature of the certificate, diploma, and degree programs. Any person having inquiries regarding disabilities support services should contact:

**Disabilities Services**

Wellness Center  
DSS@uttc.edu  
(701) 221-1456

UTTC prohibits retaliation against any person opposing discrimination

or participating in any discrimination investigation or complaint process internal or external to the institution.

External inquiries may be made to:

**Office for Civil Rights**

U.S. Department of Education  
OCR@ed.gov  
(800) 421-3481

## Admissions Requirements

**All documents submitted for admissions purposes become property of United Tribes Technical College and cannot be photocopied or returned.**

### First Year Applicants

Applicants applying for admission who have not attended college after high school graduation or GED completion:

- Completed application for admission
- Official high school transcripts or GED scores

**NOTE:** *If you are a current high school student, a transcript demonstrating progress may be used for acceptance. A hold will be placed on your account until the final high school transcript is received.*

- Copy of degree of Indian blood
- Copy of immunization record showing proof of two (2) MMR shots and Meningococcal is required, if age 21 or younger and/or residing in the dorms
- Copy of a photo ID with birth date
- ACT test scores. UTTC offers Accuplacer testing if applicant has not taken ACT test.
- A completed FAFSA application

### Stop-Out Returning Applicants

Applicants applying for admission who attended UTTC in the past and have not attended any other colleges since then:

- Completed application for readmission.
- Copy of degree of Indian blood
- Copy of immunization record showing proof of two (2) MMR shots and Meningococcal is required, if age 21 or younger and/or residing in the dorms
- Copy of a photo ID with birth date
- A completed FAFSA application



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STUDENT SUPPORT SERVICES

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# STUDENT SUPPORT SERVICES

Check for catalog updates at [www.uttc.edu](http://www.uttc.edu)

## Transfer Applicants

Students who have attended another institution of higher education:

- Completed application for admission
- Official transcripts from all other colleges or universities previously attended mailed directly to the Admissions Office.
- High School Transcripts or GED. Official transcripts with a conferred graduation date or official GED scores are required for transfer students who completed less than 24 semester hours of college level coursework.

**NOTE:** Failure to disclose and provide official transcripts for all previously attended schools, colleges, and universities during the admissions process will result in denial of admission.

- Copy of degree of Indian blood
- Copy of immunization record showing proof of two (2) MMR shots and Meningococcal is required, if age 21 or younger and/or residing in the dorms
- Copy of a photo ID with birth date
- All Transfer Bachelor's applicants must meet program of study requirements (Refer to # 3 of Admissions Procedure)
- A completed FAFSA application

## Continuing Bachelor's Applicants

Students who have graduated with an AS/AAS degree from UTTC and are continuing on for a bachelor's degree:

- Meet program of study requirements (Refer to # 3 of Admissions Procedure)
- Complete Academic Major Change form, available on the Registrar's Office web page
- A completed FAFSA application

## Online Applicants

A student who is pursuing their degree completely online:

- Completed application for admission
- A completed FAFSA application
- Official high school transcripts or GED scores, or official transcripts from all other colleges or universities previously attended mailed directly to the Admissions Office. In progress or unofficial transcripts will be required for any institution currently in attendance. A final transcript will also be required once grades are posted.

**NOTE:** If you are a current high school student, a hold will be placed on your account until the final high school transcript is received.

- Copy of degree of Indian blood
- ACT test scores
- Copy of a photo ID with birth date

## Non-Degree Seeking Applicants

An applicant with a high school diploma or GED who wishes to take undergraduate courses and does not want to pursue a degree at UTTC is considered a non-degree seeking student.

- Completed application for admission
- Copy of degree of Indian blood
- Copy of a photo ID with birth date
- Copy of immunization record showing proof of two (2) MMR shots and Meningococcal is required, if age 21 or younger

**NOTE:** Should a change be made from non-degree seeking to degree seeking; an admissions application must be completed to indicate the intended degree or certificate. All admissions requirements must be met.

\*\* A non-degree seeking student is not eligible for financial aid funding

## Staff and Faculty Applicants

- Completed application for admission
- Official transcripts from all other colleges or universities previously attended mailed directly to the Admissions Office
- Copy of degree of Indian blood
- Copy of a photo ID with birth date
- Employee Tuition Waiver form completed and approved prior to starting classes

## Dual Credit and Early College Applicants

### DUAL CREDIT:

The United Tribes Technical College Dual Credit Program provides high school students the opportunity to simultaneously earn high school and college credit by taking academically challenging and culturally relevant college courses.

### EARLY COLLEGE:

The United Tribes Technical College Early Entry Program provides high school students the opportunity to take academically challenging and culturally

relevant college courses for college credit in an online format.

United Tribes Technical College invites eligible students to take a limited number of credits of undergraduate study while they are still in high school. All the academic policies that apply to regular undergraduate students at the College apply to Early College (dual credit and early entry) students, in addition to the academic policies specifically referring to Early College students. Students invited to apply to the College as Early College students must complete and submit the following documents to be considered for acceptance:

- Completed application for admission
- Certificate of Degree of Indian Blood copy, if applicable
- High school transcript
- Signed Student, Parent/Guardian & High School Administrator/Designee Consent Form
- FERPA Release of Information Form
- Completion of the Early College: Dual Credit and Early Entry Orientation

### Application Status

Applicants may track the status of their admissions applications by logging into My.Uttc.edu, <https://my.uttc.edu/ics>. At the login enter the login we provide you (this is your student ID number)

Select I forgot my password.

You will then be provided with a form to enter the email address we have in our records. The process will send you a link to setup your personal security. In the future if you forget your password the security questions will allow you to reset your password.



# Concurrent and Sequential Degrees

## Glossary of Terms

**Concurrent degree:** UTTC refers to concurrent degrees as dual majors.

**Dual major:** The student is completing two academic programs, or degree majors, concurrently (at the same time). The student graduates with two degree majors at the same time in the same semester.

## Dual Major Requirements

Students must meet the entrance requirements for each major. The dual majors must be declared by completing the Recommended Academic Progress (RAP) and Academic Dual Major Request form, with signature approval, no later than the end of the first week of the student's second semester. The Academic Dual Major Request form may be found on the Registrar's Office webpage at <https://uttc.edu/registrars-office/>.

## Levels of Study

Dual majors must be at the same level of study and are only an option for associate degrees (AS and/or AAS). Baccalaureate (BS) degrees and certificate programs cannot be completed concurrently. If a student intends to complete two BS degrees, or certificate programs, they must complete them sequentially.

## Graduation Requirements

- Requirements in effect at the time of entrance to each degree major must be met prior to graduation.
- General education courses may be used to meet the requirements for both majors.
- The student must take courses from both degree majors every semester to qualify as a dual major.
- The student will have one primary advisor for one degree major and a secondary advisor from the other major.
- A student graduates from both degree majors in the same semester.



STUDENT SUPPORT SERVICES

Check for catalog updates at [www.uttc.edu](http://www.uttc.edu)

## Academic Records

**Degree Audit:** At the time a student is admitted, the degree and year are listed on the degree audit. Up to two degree majors can be listed. A separate degree audit is generated for each degree.

**Transcript:** The student has one transcript, regardless of having dual degree majors.

**Diploma:** The student receives a diploma for each degree major earned.

## Student Action

Using the Academic Dual Major Request form found on the Registrar's Office webpage at [uttc.edu](http://uttc.edu) the student will:

1. Initiate a meeting with the Financial Aid Office to discuss rationale for combining majors and the impact on financial aid eligibility.
2. Meet with the Academic Advisor from one of the degree majors to complete a Recommended Academic Plan (RAP) form that identifies which courses will be taken when. This advisor is considered the primary advisor.
3. Meet with the Academic Advisor from the second degree major to expand on the RAP form, adding the courses from the second major. This advisor is considered the secondary advisor.
4. Submit the completed RAP form to the Vice President of Academic Affairs (VPAA) for approval and signature.

## Application Deadline and Approval Notification

If the student's request is approved, the VPAA will reproduce the RAP form and send a signed copy of the RAP form to the student, the Registrar's office, and the Department Chairs for both degree majors.

## Cancellation of an Approved Dual Major

To cancel an approved dual major, the student must notify the primary advisor by email and register for courses in one major only the following semester. The primary advisor will forward the email to the Registrar's Office and the secondary advisor.

## Canceled Applications

A student who was fully accepted for admission, is registered for classes, and then does not attend, will not be considered for admission again for 3 years after the second consecutive occurrence.

## Sequential Degrees

**Sequential degree:** The student graduates with an associate (AS/AAS) or baccalaureate (BS) degree program and enrolls in another AS/AAS or BS degree.

**Returning student:** The student who "stops out" for one or more semesters and then returns for another degree. Returning students are required to re-apply to the institution.

## Entry Requirements

Approval for admission to a sequential degree must be obtained from the Admissions Office. The student must meet Financial Aid, Student Accounts, and Housing (if applicable) requirements, as part of the admissions process, similar to being admitted for any degree program.

Some academic departments have additional entrance requirements. Students should contact the appropriate academic Department Chair for specific information.

## Levels of Study

- A student who has earned a BS degree may seek another BS degree; a student who has earned an AS/AAS degree may seek another AS/AAS degree or BS degree.
- A student who has earned a BS degree cannot enroll in an AS/AAS degree after completing the BS degree. Instead, the student is encouraged to complete another BS degree or continue his or her education in a graduate degree program.
- A student can complete no more than three AS/AAS degrees from UTTC. After the third AS/AAS degree, the student will apply to the next level and complete a BS degree.

## Academic Records

**Degree Audit:** The student's sequential degree will be listed on the degree audit.

**Transcript:** Each student has only one undergraduate transcript, regardless of the number of degrees earned.

**Cumulative Grade-Point Average:** When a student enrolls in a sequential degree, the student's cumulative grade-point average is computed using the grades earned in all UTTC courses, including those from any previous degrees completed.

**Diploma:** Upon completion of the sequential major, the student receives another diploma.

## Student Action

The student will:

1. Contact the Financial Aid Office about the availability of funding for a sequential degree. If the student is eligible for continued funding, the student will proceed to the next step.
2. Officially apply for the sequential major, follow the Admissions process for UTTC on the UTTC website.

## Adviser Assignment

The student is assigned an Academic Advisor when accepted for admissions for the sequential degree.



## Online Orientation

Orientation is available online year-around at UTTC. All new and transfer accepted applicants must complete orientation prior to registering for classes. All Stop-Out Returning applicants who have not attended UTTC for one year or more are encouraged to complete orientation. This orientation provides important information about campus, classes, and faculty and an opportunity to meet other students. It is designed to help students better understand college requirements and make a successful transition to UTTC life.

Students are not able to register for classes until after they complete orientation.

**An Admissions hold will remain in effect until orientation attendance is confirmed.**

## Placement Test Policy (ACCUPLACER/ACT/SAT)

The Accuplacer test and other accepted placement tests (ACT/SAT) are used for academic assessment and to determine course placements. The Accuplacer test will be administered each semester for all new and

transfer students, who have not completed college level Math or English coursework to assess their academic needs.

## Exceptions

- Students who have taken the ACT or SAT prior to registration will not be required to the Accuplacer tests. Test scores must be within the past three (5) years from date of application.
- Previous Accuplacer scores, taken within the past one-year from date of application, will be accepted.
- Students who are 100% online are not required to take the Accuplacer test.
- Students accepted in the Welding, Heavy Equipment Operations and Commercial Vehicle Operations certificate programs are not required to take the Accuplacer Exam.

## Financial Aid

The mission of the Financial Aid Office is to provide prospective and enrolled students with information and resources to financially support their educational goals. We will work together to provide service in a timely, equitable and caring manner.

We sincerely hope that the services and financial aid we offer will help you achieve your educational goals at UTTC. Contact us at: [FinancialAid@uttc.edu](mailto:FinancialAid@uttc.edu).

## How to Apply for Federal Student Aid

- Getting federal student financial aid begins with completing the Free Application for Federal Student Aid (FAFSA) at [www.studentaid.gov](http://www.studentaid.gov).
- You will need to create an Federal Student Aid (FSA) ID and password. Your FSA ID is your personal signature and allows you to access your FAFSA information online. You will need your FSA login information for all future FAFSA applications, and because the credentials are linked to your social security number, you cannot create multiple accounts. You will need to sign your online FAFSA form using your FSA ID and Password in order to submit your FAFSA. If your parent is going to sign your FAFSA form electronically, they will need their own FSA ID.

- If you have already filed the taxes needed for your FAFSA, you may be able to use the IRS Retrieval Tool. The tool is accessible through the online FAFSA application, and will connect you directly to the online Internal Revenue Service for your tax data. Using the IRS Retrieval Tool reduces the chances of having your FAFSA selected for Verification by the Department of Education, which may delay your application.
- Be sure to file early to meet deadlines.
- Students cannot register for classes until their FAFSA is completed for the academic year.

## What Happens Next

- The Department of Education will e-mail you a confirmation of a submitted FAFSA. You'll be sent a link from them to view your Student Aid Report (SAR) and Expected Family Contribution (EFC). Review it and make any corrections. You may also have to complete additional paperwork if you have been selected for a process called Verification. You will receive an email from the Financial Aid Office letting you know if you have been selected for verification and/or if additional paperwork is required to process your FAFSA.
- Next you will receive an award letter from UTTC Financial Aid Office stating the aid you can expect if you attend school. Consider the options outlined in the letter including grants, scholarships, and work-study programs.
- Your financial aid will be considered accepted by you unless you contact the Financial Aid Office in writing (or by e-mail) saying you wish to deny some award.

UTTC does not participate in the Federal Student Loan programs.

## Apply for Aid Each Year You are in College

- You must complete the FAFSA each year. Be sure to keep your FSA ID and password in a safe place as you will need it each year in order to renew your FAFSA.
- Never assume that because you received aid in one academic year you will automatically get it again the next year. Review each program's application

procedures carefully and reapply each year when necessary.

- If you filled out a FAFSA the year before, you can use the shorter Renewal FAFSA application located at [www.studentaid.gov](http://www.studentaid.gov).

## Special Circumstances and Professional Judgment Request

United Tribes Technical College recognizes that changes may be experienced in the financial situation of a household. While the Free Application for Federal Student Aid (FAFSA) determines financial aid eligibility based on data from two years prior, the Professional Judgement process exists to re-evaluate a student's aid based on certain significant changes.

If you believe you have a change that would result in a lower Expected Family Contribution (EFC) or higher expenses on your Cost of Attendance (COA) please contact our office for a consultation by e-mail or in person: [Financialaid@uttc.edu](mailto:Financialaid@uttc.edu)



## Grants and Scholarships

Grants and scholarships come from several sources, including UTTC, the state of North Dakota and the federal government. Other sources include funding from tribal agencies, corporations, unions, trust funds, religious and fraternal organizations, and other associations.

Grants and scholarships do not have to be paid back. You should always explore the "free money" opportunities available to you.

**NOTE:** Scholarships and tribal agency funding have a variety of application deadlines. Please refer to the UTTC website for specific information related to each funding source. It

is important to apply early.

## Financial Aid Programs

United Tribes Technical College is proud to offer many forms of financial aid.

- **Native American Tuition Waiver:** UTTC offers a tuition waiver for Native American students. Any student who selects a tribal affiliation on their application will be automatically applied for the Native American Tuition Waiver: Full eligibility information can be found at: <https://uttc.edu/tuition-and-aid/financial-aid-office/tuition-waivers/>.
  - **Federal Pell Grant:** This is a grant program for undergraduate students based on financial need, cost of attendance and student enrollment.
  - **Federal Supplemental Educational Opportunity Grant (FSEOG):** FSEOG is awarded to undergraduate students with exceptional financial need – those with the lowest Expected Family Contributions (EFCs). Limited funds are available.
  - **Federal Work Study Program:** The Federal Work-Study Program (FWS) is a federally funded need-based student employment program. FWS funds are earned through campus-based employment opportunities and paid bi-weekly for hours worked. FWS is designed to promote student leadership and development through employment opportunities while also assisting students with the financial means to defray educational costs.
  - **Leadership through Experience Program:** the Leadership through Experience Program (LTE) is an institutionally funded need-based student employment program. LTE funds are earned through campus-based employment opportunities and paid bi-weekly for hours worked. LTE is designed to promote student leadership and development through employment opportunities while also assisting students with the financial means to defray educational costs.
  - **Institutional Scholarships:** UTTC administers a variety of scholarship funds set up to benefit UTTC students. The Financial Aid Office facilitates the award of various scholarships based on financial need and academic achievement.
- Such grants are awarded to students based on the eligibility and selection criteria provided by the funding source. Requirements vary from program to program.
- **Private Scholarships:** Students are encouraged to search online or through local agencies for private scholarships. Many scholarship opportunities are available through various businesses and foundations. When searching online for scholarships, students should use caution and be aware of scholarship scams. Never pay to send a scholarship application in, and never give out personal banking or other financial information. The UTTC website has a list of current private scholarships: [uttc.edu/financial-aid/scholarships/](http://uttc.edu/financial-aid/scholarships/)
  - **Tribal (Agency) Funding:** Students enrolled in a federally recognized tribe should apply for tribal (agency) funding. The Financial Aid Office can assist with these applications, be sure to apply early as deadlines may vary. The UTTC website has a list of some of the Tribal Education Programs here: [uttc.edu/tuition-and-aid/financial-aid-office/tribal-programs/](http://uttc.edu/tuition-and-aid/financial-aid-office/tribal-programs/).
  - **Workforce Innovation & Opportunity Act (WIOA):** The Workforce Innovation & Opportunity Act is funded through the Department of Labor. This program will assist eligible Native American participants with the following training services: workplace training, occupational skills training, skill upgrading/retraining, on-the-job training, workplace instruction, and education/tuition assistance. Apply at the WIOA office in the Skills Center (Building 200).
  - **Vocational Rehabilitation:** Vocational Rehabilitation offices support individuals who are training or retraining for a new profession due to a diagnosed disability or injury. The programs are administered by state and tribal governments. Students are encouraged to contact their tribe's Tribal Agency Vocational Rehabilitation Office and/or local county office for further information on assistance programs available to them. The Financial Aid Office can provide further information about the UTTC vocational rehabilitation program.



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## Semester Tuition and Fees

100-200 Level Courses ..... \$150.00  
Full time: 12 credits X \$150.00 = \$1,800.00  
Per Semester

300-400 Level Courses ..... \$260.00  
Full time: 12 credits X \$260.00 = \$3120.00  
Per Semester

**Audit courses**, are charged the same as 100-200 level and 300-400 level courses and must be paid for in full prior to the start of the course.

### Mandatory Fees:

All students pay mandatory fees of \$43 per credit hour up to 12 credits per semester. This includes costs of activities, student government, facilities and technology fees. Classes taken for audit are not assessed fees.

### Program Fees:

Automotive Technology  
(1st term)..... \$1425.00  
(2nd term) ..... \$1425.00  
Tools & Toolbox  
Boots ..... \$250.00

Commercial Vehicle Operations  
Program Fee ..... \$600.00  
Boots, Drug Screens & DOT Medical Physical

Criminal Justice department:  
Background Check fee  
CJU 204/CJU 225 ..... \$70.00

\*Students in the CJU degree program complete the background check in CJU 201 (or CJU 204 for transfer students).

Elementary EDU-AS degree  
Educator Google Certification  
EDU 288 ..... \$35.00

Substitute Teaching License - \$195  
Cooperating Teacher- \$50  
EDU 296 ..... \$245.00

Elementary EDU-BS  
Cooperating Teacher - \$50  
ETS-MCEE Modules - \$35  
(EDU 346)..... \$85.00

Cooperating Teacher - \$100  
Praxis II - (\$130 & \$156) - \$286  
(EDU 396)..... \$386.00

Praxis II & \$400 Cooperating Teacher  
(EDU 498)..... \$800.00

Health, Physical Education and Recreation  
NFHS Fundamentals of Coaching Certification  
HPR 230 ..... \$45.00

Heavy Equipment Operations  
Program Fee ..... \$600.00  
Jacket, Boots, PPE

Welding Technology  
(1st term)..... \$500.00  
(2nd term) ..... \$500.00  
PPE (Hoods, Jackets, Boots, & Gloves) & Certification Test Fees

Supplies required to complete course requirements will be available for purchase at the UTTC Bookstore. Students may also choose to purchase supplies at a vendor of choice also.

Tuition and fees are put in effect Fall 2023 semester. These costs are subject to change without notice.

### Fees Charged to Students in UTTC Managed Housing

Subject to change. Refer to the UTTC website for current rates.  
Application Fee (Non-Refundable)..... \$25.00

**Solo Dorm (efficiency)**  
\$600 per month or \$3000 per semester

**1-Bedroom**  
\$650 per month or \$3250 per semester

**2-Bedroom**  
\$700 per month or \$3500 per semester

**3-Bedroom without a garage**  
\$800 per month or \$4000 per semester

**3-Bedroom with a garage**  
\$850 per month or \$4250 per semester

**Kateri Hall (room)** ..... \$400 per month

**Touchstone Lodge**..... \$400 per month



## Dorms

### Meal Plan A:

19 meals/week

\$100 flex \$2684 plus rent \$900

TOTAL \$3584 per semester (Fall/Spring)

19 meals/week

\$75 flex \$1291 plus rent \$450

TOTAL \$1741 per semester (Summer)

### Meal Plan B:

14 meals/week

\$150 flex \$2054 plus rent \$900

TOTAL \$2954 per semester (Fall/Spring)

14 meals/week

\$75 flex \$971 plus rent \$450

TOTAL \$1421 per semester (Summer)

### Meal Plan C:

9 meals/week

\$200 flex \$1424 plus rent \$900

TOTAL \$2324 per semester (Fall/Spring)

9 meals/week

\$100 flex \$676 plus rent \$450

TOTAL \$1126 per semester (Summer)

## Other Financial Aid Information

Financial assistance may be given to students who are in a program that awards certificates, diplomas, associates, or bachelors degrees. Students who are not enrolled in a degree-seeking program may not be eligible for financial aid.

**NOTE:** Federal financial aid may be available for up to 30 credits of developmental coursework if the classes are prerequisites for the degree program selected by the student.

### Internship and Practicum

Some UTTC degree programs require students to participate in professional experience activities such as internship and practicum courses for credit. Students are responsible for all of the costs associated with these courses. Students may contact their Academic Advisor(s) and Financial Aid staff to see if any assistance is available.

### Withdrawal Policy

If a student officially withdraws from UTTC during the semester (period of enrollment), they may be subject to the cancellation, proration, return or recalculation of all or part of their financial aid award, subject to the determination made by the Financial Aid Office and the funding agency. More information of the Return of Title IV funds can be found on the Financial Aid webpage.

Failure to attend any classes in a semester will result in the return of financial aid funding received for a student.

### Scholarships

The Financial Aid Office facilitates the disbursement of scholarships awarded to UTTC students. It is the student's responsibility to comply with scholarship eligibility requirements.

Athletic scholarships may be offered depending on availability of funds. Athletes must maintain full-time status and satisfactory academic progress, as determined by the conditions of their award.

### Transfer Students

Students transferring to UTTC from another institution of higher education shall have their financial aid eligibility evaluated before attending classes at UTTC. Academic entrance requirements, including the assessments of prior course credits completed, may affect the determination of financial aid. Students who are on probation or suspension status from another institution will have their Financial Aid under a probationary status at UTTC unless they submit a Financial Aid Satisfactory Academic Progress (SAP) appeal.

### Students & Military Service

A student not on active military service at the beginning of an academic term and who is called or ordered to active military service for fourteen (14) consecutive days or longer during the term shall have the right, at the student's option, to withdraw from classes. The following criteria apply:

- The student may withdraw from any or all classes in which the student is enrolled, even if after the established deadline for withdrawal.
- The student is entitled, subject to applicable laws or regulations governing federal, state or tribal financial aid programs, to a refund of tuition and fees.
- The student shall not receive credit or a grade for classes from which the student withdraws.
- A student in good standing at the time of exercising this right shall have the right to be re-admitted and re-enroll, without penalty or redetermination of admission eligibility, within one year following release from active military service.



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## VA Benefits Chapter 31/33 Covered Individuals

Definition: A covered individual is any individual who is entitled to educational assistance under chapter 31, Vocational Rehabilitation and Employment, or chapter 33, Post-9/11 GI Bill™ benefits.

- UTTC permits any covered individual to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA) website – eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates:
  1. The date on which payment from VA is made to the institution.
  2. 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.
- UTTC will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

### Financial Aid Disbursements

All financial aid received on behalf of the student is first applied to all eligible charges. Credit balances are refunded in accordance with federal regulations for handling of Title IV funds. Students are responsible for all expenses they incur while attending UTTC.

Financial aid is processed by the Financial Aid Office but Student Accounts is the office that actually processes the payments (disbursements) to students. The Student Accounts Office is located in the Finance Department in the Administration Building. Students pick up their checks in this office. The Financial Aid Office does not disburse funds to students.

### Satisfactory Academic Progress (SAP)

Federal regulations require that all

students who receive financial aid must maintain satisfactory academic progress and work towards an eligible degree or certificate. In addition, federal regulations require students be on pace to complete their degree or certificate before reaching the 150% maximum time frame limit (see maximum time frame eligibility section at

[uttc.edu/financial-aid/satisfactory-academic-progress/](http://uttc.edu/financial-aid/satisfactory-academic-progress/)).

Grades are reviewed at the end of each term to determine if the student is meeting SAP for both the term and cumulatively. Failure to meet SAP may result in the loss of financial aid. Federal/State Regulations require students to achieve a minimum level of SAP. UTTC adheres to this policy and the following is an overview of the policy:

- The student must have a term GPA minimum of a 2.00 and maintain an overall career GPA minimum of a 2.00.
- Each semester the student must pass 67% of the credits that he/she is enrolled in for the term and maintain an overall career completion rate of 67%.
- The Department of Education mandates that a student has a maximum timeframe to complete their education program. Therefore, this policy adheres to the Maximum Time Frame requirement not to exceed 150% of the published length of the educational program. Information may be subject to change without notice due to changes in federal, state and/or institutional rules and regulations.

**\*\*\*Sec 484 (a)(2) - In order to receive Title IV (TIV) aid the student must be maintaining Satisfactory Academic Progress (SAP) in the program of study.**

For more information on Satisfactory Academic Progress, please visit the webpage at <https://uttc.edu/financial-aid/satisfactory-academic-progress/>



## SAP Levels

### Financial Aid Warning

Any student who fails to meet and maintain the term and career GPA minimum of a 2.0 and/or meet the term and career completion rate (pace rate) standard which is 67% is automatically placed on Financial Aid Warning. The student will continue to receive federal financial aid for one semester/payment period.

### Financial Aid Suspension

Any student that does not meet the minimum requirements for SAP at the end of the Financial Aid Warning semester will be ineligible for federal financial aid, institutional aid, and/or VA benefits until SAP standards are met. This means the student will not receive any federal financial aid the next semester and will have to find other means to continue his/her education. However, a student has the right to appeal the loss of financial aid eligibility if mitigating circumstances (events beyond the student's control) occurred during the preceding semester/payment period. The student will also be required to complete an academic plan with his/her advisor and return it along with an appeal before any federal aid can be reinstated.

A student must complete the Satisfactory Academic Progress Appeal form and attach the supporting documentation and submit it to the Financial Aid Office within 2 weeks of the SAP Suspension notice. Appeals received after the deadline can be automatically denied. The decisions of the Financial Aid Office are final and students will receive electronic communication to their UTTC email address regarding the outcome. A student who successfully appeals the loss of his/her financial aid termination will be placed on Financial Aid Warning for the following semester/payment period in order to retain financial aid.

### Federal Work Study Program (FWS) & Leadership through Experience (LTE)

To qualify for the Federal Work Study Program students must complete the Free Application for Federal Student Aid (FAFSA). Students must have a minimum GPA of a 2.0. This is a need-based program that will allow students to work part-time and earn money to help pay for their educational expenses while they are in school. Contact the Financial Aid Office for more details.

# Students Accounts

The Students Accounts Office provides assistance with questions regarding all charges and payments applied to your account (tuition, book charges, fees, room & board, childcare, security deposit, refunds). The office is located in the Finance Department in Building 5, upstairs from the President's Office in Administration. Contact us: Studentaccounts@uttc.edu

### Account Information

Students are responsible for reviewing their student accounts for accuracy. Students are also responsible for ensuring that account balances are paid by the scheduled due dates.

We mail billing statements for all students, past, and present, at the end of each semester for those that owe a balance.

### Payment Options

1. Financial Aid (Pell Grant)
2. Scholarships (Higher Education, State, Private, etc.)
3. Third Party (Tribal Funding, WIA, Job Service, Vocational Rehabilitation, Military)
4. Self-Pay: Payment Plan

### To ensure accuracy in payment submission, include your student ID number.

1. **Online:** Credit and Debit card payments can be submitted through "MyUTTC.edu" student account 24 hours a day. Select My Account Balances to view and make payments toward your student account.
2. **Mail:** Check, money order or cashier's check can be mailed to Attn: Student Accounts
3. **In Person:** Cash, money order or cashier's checks are accepted at the Finance Office from 1:00 pm thru 5:00 pm.

### Self-Pay Student

A "self-pay student" is one who will not be receiving Federal Student Aid (Pell grant). Self-pay students are required to show proof that payment will be received in full or make a payment in full, before the first day of class.

### Cost of Attendance Information

All information regarding cost of attendance for UTTC students is currently published on the College's website at this



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link: <https://uttc.edu/tuition-and-aid/financial-aid-office/tuition-and-fees/>. Students can also find this Tuition & Fees link by going to [www.uttc.edu](http://www.uttc.edu) and selecting the "Financial Aid" webpage.

It is the student's responsibility to make sure all transactions have been completed. Students have the ability to view their account and class schedule online by logging into My.Uttc.edu to verify transactions are complete and accurate.

**IMPORTANT:** *Students who are registered for classes at UTTC are responsible for the balance due in full by the end of the term. Students may be subject to financial suspension if not in compliance to the Limitation of Student Debt policy.*

### Limitation of Student Debt Policy

UTTC students who owe \$750.00, or more, will not be able to register for subsequent semesters. Current students who owe a balance to the College are encouraged to participate in the College's Leadership through Experience Program or Work Study. Contact the Financial Aid Office for more details.



### Tuition & Fees Refund Policy

This policy places responsibility on the student and informs the student of tuition and fee charges and allowable refunds.

#### Tuition & Fees:

This policy allows Student Accounts the ability to charge student's Tuition and Fees for courses based on term date and the deadline by term.

- Failure to drop a course, on or before the last day to drop, will result in full tuition and fees to be charged to a student's account.
- Students will not be charged until after census date and no refunds will be issued after census date.

- When students drop a course or courses after census date they will still be responsible for 100% of tuition and fees.

### Allowable Student Refunds:

- This policy allows Students Accounts to print checks for applicable credits on a student's account who withdraws after the census date. The policy includes room and board, and housing refunds.
- Student Accounts processes refund checks for students who receive credits processed by the Financial Aid and Housing departments.
- Refer to Financial Aid and Housing policies for applicable credits.

### Student Responsibilities:

It is the student's responsibility to make sure all transactions have been completed. Students have the ability to view their account and class schedule online by logging in to [myuttc.edu](http://myuttc.edu) to verify transactions are complete and accurate.

Students who are registered for classes at UTTC are responsible for the balance due under \$750, or in full if graduating, by the end of the term. Students may be subject to financial suspension if not in compliance with the Limitation of Student Debt policy. This policy is in alignment with the Registrar's Office Census Date.

### Child Care Assistance Program

Child Care Assistance Program (CCAP) provides payment assistance with child care costs for families with low income while they are participating in work, allowable education or training programs, and job search. The parent will be responsible for any amount not covered by the CCAP.

For more information about where to apply for CCAP, go to <https://uttc.edu/payment-options/>

Essentially the student is responsible for all charges on their account even if they have other resources or programs that are making payments on their behalf.

## Registrar's Office

### Registration

Registration is one of the conditions required to maintain enrollment at United Tribes Technical College. To register is to

become an official member of a class roster. To be officially enrolled, students must meet the student account balance threshold and be registered in at least one course by the end of the add/drop period. Students who fail to do this are not eligible for college services or use of facilities.

Enrollment in regular college courses is available through the regular college registration procedures, administered by the Registrar, to full-time and part-time degree seeking students, and to non-degree seeking students.

All students must register for their courses with their Academic Advisor prior to attending classes. Registration deadlines are listed on the official Academic Calendar and all students must register within the dates specified there.

Prior to registering, students are strongly encouraged to log into their My.Uttc.edu to view possible registration holds. Students with registration holds will not be allowed to register. Therefore, students with a registration hold must contact the appropriate office to resolve the outstanding issue(s), so the hold can be lifted.

### Academic Advising

All academic departments have **academic advisors** who are readily available to assist students with questions pertaining to academic regulations and procedures, selection of courses that satisfy degree requirements, major options, and alternatives. Academic advisors confer with students about overall degree requirements, academic difficulty, program planning, or assistance with anything related to academics. All department chairs and faculty serve as academic advisors for students in their programs.

First year students are assigned a first year advisor who works in partnership with the student and the academic advisor through the first year. The first year advisor makes sure new students have what they need during their first year of college, so they know who to contact for various services provided, and offer the tools and resources available to help them as a new student. The first year advisor will assist students with creating their own academic success plan that identifies what courses will be taken each semester. The student's academic advisor will then use the academic success plan to register the student for his or her classes. For more information about first year advising, visit the CARE Center in the lower level Jack Barden Center.

### Name Change Request

A student who chooses to change or correct his or her name on academic records will need to complete and submit the Name Change form (available on the Registrar's Office webpage) and provide the following documentation:

- A student ID card or driver's license with the former name, and
- At least two of the following documents, with one having a photograph for verification purposes:
  - Driver's license
  - Passport
  - Birth certificate
  - Tribal ID
  - State ID
  - Social security card

The student will bring the completed form and required documents to the Registrar's Office or mail them to the following address:

United Tribes Technical College  
**Registrar's Office**  
3315 University Drive  
Bismarck, ND 58504

All requests for changes or corrections of a name must be accompanied by the required legal documentation. Photocopies are sufficient if the student is mailing the request.

### Address Change Request

A student can change his or her local or permanent address, email address or phone number by emailing [Address\\_Priority@uttc.edu](mailto:Address_Priority@uttc.edu). The email regarding the address change request must include:

- First and Last Name
- Street Address
- City, State, and Zip Code

All communications from UTTC are provided to students through their UTTC email account. This includes notifications regarding billing and instructions related to registration. If a student is expecting a refund or waiting for information from any of the departments on campus, the address on file will be used for mailing purposes. It is important to make sure the permanent mailing address is accurate when the student graduates. The diploma will be mailed by the Registrar's Office to the permanent address on file at the time of graduation.



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## Preferred First Name Procedure

In an effort to accommodate students who are known by a first name that is different from their legal first name, UTTC has created a preferred first name option for student information as it appears in select locations. Students will be able to request adding a preferred first name to their student information profile by submitting the completed Preferred First Name form, found at <https://uttc.edu/admissions/registrar/student-records/>, to the Registrar's Office that includes the circumstances for the request. The completed form will be maintained in the student's confidential file. The form is available on the Registrar's Office webpage.

The Registrar will consult with the student's Wellness Counselor and respond to the student within five (5) days of receiving the request. If approved, the preferred first name would replace the student's legal name as it appears on course lists, student email, and the directory.

UTTC strives to display preferred first names to the UTTC community where feasible and has made a good faith effort to update the systems that are designated to use a preferred name. In the event the student's preferred first name is not displaying correctly, they must contact the Registrar's Office.

### Disclaimer:

UTTC reserves the right to approve or disapprove preferred first name change requests.



## Required Use of Legal First Name

In some instances, students' legal names must always be used regardless of whether preferred names have been added to the system. Legal names will always appear

on all external use reports and documents including, but not limited to, hiring paperwork, paychecks, student billing, financial aid forms, tax forms, official transcripts, official diplomas, and any other documents required by law. Legal first names can only be changed on these records when students pursue a legal name change with their home state and/or federal authorities and then submit that documentation to the Registrar's Office. If students are using a preferred name in the campus systems they must be prepared to use legal name and identification in all instances where legal identification or official information is necessary.

## Transfer Credits & Transcript Evaluations

The Registrar's Office administers the policy that grants the transfer of credit for courses completed at other regionally accredited institutions of post-secondary education. Department Chairs will be consulted on transfer course equivalencies pertaining to their respective fields.

The following steps are followed when requesting the transfer of credits from other colleges or universities:

1. Initiating Transfer Evaluation Request
    - The student requests one official copy of his or her academic transcripts from each of any previous institution(s) and has the official transcript sent directly to the UTTC Admissions & Recruitment Office as part of the application process.
    - The transcript must be in an unopened envelope sealed by the sending institution to be "official".
    - The student's official transcripts are forwarded to the Transfer & Career Services Coordinator for an evaluation of transfer credits upon acceptance to UTTC.
    - The Transfer & Career Services Coordinator will complete a Transfer Credit Equivalency Request Form and a Transfer Inquiry Sheet for the student that identifies the transfer credits that have satisfied courses on the student's intended degree plan.
    - The student's academic advisor will review both the Transfer Credit Equivalency Request Form and a Transfer Inquiry Sheet with the student prior to registration for classes.
- Credits earned by students who have

completed post-secondary courses after high school at regionally accredited colleges or universities will be reviewed for transfer at UTTC. General guidelines for acceptance of transfer credit include:

1. College-level credits (100 level or higher) earned at regionally accredited institutions will be transferred provided a grade of "C", or higher, is earned in the course.
2. Courses with a grade of "C", or higher, that fulfill specific degree requirements will be identified on the student's Transfer Credit Equivalency Request Form. The Elementary Education BS degree program requires a "B", or higher, in 300-400 level teaching methodology courses.
3. Developmental courses will not be accepted for college credit, but may fulfill prerequisite requirements for college level courses.
4. The North Dakota University Systems common numbered courses will transfer in as the direct equivalent course at UTTC, as applicable.
5. Repeated courses can only be granted credit for each course once. The course meeting the highest grade for the transfer of credits policy will be transferred.
6. Credits from institutions on the quarter system will be converted to semester hour credits.
7. Students who have earned credits from an international institution must have their work evaluated by the World Education Services <https://www.wes.org/>. The student will be required to provide a fee to the credit evaluating service.
8. In general, undergraduate credits do not expire; however, certain courses (i.e. technology, engineering, education and law-related) taken five (5) or more years prior to the request for transfer will be reviewed on a course by course basis for relevance by the Dean of Instruction to determine if the course(s) meets a degree requirement.
9. Students must submit an official copy of their AARTS or SMART transcript for transfer of military credits. UTTC follows the American Council on Education recommendations for transfer of military credit.
10. Transcripts will include the name of the transferred course, the institution from

where it was transferred, and the credit recommendation. Transfer credits will not be included in the student's institutional or cumulative GPA at UTTC.

11. Credit by examination or life experience will be excluded in transfer credit evaluations.
12. Graduate level courses (500 and above), as defined on the transferring institution's transcript legend, will not be considered for transfer.
13. As with any other institution of higher education, UTTC reserves the right to determine courses for transfer into the College.

UTTC has developed program articulation agreements with several institutions to aid in the transfer process. The program agreements will be used as a guide when choosing courses for transfer, when applicable.

### **Transferring UTTC Course Credits to Other Institutions**

Students seeking to transfer credit earned at UTTC to another college must submit a signed Transcript Request Form to the UTTC Registrar's Office at [transcripts@uttc.edu](mailto:transcripts@uttc.edu). Signed requests are necessary to send transcripts. The Registrar's Office will send transcripts within three days of receiving the signed request to the college or colleges indicated on the Transcript Request Form.

Transferring students should indicate a specific person or office to which the transcripts should be sent whenever possible. Students who want their transcripts to include certificates and degrees earned must request their transcripts be sent after the appropriate graduation date for those certificates and degrees.

United Tribes Technical College may withhold official documents such as diplomas and certificates for individuals with outstanding financial obligations to the college. For questions, please, contact the Student Accounts Office at (701) 221-1425. Transcripts, official and unofficial, will not be issued as a result of phone requests.

Transfer credit granted by other colleges will be governed by the policies and procedures of those colleges. All colleges and universities have their own policies for accepting transfer credits.

### **Reverse Transfer Initiative**

The UTTC Registrar's Office supports the North Dakota University System's ("NDUS") 407.0 Reverse Transfer initiative to assist



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students who have transferred from UTTC and are currently enrolled at a NDUS university by offering an additional opportunity to complete an associate degree. This initiative applies to former students from North Dakota public or tribal colleges who completed at least 36 credits while at the College but transferred prior to completing an associate degree. UTTC will work with the colleges and universities to develop a process for qualified students to apply for and be granted this degree. The Reverse Transfer initiative does not apply to baccalaureate degrees.

1. Students who have transferred to a NDUS university or other TCU from UTTC will be eligible to complete an associate degree through the reverse transfer of completed coursework.

2. Eligible students will have completed at least 36 semester hours at UTTC without completing an associate degree prior to transfer to another TCU or an NDUS university.

Allow up to five (5) business days for transcripts requests to be completed. For electronic official transcripts visit the National Student Clearinghouse website.

## Advanced Placement Credit Policy

Advanced Placement (AP) credit is college credit students earn before they matriculate (the first day of the first semester) at United Tribes Technical College (UTTC) and may be

applied toward the degree requirements as specified by the individual programs. First year students who apply from high school or a high school equivalent program must take the AP exam prior to matriculation at UTTC to be eligible to receive AP credit. Students should submit all scores before the first day of their first semester at UTTC to ensure accurate degree planning and effective advising. The AP credit awarded by a prior institution will be reevaluated as part of the transfer credit evaluation process for transfer students. All students must submit official examination scores directly from the College Board. Scores sent from the high school or in any other format will not be accepted.

## Conditions:

- The student must be currently enrolled and seeking a degree for the AP credits to be recorded on the student's transcript.
- The student may not receive credit for both an AP exam and a college course taken before high school graduation covering the same subject matter.
- AP exams are recorded as "AP" on the student's academic record and are not calculated in the grade point average.
- If an AP exam is taken more than once, only the highest score will be considered.

AP Exam	Minimum Grade for Awarding Credit	Number of Semester Credits	UTTC Course(s) Equivalent
Art History	3	3	ART 210
Biology	3	4	BIO 111 w/LAB
Calculus AB	4	4	MTH 107
Calculus BC	4	4	MTH 165
Chemistry	4	4	CHM 115 w/LAB
Computer Science Principles/A	4	3	CSC 101
Microeconomics	3	3	ECO 201
Macroeconomics	3	3	ECO 202
English Language and Composition	3	3	ENG 110
English Literature and Composition	3	3	ENG 110 or ENG 120*
United States Government & Politics	3	3	POL 115
Physics 1 or 2 – Algebra Based	4	4	PHY 211



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Psychology	3	3	PSY 111
Statistics	4	3	MTH 210
U.S. History	3	3	HIS 103

\*English Literature and Comp fulfills ENG 120 if student also completed English Language and Composition.

For more information, contact the Registrar at Registrar@uttc.edu.

## Graduation Requirements

Each candidate for graduation must fulfill the following requirements for a certificate of completion, an associate degree, or baccalaureate degree:

1. Complete a graduation application, found on the Student Information page at My.UTTC.edu, and submit it to the Registrar's Office no later than 14 calendar days before the ceremony, as indicated on the academic calendar.
2. Review the advising worksheet (also referred to as the graduation report) with the academic advisor to make sure all program requirements are met. This should be completed prior to the last day to add/drop courses for the semester the student intends to graduate.
3. Verify all personal information is correct in My.UTTC.edu and on the graduation application. The name entered on the diploma, and the address to which it will be mailed will be taken from the graduation application.
4. Courses considered for meeting graduation requirements must have been completed with a minimum grade of 2.0 ("C", or higher"). Courses that resulted in a grade of less than 2.0 will not meet graduation requirements.
5. Students who are enrolled in the summer semester, and will have fulfilled the graduation requirements for their program of study at the end of the summer semester, will be allowed to participate in the preceding May commencement ceremony. The degree will not be conferred until the end of the summer semester after grades are posted and the student has met the minimum requirements.
6. The current Academic Catalog will list requirements for the granting of degrees, diplomas and certificates of completion.

## Graduation Ceremonies

UTTC has one formal graduation ceremony each academic year held in May. Fall

graduates and spring graduates participate in the May commencement. Summer graduates are allowed to participate in the May commencement immediately preceding the summer semester if they will be completing all of their degree requirements at the end of the summer semester. Diplomas for summer graduates will not be mailed until the degree requirements are met.

## Graduation Attire

All United Tribes Technical College graduating participants must wear full academic regalia – gown, mortarboard cap, and tassel – in recognition of the significance of commencement (the graduation ceremony). Any exceptions to the academic regalia (gown, mortarboard cap, and tassel) must be requested in writing and approved by the Vice President of Academic Affairs at least five (5) days prior to the date of graduation.

## Accessories Guidelines

- Gold cords are reserved for honor students (awarded by the Registrar's Office).
- Other cord colors may be available for other honorary societies.
- Sashes and stoles for student organizations, military, and veteran students, cultural representation, and personal adornment may be worn.
- Pins are presented to graduates from the UTTC Graduation Committee.

## Graduation with Honors

Graduation with Honors requires having obtained a cumulative GPA of 3.5 or better.

## Changes to Course Registration (Add/Drop)

Students have the flexibility to make schedule changes during the first two weeks of the semester (one week for the summer semester). This period ends at the Census Date identified on the Academic Calendar. Students can add and drop courses during

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this time without penalty, meaning they will not be charged for any classes dropped and the dropped class will not appear on the student's transcript.

### **Adding a Course(s)**

Students may add courses during the first two weeks of the semester (one week for the summer semester) prior to Census Date. Students must meet the pre-requisites for the added course(s), the course must have open seats, Financial Aid approval and delivered to the Registrar's Office.

### **Dropping a Course(s)**

If a student chooses to drop a course(s) prior to Census Date (see Academic Calendar), courses dropped will not display on the academic record (transcript). The student will not be charged for courses dropped on or prior to Census Date.

Dropping all courses prior to Census Date will not affect students' financial aid eligibility.

After Census Date, students can drop a course but will be responsible for paying for it. The course will appear on the student's transcript with a "W" grade and will count toward attempted credits by the Financial Aid Office.

Students wishing to drop a course(s) will complete the Drop Course form found on the Registrar's Office's webpage, or at Enrollment Services in the upper level of the Jack Barden Center, and submit the form to the Financial Aid Office and the Registrar's Office for required signatures.

The Drop Course form is used if a student wishes to withdraw from any courses in which they are currently enrolled. If the student is withdrawing from one or more courses that will result in the student no longer being enrolled in any courses for the term, the Student-Initiated Withdrawal form is used.

- If a student requests to be withdrawn from college prior to or on Census Date, the Student-Initiated Withdrawal form is processed and the student is not charged for the semester, nor will any grades be posted on grade report or transcript.
- If a student requests to be withdrawn from college after Census Date, the Student-Initiated Withdrawal form is processed and the student is charged for the semester, and will earn the grade of "W" on their official transcript/grade report. A grade of W is not calculated in a student's grade point average (GPA) for

withdrawals initiated by the student.

- If a student is withdrawn after Census Date due to excessive absences, and has attended any class periods, the College-Initiated Withdrawal form is processed and the student is charged for the semester, which also results in final and or midterm grades of "W" for all classes registered. A College-Initiated Withdrawal will result in Ws with an academic penalty and will impact GPA.

Students should be aware that withdrawing from a course (s) after Census Date might affect their full-time status. Students are required to contact the Financial Aid Department as the first step in the add/drop process so they are aware of any impact on financial aid eligibility.



### **Major Change**

Any student who intends to change from one academic program to another or a returning student that graduates with a certificate or AAS and intends to move onto the next degree level within their program must complete an Academic Major Change form. This form can be located on the Registrar's Office webpage or at Enrollment Services in the upper level of the Jack Barden Center.

This form will need to have all signatures required on the document before being sent to the Registrar's Office to complete. These forms will not be processed after Census Date (10 days into the current semester) or it will be held until the semesters end for processing any period of time after the census date has passed.

### **Withdrawal for Non-Attendance**

UTTC will initiate a withdrawal at close of business on Census Date for students who are registered and have not attended any of

their classes during the first two (2) weeks. This will prevent the student from being responsible for payment and having W grades on the transcript. If it has been determined the student has not attended classes, the student's Academic Advisor will initiate the College-Initiated Withdrawal form to depart the student on non-attendance during the first two (2) weeks or the fall or spring term (first week of summer). The Wellness Counselor will complete the College-Initiated Withdrawal form and submit to the Registrar's Office for processing. The Wellness Counselor will notify the appropriate parties on campus that the student is no longer enrolled at UTTC.

### **Credit by Examination**

Registered students in good standing may receive course credit by taking an examination without formally enrolling in a course under certain prescribed conditions. Credit by examination is an option for students who have strong academic backgrounds or who have studied on their own. Students must be registered in the current semester in which the exam is taken to be eligible for credit by examination. Credit by examination may be applied for in any course listed in the current Academic Catalog.

The examination is created by the appropriate academic department and administered by appointment with the instructor. The examination must be taken within thirty (30) days of approval. A passing grade on an examination is recorded with a grade of P for Passing on the student's academic record. The credits for the course count toward graduation but neither the credits nor the grade is used in the calculation of the student's grade point average. Examinations that are attempted but not passed are not recorded. Examinations for course credit may only be taken once.

The Petition for Credit by Examination form (available on the Registrar's webpage) is completed by the student and identifies the course the student wants to petition. The form is subject to the approval of the instructor, the chair of the department involved and the Dean of Instruction. The student is responsible for submitting the approved form, with all of the signatures, to the Registrar. The completed petition must be submitted to Registrar before the examination is scheduled.

The final result of a student's work in an examination for credit shall be reported to the Registrar by the instructor in terms of a "pass/fail". Students are not eligible to take a credit

by examination in a semester in which they are not currently enrolled.

### **Exclusions**

Credit by examination may not be used to:

- Duplicate any credit already earned by the student towards their degree.
- Repeat any course a student has taken previously, regardless of the grade earned.

### **Petition for Credit by Examination form Instructions**

The student will:

- Enter the course information from the course schedule.
- Seek signature approval from the instructor who will administer the examination and specify the examination date. The Department Chair who has oversight of the petitioned course must also sign the form.
- Obtain signature approval of either the Dean of Instruction or the Dean of STEM.
- Submit the approved Petition form to the Registrar.
- Make an appointment to take the examination within 30 days of when the Petition for Credit by Examination form is approved.
- Complete the examination within a three (3) hour period.

After the examination, the instructor will submit the P/F grade to the Registrar. If a passing grade is entered, the graduation requirement for the course is considered met.

Credits earned by examination may not be acceptable for transfer to other institutions. The student is advised to check with that school for their policy on transfer of credits from a course marked as "pass/fail".





# STUDENT SUPPORT SERVICES

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## Substitution of a Course

Students and Academic Advisors may request that a particular course be substituted for a course required in the student's major. The course to be substituted may be one that the student has completed at UTTC or at another college/university; it should carry the same credit and level as the course it is to replace. Course substitutions are not reflected on the academic transcript. The Academic Advisor completes and submit the Course Substitution form to the Registrar's Office for processing.

## Independent Study Course Procedures

### Rationale

These procedures will outline the steps associated with requesting and scheduling an independent study course for a given semester at UTTC. These steps will ensure the requests for independent studies are communicated from the student, to the instructors, and to the Registrar.

## Independent Study Request Procedures

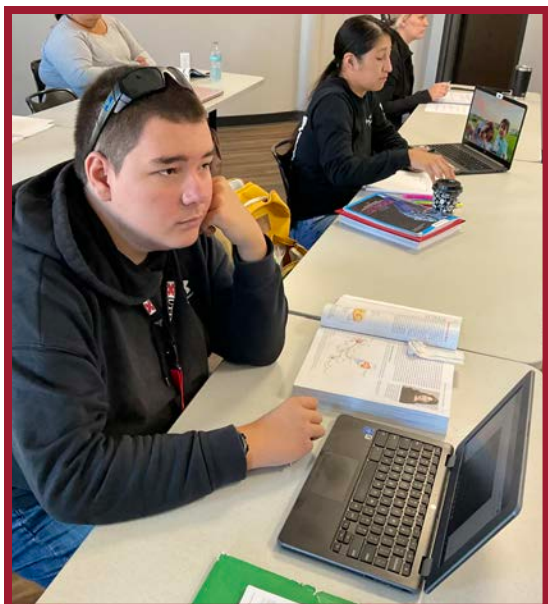
UTTC recognizes there may be instances when a student needs to take a course that is currently not being offered according to the master course schedule. In these exceptional cases, the course or courses may be offered as independent study courses, providing the following steps have been taken:

1. When the need for an independent study course for a student is determined, the student's primary advisor will request approval from the Dean of Instruction to offer a class as an independent study course provided there is a legitimate student need (i.e., extenuating circumstances). The advisor will complete the Independent Study Contract form that is available from the Registrar's Office.
2. The Dean of Instruction will approve, on a case-by-case basis, the independent study course request based on student course need and availability of instructional resources.
3. Provided there is a legitimate student need, approval will be given by the Dean of Instruction to offer the course as an independent study.
4. The advisor will inform the student that the course will be offered as an

independent study course, and:

- A. Inform the student the standard tuition rates and applicable fees apply to independent study courses.
  - B. Discuss with the student the dynamics of an independent study course, including limited face-to-face instructional time, adherence to student learning objectives and assessment processes, self-directed learning, timeframe and deadlines, adherence to the other course syllabus requirements, etc.
5. The student requesting the independent study must agree to attend scheduled meetings with the instructor, with a mandatory face-to-face meeting with the independent study instructor at the beginning of the course and at the end of the term.
  6. The student must sign the Independent Study Student Contract, a copy of which will be given to the student and the Dean of Instruction.
  7. Once the advisor has a signed Independent Study Student Contract, the Dean of Instruction will contact the Registrar's Office to have the course scheduled as an independent study course. The Dean of Instruction will provide the Registrar's Office with the course, name of the instructor, and name of the student. The Registrar's Office will add the course to the schedule and permit registration for the student. The course will then be closed to additional registrations to ensure other students are not inadvertently enrolled. Independent study courses will be scheduled to run for the same number of weeks as other courses in the term, and maintain established course codes, names and numbers. For ease of identification, these courses will be coded as an "I" section.

The independent study course student and instructor will adhere to established instructional policies, including regular tracking of satisfactory academic progress, grading procedures, and submitting mid-term and final grades as scheduled. The instructor has the responsibility of maintaining the integrity and high expectations for the independent learning process and its outcomes.



### Student Course Load

A full-time student is registered for a minimum of 12 credit hours during the fall and spring semester and 6 credit hours during the summer semester. Any student wishing to enroll in more than 20 credit hours in a semester (9 during the summer semester) must submit an email request to his or her advisor who will forward it to the Vice President of Academic Affairs for approval. If the student is approved for an overload, the Registrar will register the student for the additional credit(s).

### Prerequisite and Corequisite Courses

It is the intent of United Tribes Technical College (UTTC) to guide students into courses in which they will have the greatest chance for academic success. Prerequisites and corequisites for each course are listed in the catalog description. A prerequisite is a course requirement a student must meet in order to demonstrate current readiness for enrollment in a course or educational program. A corequisite is a course a student is required to take concurrently (at the same time) in order to enroll in another course.

UTTC requires students to successfully complete prerequisites as pre-enrollment preparation, with successful completion defined as a grade of C or better in the prerequisite course. It is the student's responsibility to meet the necessary prerequisite(s) for any course taken. The student may be dropped from any class where it is verified that the necessary prerequisite has not been met.

There are unique instances in which the prerequisite course can be waived. For example, transfer students who have taken a course similar to the prerequisite can submit the Petition for Prerequisite/Corequisite Override form for approval that will allow the student to register for a course without successfully completing the prerequisite course. This form can be found on the UTTC Registrar's website page.

Corequisite courses at UTTC are courses that require the student to register for two courses at the same time. For example, students enrolled in lab science courses are required to also register for the corequisite lab course. One of the courses provides an opportunity for the student to apply what they are learning in the corequisite course so must be taken at the same time.

If a student chooses to withdraw from a course with a corequisite, the student must withdraw from both the course and the corequisite, and not one or the other. If the student fails a corequisite course, and has to retake the course, the student will be required to submit the Petition for Prerequisite/Corequisite Override form prior to registration. If approved, the student will retake the corequisite course he or she failed without having to re-take the corequisite course. This form can be found on the UTTC Registrar's website page.

Questions about prerequisites and corequisites should be resolved with an Academic Advisor prior to the first day of class.

### Catalog Rights

A student must fulfill degree requirements as stipulated in the UTTC Academic Catalog. A student who maintains "continuous enrollment" will adhere to the Catalog in effect at the time the student began attending UTTC.

Continuous enrollment is defined as being officially enrolled in one primary term per academic year regardless of the number of credits completed. Active military duty will maintain a student's continuous attendance status providing the student returns at the first registration for fall/spring semester following release.

### Grading

UTTC uses letter grades to evaluate student work in each class. In order to receive grades and credit, students must meet course requirements. Instructors are responsible for

determining final grades. A student's GPA is determined by dividing the number of honor points earned each semester by the total semester hours attempted. The cumulative GPA is determined by the same formula. Incomplete and withdrawn semester hours are not used in calculating a student's GPA. Semester hours failed are used in calculating GPA. When a course is repeated, the most recent grade will be used to calculate GPA.

Grade	Explanation	Honor Points Per Credit
A	Excellent	4
B	Good	3
C	Satisfactory	2
D	Unsatisfactory	1
F	Failure	0
I	Incomplete	0
W	Withdraw	0
N	Non-Credit	0

A student is required to earn a grade of 'C' or higher in any course required for the degree that he or she is seeking. A degree of any type will not be granted until all requirements identified on a degree plan are fulfilled. A grade of 'D' or 'F' will not fulfill the requirements for any course listed on any degree plan at United Tribes Technical College.

### Grade of Incomplete

A grade of I (Incomplete) will be recorded when a student is making progress in classes but is unable to complete course requirements for reasons beyond the student's control and after negotiation between the teacher and the student about how the course can be completed. Except for emergencies, such as exceptional personal illness, a death in the family, or other unforeseeable emergencies, a student must contact their instructor within two weeks prior to an event or events that they feel would interfere with their ability to attend class and finish the semester successfully. The student must have a minimum of a current 'C' grade or higher at the time the incomplete is requested for it to be considered. A request for an incomplete grade cannot be perceived as a "last ditch" effort to pass a course. Copies of the negotiated agreement will be filed with the Registrar, the advisor, and the student. Students have ten business days after the end of the current semester to complete the

necessary work. The instructor must contact the Registrar's Office and request to change the incomplete grade to the appropriate letter grade by the deadline or it converts to an "F."

### Grade Changes

The determination of the student's grade by the instructor shall be final. The following policies apply to changes of grades, except for changes of Incomplete (I) and Withdrawal (W) grades:

- In general, all course grades are final when filed by the instructor at the end of the term. These grades become a part of the student's permanent record.
- A change of grade shall not occur as a consequence of the acceptance of additional work or re-examination beyond the specified course requirements.
- A request for a grade change shall be initiated by the student affected or by the instructor within one week (5 business days) following the award of the original grade. If the instructor determines there is a valid basis for the grade change, due to a calculation error, a grade change request will be submitted to the Registrar. If the instructor determines there is not a valid basis for the change and denies the student's request, the grade will remain as recorded.

The student may formally appeal the grade by submitting a written letter of appeal (email) to the Dean of Instruction within ten (10) business days after the award of the original grade. The Dean or Director will respond to the appeal within three (3) business days with the final decision.



## Repeated Courses

When a student repeats a course, only the last grade received and credits earned are included in the GPA computation. If a student withdraws (W) while repeating a course, the original grade is included in the GPA computation. Once the degree has been awarded, the student cannot repeat any course to improve his/her GPA.

## Classification of Students

UTTC students are classified according to the number of credit hours earned numbered 100 level or above.

Freshmen	Students who have earned less or equal to 30 credits.
Sophomores	Students who have earned 31-60 credits.
Juniors	Students who have earned 61-90 credits.
Seniors	Students who have earned 91 credits or more.

## Satisfactory Progress

To maintain good academic standing, a student must have a minimum UTTC Cumulative and Term GPA of a 2.0. First semester students are considered to be in good academic standing by default until grades are reported at the end of their first semester. Only students in good standing may represent the College at authorized academic, vocational, and athletic events.

## Academic Honors

UTTC believes it is important to recognize students who have distinguished themselves with high scholastic achievement. Full-time students with a term GPA of 4.0 will be placed on the President's List. Full-time students with a term GPA of 3.50-3.99 will be placed on the Vice President's List. These lists are publicized to give recognition to the students and are noted on the student's transcript.

## Academic Probation

A student will be placed on probation (and will remain on probation) at the end of a semester if either the term Grade Point Average (GPA) is below 2.00. When a student is on academic probation, the student must achieve a term GPA of at least 2.00 during the subsequent semester to be removed from probation. If these conditions are not met by the end of the semester in which the student is on probation, the student will be academically suspended.



## Academic Suspension Appeals Procedure

The student has the right to appeal the withdrawal action within 3 business days of the date that they are emailed the notification of withdrawal and explanation of appeal rights.

*Examples of extreme circumstances that may warrant an exception:*

- The cumulative GPA is so low that it was mathematically impossible to meet the required standard, but there was significant progress (the term GPA met the required standard).
- The student was directly involved in a serious personal or family issue during the semester.

*How to submit an appeal:*

- The student's appeal must be made in writing and emailed to the Vice President of Academic Affairs (VPAA).
- The written appeal must contain a clear statement about the extreme circumstances outside the student's control that warrant an exception. The student should submit evidence of the situation.
- The VPAA will review the email and visit with the student's Academic Advisor(s), instructors, and Wellness Counselor about attendance, completion of assignments, and how well the student communicated with instructors.
- The appeal must be submitted by the deadline indicated in the suspension letter sent by the Registrar's Office.



### After the appeal is submitted:

- The VPAA will acknowledge receipt of the appeal and respond within two (2) business days.
- Once the decision has been reached, the student will receive a written response from the VPAA. The student should not travel back to campus with the expectation of re-enrolling unless he or she has been notified the appeal has been granted.
- The VPAA will officially notify Financial Aid, Housing and the Registrar of the outcome of the appeal. A copy of the decision notification will be placed in the student's file in the Registrar's Office.
- If the appeal is successful, the student's end-of-term academic standing will be changed from academic suspension to academic probation by appeal for one semester. The student will be expected to raise his or her GPA to the required level during that term, or be suspended.
- A student can only have one successful suspension appeal. If a student is suspended for a second time, the student is eligible to re-apply after a one-year (12 months) period.
- The decision by the VPAA is final. The student will not attend classes any day after the final decision.

### Withdrawal from the Institution

A student wishing to withdraw from the College and all classes may do so by meeting with their Academic Advisor or Wellness Counselor. A Student-Initiated Withdrawal form will be completed and signed by the advisor and Wellness Counselor. The counselor will process the withdrawal and submit it to the Registrar's Office.

College-initiated withdrawals of students are initiated upon occurrence of any of the following: (1) the student is unable to meet their payment obligations; (2) lack of required academic progress; (3) excessive absences; or (4) violations to the Student Code of Conduct. If students are unable to meet their payment obligations with UTTC by the Census Date, Student Accounts will submit a request to the student's Wellness Counselor to depart the student based on non-payment. Payment obligations are defined as having a bill that exceeds \$750 or the ability to pay in full for the self-paying student. The Wellness Counselor will complete the Official

Institutional Withdrawal form and submit it to the Registrar's Office at the close of business on the Census Date for processing. The Wellness Counselor will notify the appropriate parties on campus that the student is no longer enrolled at UTTC.

The grades recorded for students who choose to withdraw, or are withdrawn, are the same as with the Add/Drop process.



### Student Appeals

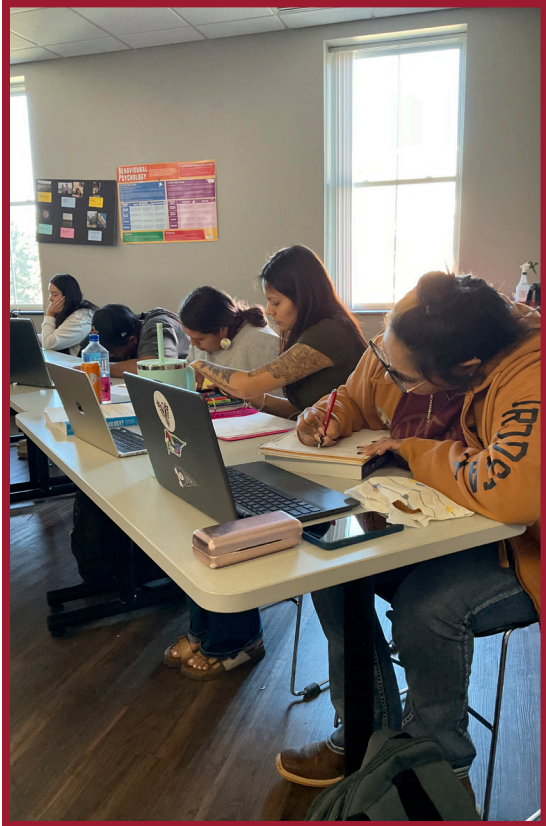
A student who is withdrawn from the College for whatever reason has the right to appeal the withdrawal. The student has three (3) business days after receiving the withdrawal notice to submit a written appeal to the appropriate Vice President. If the withdrawal is disciplinary, the student will appeal to the Vice President of Campus Services. If the withdrawal is due to excessive absences and/or failing grades, the student will appeal to the Vice President of Academic Affairs. The decision of the Vice President is final.

### Student Complaint

The administration, faculty and staff at UTTC do everything they can to make sure services are provided to students in a prompt, courteous, and consistent manner. If a student feels this is not happening, and has tried to resolve the issue with those involved, he or she can file a student complaint. The link to file a complaint can be found by logging into My.UTTC.edu and clicking on the Student Information tab. On the bottom of that page, there is a Student Complaints box. The student will complete the form and hit "submit". A response will be provided within 3-5 days.

## Continuing Education Units

UTTC offers Continuing Education Units (CEUs) to document and provide credit for professional development activities. These units are offered through workshops, institutes, and a variety of other training formats. All training for CEUs must be pre-approved through the Registrar's Office.



## Career Services

UTTC Career Services provides an array of career resources to assist students in reaching their college to workplace goals. Incoming students will be introduced to a career exploration assessment called the Focus 2. The Focus 2 is to help narrow down a major and career path. This career assessment can be taken online anytime via the link on the Career Services webpage. Usernames are the student's UTTC email addresses and passwords are created by the student. Results are available immediately to the student and the Transfer and Career Services Coordinator. Each first-year student completes the Focus 2 in their first year experience class; however, an incoming student may take the Focus 2 prior to the class and schedule a time to go

over the results with the Transfer and Career Services Coordinator.

After students have declared a major, Career Services guides student career paths through work-related experiences. Examples of these are job shadowing, attending employer talks, working off campus, attending tours of graduate schools and companies, career fairs, and internships. All of these experiences are explained and advertised. Students may also visit the Transfer and Career Services Coordinator to set up a work-related experience.

Career Services also assists students with creating cover letters and resumes. These are used when applying to jobs. In addition, students are educated on soft skills, interviewing, job searching, salary information within their major, and transitioning to the world of work. The Transfer and Career Services Coordinator visits classrooms with this information.

Each UTTC student should register online with the Career Services online career platform to gain access to local and national job listings, career related articles and videos, internships, ability to create a free platform profile for employers to view, and much more.

A career corner in the upper level of the Jack Barden Center is available for students to find information on transferring, current job postings and internships, and salary and job websites specific to each major. Please help yourself to any information.

In working with employers, Career Services can assist a company or organization in finding skilled UTTC talent. Some partnering options include: connecting with UTTC Career Services on our online career platform, linked on the Career Services webpage, to post job openings and connect with UTTC students and alumni, hosting student internships, providing short job shadowing experiences and tours at your site, speaking to classes about their chosen fields, being part of the advisory board, on campus interviewing, and attending the on campus Career Fair twice per year.

The UTTC Transfer and Career Services Coordinator and Career Resource Center is located at the southeast end of campus on the upper level of the Jack Barden Center, in the Student Services Department.

Please call UTTC Career Services at 701-221-1863 or email [careers@uttc.edu](mailto:careers@uttc.edu) for more information. Visit the UTTC career services page at: <https://uttc.edu/student-life/student-services/career-services/>.



# STUDENT SUPPORT SERVICES

Check for catalog updates at [www.uttc.edu](http://www.uttc.edu)



## Apprenticeship Program

### Background

The Tribal College Apprenticeship Program (TCAP) is a new initiative funded by Hess, Nabors, and Halliburton Corporations with the five North Dakota tribal colleges to improve the educational, training, and employment opportunities for students (and others) across North Dakota.

Launched in January 2023, TCAP is a four-year initiative funded at \$14 million as an investment by Hess, Nabors, and Halliburton Corporations for the tribal colleges to establish registered apprenticeships in a variety of disciplines for tribal and regional employment. The funding will be used to support students but also to help employers with workforce needs.

### What are Apprenticeships?

An apprenticeship is a paid job that combines on-the-job training with classroom instruction to prepare workers for skilled careers. The benefits of apprenticeships include paid work experience, receiving a skills-based education, a nationally recognized credential, and having tuition paid for.

Apprenticeships are available in many industries, including manufacturing, construction, information technology, health care, energy, transportation, and logistics. Apprentices start out earning less than a skilled tradesman, but wages increase once they become more proficient in their skills.

### What We Offer

The UTTC Apprenticeship Program currently offers registered apprenticeships

involved with the Business Administration and Computer Information System programs. There will be expansion to other degree programs in the future to involve more students.

We have funding for 4 students per calendar year. We offer tuition, childcare, and housing assistance, along with gas cards to students who are selected to participate in the program.

### Apprentice Requirements

Apprentices will be required to maintain full-time student status throughout the duration of their apprenticeship. Apprentices could only move to part-time student status if it is at the end of their degree and there are no other class options to become full-time. If an apprentice fails to maintain full-time student status throughout a semester, they will not be able to receive any scholarship or tuition aid.

For apprentices to receive their assistance, they need to be in good standing with their grades and class attendance, along with work attendance. If in good standing, they qualify for their monthly assistance checks.

Apprentices are also required to attend bi-weekly check-ins with their on-the-job mentor and someone in the apprenticeship office. During these check-ins, apprentices will be asked about what skills they have been working towards and the number of hours spent on these specific skills.

### Contact Information

Contact the Apprenticeship Coordinator at 701-221-1870 or email [apprenticeships@uttc.edu](mailto:apprenticeships@uttc.edu) for more information regarding the program.

## CARE Center

The Center for Achievement, Retention and Engagement (C.A.R.E.) was created in January 2020 to provide equity and access for first year college students. All UTTC college students are welcome and encouraged to stop in for tutoring needs, assistance with developing study skills and time management, and more. The CARE Center also provides information about resources and activities available on campus and in the community. The CARE Center is located in the lower level of the Jack Barden Center. Contact, Student Activities and Retention Coordinator, at 701-221-1411 for more information.

# 2024-2025 Academic Affairs



- ✓ UTTC Academic Programs
- ✓ Division of Academic Affairs
- ✓ Institutional Review Board
- ✓ General Education Matrix
- ✓ Institutional requirements for Certificates and Degrees

*Leadership  
Begins  
Here*



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TECHNICAL COLLEGE**



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ACADEMIC AFFAIRS

# Academic Affairs:

UTTC Academic Programs					
Program	Diploma	Certificate	AS	AAS	BS
Automotive Technology	•			•	
Business Administration			•**		•**
Commercial Vehicle Operations (CVO) <i>Fall Semester Only</i>		•			
Computer Information System			•		
Criminal Justice			•**		•**
Elementary Education			•**		•
Environmental Engineering			•		
Environmental Science and Research			•		•
Fisheries and Wildlife Biology			•		•
General Studies*			•**		
Health, Phy. Education & Recreation			•		
Heavy Equipment Operations (HEO) <i>Spring Semester Only</i>		•			
Indigenous Leadership			•		
Paralegal				•***	
Pre-Engineering			•		
Social Work			•		
Sustainable Agriculture and Food Systems			•		
Welding Technology		•			

AAS - Associate of Applied Science

BS - Bachelor of Science

AS - Associate of Science

\*\* - Available Online

\*\*\* - Online Only

### Addiction Studies and Psychology Degree Options

\*UTTC students interested in a career in Addiction Studies or Psychology will follow the General Studies degree plan. To register for courses for Addiction Studies or Psychology, and for more information, contact Brett Williamson at [bwilliamson@uttc.edu](mailto:bwilliamson@uttc.edu) or phone (701) 221-1471, or stop by his office in the Education Building, Room 202 on the second floor. Mr. Williamson is the academic advisor for all students pursuing Addiction Studies or Psychology. Students must meet with him before registering for any courses.

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# Division of Academic Affairs

The Division of Academic Affairs oversees and provides leadership for all academic programs and functions at United Tribes Technical College (UTTC). The Academic Affairs division has the lead responsibility for academic planning and academic budget administration, academic personnel decisions, curricular requirements, degree program development, assessment of student learning, and academic accreditation.

## Academic Affairs Division Goals

- Goal 1:** Develop educational programs that differentiate United Tribes Technical College as a leader in education, leadership development and innovation in student research
- Goal 2:** Implement best practices for advancing student learning in an environment focused on student success
- Goal 3:** Establish a scholarly environment for faculty and staff

## Student success

Student success at UTTC extends beyond academic achievement to leadership development. Successful student leaders develop positive campus community relationships and display strong work habits, confidence, resilience, and belief in self.

UTTC students identified this definition of student success for cultural, educated, and healthy leaders:

1. Student leaders perceive themselves as contributing members of the campus community.
2. Student leaders are prepared to learn, regularly attend class, complete assignments on time, and demonstrate other positive work habits that contribute to achieving career pathway goals.
3. Student leaders are confident and able to work through life challenges through effective planning and prioritizing.
4. Student leaders believe in their ability to accomplish challenging tasks and that with effort, their ability can grow.

## Attendance Policy & Withdrawal

Students at UTTC are expected to actively engage in all of their class sessions. Expectations for attendance are shared by the faculty members at the beginning of each semester and included in course syllabi. Instructors set up the grade book in their courses in My.UTTC.edu to report absences as "hourly", which is the standard at UTTC for tracking attendance. Students can track and monitor their own attendance, per class, on the Learning Management System (LMS) found at My.UTTC.edu.

It is the student's responsibility to communicate with their instructors regarding any emergencies that cause them to miss class. Regardless of the circumstances, the student is responsible for obtaining any information missed because of the absence and completing any outstanding assignments. The student may refer to the course assignments in My.UTTC.edu, contact another student enrolled in the course, or meet with the course instructor during office hours to get the missing information.

Instructors enter student attendance into My.UTTC.edu on a daily basis during census period (the first two weeks of fall and spring semesters, and the first week of summer semester) and on a weekly basis throughout the academic semester. Attendance is entered as "Present", "Absent-Unexcused", or "Excused" (college-sanctioned absences).

## "Absent-Unexcused" Absences

All absences, with the exception of those referred to as college-sanctioned, are reported in the Jenzabar system (My.UTTC.edu) as "Absent-Unexcused". Students are still able to obtain information about any missed assignments and complete those assignments according to the criteria for late assignments that is detailed in the course syllabi.

## "Excused": College-Sanctioned Absences

College-sanctioned absences are reported as "Excused". College-sanctioned absences include mandatory military obligation, cultural events, religious observances, mandatory court appearances, and participation in college activities at the request of college authorities, such as academic and athletic events. Instructors may request third party documentation and may consult with the Vice President of Academic Affairs regarding what constitutes college-sanctioned events.

Students are responsible for notifying their instructors of expected college-sanctioned



absences prior to the event. If the student does not notify the instructor in advance, the absence will be reported as "Absent-Unexcused".

### Thunder Alert

Instructors will initiate an Thunder Alert, beginning with Level 1 and progressing to Level 3 (see Thunder Alert System Resource Guide for more information):

#### Thunder Alert: Level 1

The student misses one or more of the following:

- The first week of class
- One full calendar week of consecutive classes
- Three (3) consecutive sessions in one course
- Two (2) consecutive lab sessions in one course
- One (1) block class session (HEO, CVO, Welding, Automotive, Sustainable Ag)

OR the student has less than 60% as a grade in one course.

At this first level of Thunder Alert intervention, the instructor submitting the alert will connect with the student. Issues and factors related to academic performance and absenteeism will be identified and discussed during this visit with the student. The student will be provided with resources for improvement, as well as the consequences if the behavior continues. If the instructor feels the issue has been resolved after visiting with the student, the instructor closes the alert. If after 3 days, the instructor does not get a response from the student, and the behavior continues, the instructor submits a Level 2 alert and closes the Level 1 alert. If a different issue arises at a later date, the instructor will submit another Level 1 alert to address the new issue and follow the same process.

#### Thunder Alert: Level 2

The student misses one or more of the following:

- Four (4) or more consecutive sessions in one course
- Three (3) or more lab consecutive sessions in one course
- Two (2) or more consecutive block class sessions (HEO, CVO, Welding, Automotive, Sustainable Agriculture)

OR the student has less than 60% as a grade in two courses.

At this second level of Thunder Alert intervention, the student will be scheduled for a meeting with the primary academic advisor to establish an academic contract to identify specific actions that need to be met for the student's academic success. The academic advisor will utilize current Thunder Alert data when preparing the contract to determine if there are additional attendance and/or satisfactory academic progress concerns in other courses.

This written contract is signed by the student as acknowledgment and understanding of the problem areas and potential steps for improvement. The student will be informed at this meeting that continued absenteeism and poor academic progress will jeopardize the student's academic standing and result in the student being put on probation or being suspended from college.

#### Thunder Alert: Level 3

The following circumstances may initiate a college-initiated (involuntary) withdrawal from the institution:

- If a student is registered and has not attended any of his or her classes within the Census period, which is the first two weeks of the fall or spring semester and the first week of the summer semester.
- A student who misses two consecutive weeks of all current courses without any communication with the academic advisor or Wellness Counselor.

OR the student has less than 60% as a grade in all courses.

In the case of a college-initiated withdrawal due to excessive absences and unsatisfactory academic progress, the primary academic advisor will consult with the Wellness Counselor. The primary academic advisor will sign the Official Institutional Withdrawal Form indicating a college-initiated withdrawal for the student, then send the form to the Wellness Counselor who will submit it for processing. The last date the student attended class must be indicated on the withdrawal form.

The Wellness Counselor is responsible for notifying the student's academic advisor about the withdrawal action, as well as Financial Aid, Registrar's Office, Housing, Safety and Security, Student Accounts, and others as necessary. The academic advisor contacts the student and lets them know they have been withdrawn. The student is informed of the right to appeal the withdrawal as part of the notification process.

## Appeal Process

The student has the right to appeal the withdrawal action within three (3) business days following the date on the Official Institutional Withdrawal form. Appeals for withdrawals due to excessive absences and lack of academic progress are submitted to the Vice President of Academic Affairs (VPAA). Any information that may support the student's appeal should be included in the email, such as circumstances outside of the student's control. The VPAA will respond to the student's email within two (2) business days.

If the appeal is successful, the VPAA will notify the student, the primary academic advisor, Wellness Counselor, Financial Aid, the Registrar's Office, Housing and Vice President of Campus Services. If the appeal is not supported, the VPAA will notify the same parties and the Registrar's Office will record the official institutional withdrawal on the student's official record.

The student submitting the appeal assumes all responsibility for filing appropriate documentation in a timely manner. The decision by the VPAA is final.



## Assignment Deadlines

UTTC supports and fosters the student's responsibility for completing and submitting assignments on or before scheduled due dates and times. If an assignment is due, the student should make every effort to submit the assignment on time. Occasionally, a student may experience an unexpected life event that results in the submission of late work. Communication is the key. Instructors are more than willing to work with students in the event of an emergency if the student

communicates with them before the date and time the assignment is due to make other arrangements.

Late assignment deadlines will vary among departments but will not exceed more than five (5) business days after which the assignment was initially due. Assignment due dates, late assignment deadlines, and late assignment penalties are outlined in course syllabi. Assignments not submitted by the initial deadline date will be reflected in the course gradebook as a zero (0) until the assignment has been submitted.

## Missed Tests, Exams and Quizzes (Formal Assessments)

Students may not make up a missed test, exam or quiz without a valid reason for their absence (illness, family emergency). It is the student's responsibility to contact their instructors before the absence, or within 24 hours after missing the formal assessment. The instructor will review the reason the student missed and determine if the circumstance justifies the student being allowed to take the formal assessment.

Approved make-up assessments must be taken outside of the student's regular class schedule and during a time and location agreed upon between the student and instructor. Students are not to miss another class in order to make-up an assessment for another course.

If the student fails to show on the date and time of the makeup assessment, the student will not be permitted to reschedule the makeup and the assessment will earn a 0% grade.

## Student Behavior in the Classroom

UTTC students will conduct themselves in a responsible and respectful manner in accordance with the Student Code of Conduct (SCC) in the physical classroom, traditional online courses, hyflex courses, and on campus. A student's behavior that interferes with the learning of their peers will not be tolerated in the physical or virtual classroom. This behavior includes chronic tardiness, threatening confrontations, intoxication, inappropriate physical contact, lewd or disrespectful language or gestures directed at the instructor or at fellow students, bullying, direct or indirect intimidation, refusal to turn on their video camera, refusal to be visible via their video camera, or distractions in Zoom sessions. Inappropriate conversations concerning student behavior

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may be those that are face-to-face, through email, on the telephone or through the use of text messages.

Faculty members are expected to maintain professional management of classroom activities at all times in accordance with the Faculty and Employee Handbooks. As such, if a student demonstrates behavior that disrupts or interferes with other students, instructors reserve the right to ask the student to leave the classroom, contact Campus Security, request mediation by the Academic Department Chair or a Wellness Counselor, or file a formal complaint subject to a student disciplinary hearing. This applies to campus-based, hyflex, and online students. The complete Student Code of Conduct can be found in the UTTC Student Handbook.

## Background Checks

All students are required to self-disclose their criminal history on their UTTC admission application. Some programs, such as Elementary Education, Criminal Justice, Commercial Vehicle Operations, and Social Work, also require students to complete a criminal background consent form. Acceptance into any one of these three programs is contingent on the results of the student's criminal background; however, not all convictions will prohibit a student from pursuing one of these degrees. For more information about these three programs, contact the department chair.

**NOTE:** *If the background check for the Elementary Education teacher candidate reveals a conviction, that record must be submitted to the school district in which the candidate intends to student teach. Based on the nature of the conviction, the College and/or the school district can refuse to have the candidate placed as a student teacher in that school district. As a result, the candidate will not complete the requirements for an Elementary Education bachelors degree.*

## Student Organizations (Clubs)

Each degree program offered at UTTC is represented by as student organization club. In addition to the clubs, UTTC sponsors a Student Government organization that represents student government. For more information about Student Government, visit the UTTC website at [www.uttc.edu](http://www.uttc.edu). Clubs are pre-professional student organizations or clubs that provide a unique program of career and leadership development, motivation, and recognition for postsecondary students enrolled

in a career and technical education program.

Clubs meet on a monthly basis and consist of elected representatives who govern the organization and a faculty/staff member serving as an advisor. The faculty/staff advisor collects minutes from the monthly meetings and summaries of club functions and activities. These minutes and summaries are housed in a folder on the share drive.

## Student Academic Honesty Policy

Academic dishonesty includes plagiarism; cheating on assignments or examinations; engaging in unauthorized collaboration on academic work; taking, acquiring, or using course materials without faculty permission; submitting false or incomplete records of academic achievement; acting alone or in cooperation with another to falsify records or to obtain dishonestly grades, honors, awards, or professional endorsement; altering, forging, misrepresenting, or misusing an academic record; or fabricating or falsifying data, research procedures, or data analysis.

Plagiarism is representing the words, creative work, or ideas of another person as one's own without providing proper documentation of source. Examples includes, but are not limited to:

- Copying information word for word from a source without using quotation marks and giving proper acknowledgment by way of footnote, endnote, or in-text citation;
- Representing the words, ideas, or data of another person as one's own without providing proper attribution to the author through quotation, reference, in-text citation, or footnote;
- Producing without proper attribution, any form of work originated by another person such as a musical phrase, a proof, a speech, an image, experimental data, laboratory report, graphic design, or computer code;
- Paraphrasing without sufficient acknowledgment, ideas taken from another person that the reader might reasonably mistake as the author's; and
- Borrowing various words, ideas, phrases, or data from original sources and blending them with one's own without acknowledging the sources.

It is the responsibility of all students to understand the standards and methods of proper attribution and to clarify with each

instructor the standards, expectations, and reference techniques appropriate to the subject are and class requirements, including group work and internet use. Students are encouraged to seek out information about these methods from instructors and other resources (UTTC Librarian) and to apply this information in all submissions of academic work.

### Academic Dishonesty Procedure

When the faculty member suspects academic dishonesty, the instructor should first confer with the student. If the student admits to the violation, the instructor should inform the student of the grade penalty and document the action taken in the Early Alert System. If it is the student's first offense for the semester, the student will receive a failing grade (0%) on the assignment. If the student has committed the same offense more than once in the same course, the student will fail the course.

If a student is found to have violated the Student Academic Honesty Policy, the faculty member will report the student's position in the email to the faculty's supervisor and submit a grade of "INC" or incomplete until the matter is decided. If the student chooses to appeal the allegation of academic dishonesty, the student will submit a written statement to the Department Chair within three (3) business days of when the grade is recorded. The Dean of Instruction will conduct a fact-finding investigation and attempt to resolve the matter.

If the matter cannot be resolved then mediation will be proposed between the student, the faculty member and the Dean of Instruction. The Dean of Instruction will render a final decision within five (5) business days.

If the student fails a course due to repeated academic dishonesty violations, it will be reported on the student's permanent academic record in the Registrar's Office.

### Cell Phone Usage

In general, cell phones will be limited to silent or vibrate mode during class time and meetings. Instructors reserve the classroom management privilege to restrict cell phone usage as specified on course syllabi and for classroom activities, guest presentation, and during tests. For parental or family emergency situations, students will consult in advance with their instructors about using personal cell phones for accommodating such situations.

# Institutional Review Board

The Institutional Review Board (IRB) reviews and approves of research conducted on human subjects. IRB approval must be obtained before the data collection begins and specific IRB paperwork must be submitted to the UTTC IRB before research can be approved.

There are four main reasons that UTTC has created an IRB. One, the IRB process ensures that any and all UTTC-associated research does not harm human subjects in any way. This goes in hand with the Native view of taking care of relatives and community. Two, adherence to IRB guidelines helps to ensure the highest quality research at UTTC. Third, federal laws mandate that institutions of higher education that are participating in any type of government-sponsored research have an IRB in place. Finally, all universities and nearly all colleges have IRBs. The UTTC IRB is registered with the U.S. Department of Health and Human Services Office for Human Research Protections (OHRP). The registration number for the United Tribes Technical College IRB #1 is IRB00005063. For more information about the UTTC IRB, please visit the UTTC website.



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## GENERAL EDUCATION MATRIX

Course/Number	Course/Title	Credits	GERTA
<b>COMMUNICATIONS</b>			
COM 110	Fundamentals of Public Speaking	3	•
ENG 110	Composition I	3	•
ENG 120	Composition II	3	•
ENG 125	Introduction to Professional Writing	3	
ENG 211	Introduction to Creative Writing	3	
IND 216	Indigenous Workplace Communications	3	
<b>ARTS &amp; HUMANITIES</b>			
ART 112	Tribal Arts I*	3	
ART 212	Tribal Arts II*	3	
ART 130	Drawing I	3	
ART 146	Indigenous Beadwork of North America	3	
ART 150	Indigenous Ceramics of North America	3	
ART 166	Contemporary Indigenous Art	3	
ART 204	Indigenous Jewelry	3	
HUM 101	Introduction to Humanities	3	•
HUM 106	Readings in Native American Literature*	3	•
HUM 122	Indigenous Food Sovereignty*	3	
HUM 191	Očhéthi Šakówin (Seven Council Fires) History & Culture*	3	
HUM 240	Ethnobotny	3	
IND 101	Indigenous Language I*	3	
IND 102	Indigenous Language II* (pre-requisite required)	3	
IND 105	Indigenous Culture Competency I*	3	
IND 211	Indigenous Culture Competency II* (pre-req. required)	3	
PHI 210	Ethics	3	•
<b>SOCIAL SCIENCES</b>			
ART 210	Art History I	3	
HIS 103	U. S. History to 1877	3	•
HIS 104	U. S. History since 1877	3	•
IND 110	Introduction to Indigenous Leadership*	3	
IND 200	Introduction to Federal Indian Law*	3	
IND 210	Indigenous Leadership and Ethics*	3	
IND 271	Indigenous Rights, Advocacy, and Social Justice*	3	
POL 115	American Government	3	•
PSY 111	Introduction to Psychology	3	•
PSY 230	Educational Psychology	3	
PSY 250	Developmental Psychology	3	•
PSY 270	Psychological Disorders & Treatment	3	•
SOC 110	Introduction to Sociology	3	•
SOC 241	Contemporary Issues of Indigenous Peoples*	3	
SOC 275	Native American Studies*	3	•



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MATH, SCIENCE & TECHNOLOGY			
MTH 101	Introduction to Algebra	3	
MTH 102	Intermediate Algebra	3	
MTH 103	College Algebra	4	•
MTH 104	Finite Math	4	•
MTH 107	Precalculus	4	•
MTH 129	Basic Linear Algebra	3	
MTH 210	Elementary Statistics	3	•
MTH 266	Differential Equations	3	
BIO 111/LAB 111	Concepts of Biology/Lab**	3/1	•
BIO 124	Environmental Science	3	•
BIO 150/LAB 150	General Biology I/Lab**	3/1	•
BIO 151/LAB 151	General Biology II/Lab**	3/1	•
BIO 220/LAB	Anatomy and Physiology I with Lab	4	
BIO 221/LAB	Anatomy and Physiology II with Lab	4	
BIO 230	Ecology	3	•
CHM 115/LAB 115	Introductory Chemistry I/Lab**	3/1	
CHM 121/LAB 121	General Chemistry I/Lab**	3/1	•
CHM 122/LAB 122	General Chemistry II/Lab**	3/1	•
GEO 105	Physical Geology with Lab	4	•
GIS 105	Fundamentals of GIS	3	
LAB 252	University Physics II Lab	1	•
PHY 105/LAB	Physical Science by Inquiry with Lab**	4	•
PHY 211	College Physics **	4	•
PHY 251	University Physics I	4	•
PHY 252	University Physics II	4	•
SCI 201/LAB	Earth Science/Lab**	4	
SOI 210	Introduction to Soil Science	3	
CSC 101	Introduction to Computers	3	•
CSC 160	Computer Science I	4	
INSTITUTIONAL SPECIFIC			
FND 106	First Year Experience and Healthy Living	2	
GPE 101	First Aid & CPR	1	
GPE 102	Introduction to Fitness	1	
GPE 104	OSHA 10 Safety	1	
GPE 106	Introduction to Sports Officiating	1	
GPE 240	Fundamentals of Nutrition	3	
* Meets Native American Course Requirements    ** Satisfies the 4 Credit Lab Science Requirements			

The General Education Matrix is a listing of the general education courses offered at United Tribes Technical College (UTTC). Most, but not all, of the courses listed on the General Education Matrix are based on GERTA (General Education Requirement Transfer Agreement), an approved set of general education courses that are transferable between North Dakota University System campuses and North Dakota's five tribal colleges. Some general education courses, such as Career Math, are not included on the matrix because they are specific to certificate or diploma programs and not applicable to degree programs.

Students who are planning to transfer to a different college or university should be informed about which courses will transfer, particularly the electives. It is the student's responsibility to contact the institution to which they intend to transfer to find out which courses will transfer. The Transfer and Career Services Coordinator is available to assist students with the transfer process.

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<b>INSTITUTIONAL REQUIREMENTS FOR AS, AAS AND BS DEGREES, CERTIFICATES AND DIPLOMAS</b>		
<b>INSTITUTIONAL REQUIREMENTS FOR AS DEGREES</b>		
<b>AS</b>	<b>REQUIRED COURSES</b>	<b>HLC REQUIRES 24 CREDITS</b>
Communication	COM 110, ENG 110, ENG 120	9
Arts and Humanities*	See Gen Ed Matrix	3
Social Science	See Gen Ed Matrix	3
Math, Science & Tech.	See Gen Ed Matrix	10
Institutional Specific	FND 106	2
Total Required by UTTC		27
<b>INSTITUTIONAL REQUIREMENTS FOR AAS DEGREES</b>		
<b>AAS</b>	<b>REQUIRED COURSES</b>	<b>HLC REQUIRES 15 CREDITS</b>
Communication	COM 110, ENG 110	6
Arts and Humanities*	See Gen Ed Matrix	3
Social Science	See Gen Ed Matrix	3
Math, Science & Tech.	See Gen Ed Matrix	6
Institutional Specific	FND 106	2
Total Required by UTTC		20
<b>INSTITUTIONAL REQUIREMENTS FOR BS DEGREES</b>		
<b>BS</b>	<b>REQUIRED COURSES</b>	<b>HLC REQUIRES 30 CREDITS</b>
Communication	COM 110, ENG 110	9
Arts and Humanities*	See Gen Ed Matrix	6
Social Science	See Gen Ed Matrix	6
Math, Science & Tech.	See Gen Ed Matrix	10
Institutional Specific	FND 106	2
Total Required by UTTC		33
<b>INSTITUTIONAL REQUIREMENTS FOR CERTIFICATES</b>		
<b>CERTIFICATE</b>	<b>REQUIRED COURSES</b>	<b>UTTC REQUIRES 5-7 CREDITS</b>
Math, Science & Tech	MTH 106	
Institutional Specific	GPE 101; GPE 104; FND 106	
<b>INSTITUTIONAL REQUIREMENTS FOR DIPLOMAS</b>		
<b>DIPLOMA</b>	<b>REQUIRED COURSES</b>	<b>UTTC REQUIRES 11 CREDITS</b>
Communication	ENG 105	
Math, Science & Tech	MTH 106; CSC 101	
Institutional Specific	FND 106	

\*Approved Native American Studies Course see Gen Ed Matrix

# 2024-2025

# Academic Programs



- ✓ Automotive Technology
- ✓ Business Administration
- ✓ Criminal Justice
- ✓ Computer Information Systems
- ✓ Commercial Vehicle Operations
- ✓ Elementary Education
- ✓ Environmental Engineering
- ✓ Environmental Science & Research
- ✓ Fisheries and Wildlife Biology
- ✓ General Studies
- ✓ Health, Physical Education & Recreation
- ✓ Heavy Equipment Operations
- ✓ Indigenous Leadership
- ✓ Social Work
- ✓ Paralegal (Online Only)
- ✓ Pre-Engineering
- ✓ Sustainable Agriculture & Food Systems
- ✓ Welding Technology

*Leadership  
Begins  
Here*



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## AUTOMOTIVE TECHNOLOGY

Automotive technicians face a challenging future in the automotive field due to the increased complexity of electronically controlled components. Some 46,000 automotive service technicians and mechanics will be needed to fill roles through 2026, according to the Bureau of Labor Statistics. The qualified automotive technician has assured full-time work and a favorable income.

The Automotive Technology (AUT) program provides theory plus the technical skills needed to enter the automotive repair job market. Upon completion, the graduate can continue a course of study in the field or pursue a career such as Auto Specialist Line Technician, Service Manager, Shop Foreman, Service Consultant at the Apprentice/Entry Level Position, or as an owner of an independent repair facility. UTTC automotive training facility is equipped with state-of-the-art equipment used in major dealerships and repair facilities.

Students entering the Automotive Technology program need good math skills, reading and computer skills to successfully complete the required courses.

The Automotive Technology program, working in conjunction with the ASE Education Foundation, qualifies students to take the nationally approved Automotive Service Excellence (ASE) certification exams.

### Industry Expectations:

Due to the stringent safety requirements and rigorous physical demands of operating specific tools, equipment, and machinery, students participating in the UTTC Automotive Technology program must meet certain physical requirements. The physical demands described here are representative of those that must be met by any employee in specific industries to successfully perform the essential functions of the training and industry jobs. Reasonable accommodations may be requested by individuals with disabilities. The Disabilities Services Coordinator will determine, on a case-by-case basis, if the accommodation requested is reasonable.

The student is regularly required to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble large and very small objects or controls.

The student is frequently required to stand; walk; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl.

The student must regularly lift and/or move up to 50 pounds and occasionally lift and/or move up to 100+ pounds with assistance.

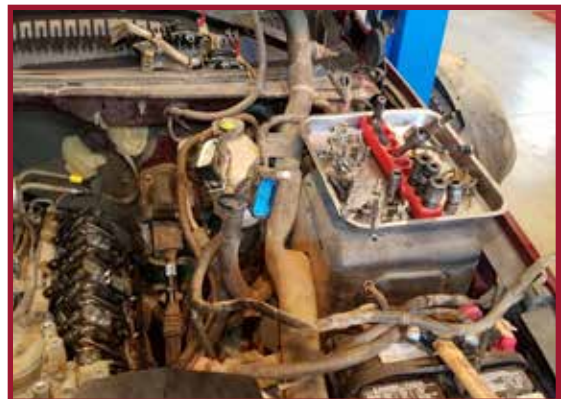
Students entering the Automotive Technology program should have good math, reading and computer skills to successfully complete the required courses.

The Automotive Technology program, working in conjunction with the National Automotive Technicians Education Foundation, qualifies students to take the nationally Approved Automotive Service Excellence (ASE) certification exams.

### Program Learner Outcomes

Graduates of the UTTC Automotive Technology AAS degree and diploma programs will:

1. Diagnose automotive concerns
2. Differentiate the undertakings of a repair
3. Apply automotive language
4. Diagnose and repair or replace drivability systems and components.



# AUTOMOTIVE TECHNOLOGY ASSOCIATE OF APPLIED SCIENCE

(61 Credits Required)

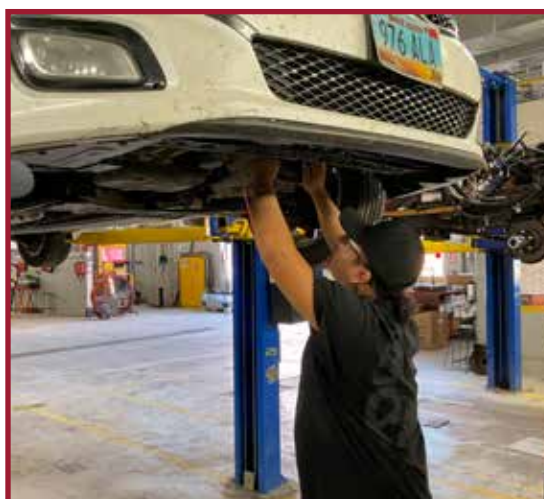
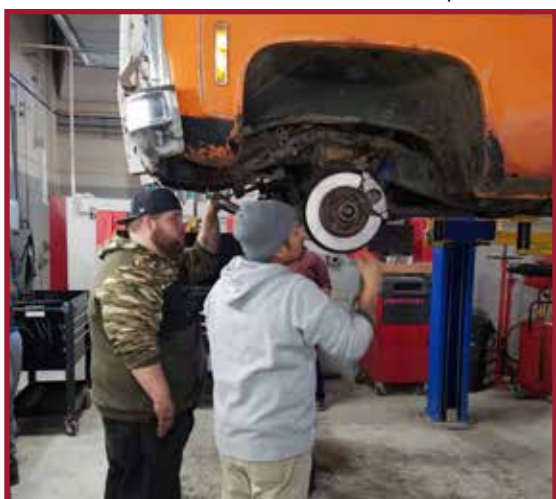


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## GENERAL EDUCATION REQUIREMENTS (20 CREDITS)

Course Number	Title	Credits
<b>COMMUNICATIONS (6 CREDITS)</b>		
ENG 110	Composition I	3
COM 110	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (3 CREDITS)</b>		
	See Gen. Ed Matrix*	3
<b>SOCIAL SCIENCES (3 CREDITS)</b>		
	See Gen. Ed Matrix*	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (6 CREDITS)</b>		
CSC 101	Introduction to Computers	3
MTH 101	Introduction to Algebra	3
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
FND 106	First Year Exp. & Healthy Living	2
<b>REQUIRED PROGRAM CORE COURSES (41 CREDITS)</b>		
AUT 101	Intro to Automotive Service and Safety	1
AUT 102	Engine Repair and Service	4
AUT 104	Manual Drive Trains & Axles	4
AUT 105	Automotive Brakes	4
AUT 106	Automotive Electrical Systems	8
AUT 201	Engine Performance	8
AUT 202	Steering & Suspension	4
AUT 203	Automatic Transmissions/Transaxles	4
AUT 204	Heating and Air Conditioning	4
<b>FREE ELECTIVES (2 CREDITS)</b>		
WLD 150	Intro to Welding	2
	<b>See Gen. Ed. Matrix</b>	

\* Denotes Native Studies institutional requirement.



AUTOMOTIVE TECHNOLOGY

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AUTOMOTIVE TECHNOLOGY

## AUTOMOTIVE TECHNOLOGY DIPLOMA

(52 Credits Required)

### GENERAL EDUCATION REQUIREMENTS (11 CREDITS)

Course Number	Title	Credits
<b>COMMUNICATIONS (3 CREDITS)</b>		
<b>ENG 105</b>	Technical Communications	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (6 CREDITS)</b>		
<b>CSC 101</b>	Introduction to Computers	3
<b>MTH 106</b>	Career Math	3
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
<b>FND 106</b>	First Year Exp. & Healthy Living	2
<b>REQUIRED PROGRAM CORE COURSES (41 CREDITS)</b>		
<b>AUT 101</b>	Intro to Automotive Service and Safety	1
<b>AUT 102</b>	Engine Repair and Service	4
<b>AUT 104</b>	Manual Drive Trains & Axles	4
<b>AUT 105</b>	Automotive Brakes	4
<b>AUT 106</b>	Automotive Electrical Systems	8
<b>AUT 201</b>	Engine Performance	8
<b>AUT 202</b>	Steering & Suspension	4
<b>AUT 203</b>	Automatic Transmissions/Transaxles	4
<b>AUT 204</b>	Heating and Air Conditioning	4
<b>FREE ELECTIVES (2 CREDITS)</b>		
<b>WLD 150</b>	Intro to Welding	2
	<b>See Gen. Ed. Matrix</b>	

\* Denotes Native Studies institutional requirement.



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## BUSINESS ADMINISTRATION

In a rapidly changing economy, new opportunities arise every day for individuals with specific business knowledge and administrative skills. Top careers available to business administration majors include: accountant, administrative executive, chief executive officer, manager, consultant, director, human resource manager, public relations specialist, and many other rewarding careers. Our business administration degree programs will provide you with the skills needed to be competitive and effective leaders in the business world.

### Program Learner Outcomes

Graduates of the UTTC Business Administration AS degree program will:

1. Apply generally accepted accounting principles to business activities.
2. Distinguish marketing strategies appropriate for diverse populations.
3. Recognize basic management principles as they apply to diverse organizations.
4. Identify micro-and macro-economic theories.

<b>BUSINESS ADMINISTRATION ASSOCIATE OF SCIENCE</b> (63 Credits Required)		
<b>GENERAL EDUCATION REQUIREMENTS (33 CREDITS)</b>		
<b>Course Number</b>	<b>Title</b>	<b>Credits</b>
<b>COMMUNICATIONS (9 CREDITS)</b>		
<b>ENG 110</b>	Composition I	3
<b>ENG 120</b>	Composition II	3
<b>COM 110</b>	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (6 CREDITS)</b>		
	<b>See Gen. Ed Matrix*</b>	6
<b>SOCIAL SCIENCES (6 CREDITS)</b>		
<b>PSY 111</b>	Introduction to Psychology	3
	<b>See Gen. Ed Matrix*</b>	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (10 CREDITS)</b>		
<b>CSC 101</b>	Introduction to Computers	3
<b>MTH 102</b>	Intermediate Algebra	3
<b>or MTH 103</b>	College Algebra	4
<b>or MTH 104</b>	Finite Math	4
<b>LAB Science</b>	<b>See Gen. Ed Matrix</b>	4
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
<b>FND 106</b>	First Year Exp. & Healthy Living	2



BUSINESS ADMINISTRATION

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<b>REQUIRED PROGRAM CORE COURSES (30 CREDITS)</b>		
<b>ACT 200</b>	Elements of Accounting I	3
<b>ACT 201</b>	Elements of Accounting II	3
<b>BUS 120</b>	Fundamentals of Business	3
<b>BUS 130</b>	Tribal Government	3
<b>BAD 170</b>	Entrepreneurship	3
<b>BAD 247</b>	Spreadsheet Applications	3
<b>BAD 225</b>	Professional Communication for Business	3
<b>BAD 251</b>	Personal Finance	3
<b>ECO 201</b>	Microeconomics	3
<b>ECO 202</b>	Macroeconomics	3
<b>FREE ELECTIVE</b>		
	<b>See Gen. Ed. Matrix</b>	

\* Denotes Native Studies institutional requirement.

## **BUSINESS ADMINISTRATION BACHELOR DEGREE**

### **Program Learner Outcomes**

Graduates of the UTTC Business Administration BS degree program will:

1. Interpret generally accepted accounting principles in a business environment.
2. Apply management principles to diverse organizations.
3. Investigate the different leadership styles within a diverse business framework.
4. Apply statistical research to business applications

<b>BUSINESS ADMINISTRATION BACHELOR OF SCIENCE (121 Credits Required)</b>		
<b>GENERAL EDUCATION REQUIREMENTS (43 CREDITS)</b>		
<b>Course Number</b>	<b>Title</b>	<b>Credits</b>
<b>COMMUNICATIONS (9 CREDITS)</b>		
<b>ENG 110</b>	Composition I	3
<b>ENG 120</b>	Composition II	3
<b>COM 110</b>	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (6 CREDITS)</b>		
	<b>See Gen. Ed Matrix*</b>	6
<b>SOCIAL SCIENCES (12 CREDITS)</b>		
<b>PSY 111</b>	Introduction to Psychology	3
<b>SOC 110</b>	Introduction to Sociology	3
	<b>See Gen. Ed Matrix*</b>	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (14 CREDITS)</b>		
<b>CSC 101</b>	Introduction to Computers	3
<b>MTH 103</b>	College Algebra	4
<b>or MTH 104</b>	Finite Math	4
<b>MTH 210</b>	Elementary Statistics	3
<b>LAB Science</b>	<b>See Gen. Ed Matrix</b>	4

INSTITUTIONAL SPECIFIC (2 CREDITS)		
<b>FND 106</b>	First Year Exp. & Healthy Living	2
REQUIRED PROGRAM CORE COURSES (78 CREDITS)		
<b>ACT 200</b>	Elements of Accounting I	3
<b>ACT 201</b>	Elements of Accounting II	3
<b>ACT 316</b>	Legal Environment of Business	3
<b>BAD 225</b>	Professional Communication for Business	3
<b>BAD 251</b>	Personal Finance	3
<b>BAD 301</b>	Principles of Marketing	3
<b>BAD 302</b>	Principles of Management	3
<b>BAD 325</b>	Consumer Behavior	3
<b>BAD 382</b>	Human Resource Management	3
<b>BUS 120</b>	Fundamentals of Business	3
<b>BUS 130</b>	Tribal Government	3
<b>BUS 170</b>	Entrepreneurship	3
<b>BUS 247</b>	Spreadsheet Applications	3
<b>BUS 303</b>	Principles of Finance	3
<b>BUS 310</b>	Grant Writing	3
<b>BUS 356</b>	Organizational Behavior	3
<b>BUS 401</b>	Tribal Enterprise	3
<b>BUS 406</b>	Business Ethics	3
<b>BUS 415</b>	Nonprofit Management	3
<b>BUS 436</b>	Organizational Leadership	3
<b>BUS 493</b>	Business Research Methods	3
<b>BUS 497</b>	Business Internship	3
<b>ECO 201</b>	Microeconomics	3
<b>ECO 202</b>	Macroeconomics	3
ELECTIVES (6 CREDITS REQUIRED)		
<b>BAD 240</b>	Sales	3
	<b>See Gen. Ed. Matrix*</b>	

\* Denotes Native Studies institutional requirement.



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## COMMERCIAL VEHICLE OPERATIONS

United Tribes Technical College's Commercial Vehicle Operations (CVO) curriculum will provide you with a well-rounded education with competencies and skills to assist in obtaining a CVO. Our training program starts with coursework in truck driving safety, driving techniques, and the ability to obtain a passenger bus, and school bus endorsement. Students will gain a working knowledge of a tractor and trailer through a combination of classroom, and behind-the-wheel driver training. The behind-the-wheel time consists of hands-on training which focuses on skills developed for backing maneuvers, local street training, and CVO road test preparation and practice. Students will practice truck driving skills under the supervision of certified driving instructors.

### Industry Expectations

Due to the stringent safety requirements and rigorous physical demands of operating specific tools, equipment, and machinery, students participating in the UTTC Commercial Vehicle Operations program must meet certain physical requirements. The physical demands described here are representative of those that must be met by any employee in specific industries to successfully perform the essential functions of the training and industry jobs. Reasonable accommodations may be requested by individuals with disabilities. The Disabilities Services Coordinator will determine, on a case-by-case basis, if the accommodation requested is reasonable.

1. The student is regularly required to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble large and very small objects or controls.
2. The student is frequently required to stand; walk; reach with hands and arms; climb or balance; stoop, kneel, and crouch, or crawl.
3. The student must regularly lift and/or move up to 50 pounds and occasionally lift and/or move up to 100+ pounds with assistance.

### Program Requirements

- Complete a UTTC application for admissions
- Must be at least 18 years of age by the first day of classes.
- Copy of a current North Dakota Driver's License
- Submit a copy of Birth Certificate
- Submit a current Department of Transportation (DOT) Medical Examiner's Certificate and wallet card **prior to mid-term.**
- Complete DOT Drug Analysis Screen (paid for by the College). Students **WILL BE** required to **pass a drug test** before Census date generally the second day of class.
- A second drug screen will be required at mid-term. Students who do not pass the drug test will be required to drop their courses and withdraw from the CVO program.
- Drug tests for CVO students are required by the Federal Motor Carrier Safety Administration (FMCSA), along with the Department of Transportation (DOT). (49 CFR Part 40 Subpart F).

### Program Learner Outcomes

Graduates of the UTTC Commercial Vehicle Operations Certificate degree program will:

1. Safely operate a commercial vehicle utilized in the trucking industry.
2. Apply essential problem-solving skills in the trucking industry.
3. Apply road rules and regulations.

## COMMERCIAL VEHICLE OPERATIONS CERTIFICATE

(21 credits required)

### GENERAL EDUCATION REQUIREMENTS (2 CREDITS)

Course Number	Title	Credits
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
<b>GPE 101</b>	First Aid & CPR	1
<b>GPE 104</b>	OSHA 10 Safety	1

### REQUIRED PROGRAM CORE COURSES (19 CREDITS)

<b>CVO 100</b>	Introduction to CVO	1
<b>CVO 101</b>	Commercial Driving Permit	6
<b>CVO 102</b>	Commercial Driving Endorsement	5
<b>CVO 150</b>	Commercial Driving Operations	5
<b>WLD 150</b>	Introduction to Welding	2



# COMMERCIAL VEHICLE OPERATIONS

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## COMPUTER INFORMATION SYSTEMS

As computers become integral to every aspect of our lives, Information Technology professionals are essential for maintaining system functionality and ensuring data security. Our Computer Information Systems (CIS) AAS two-year degree program provides students with strong technical and problem-solving skills that prepare them for careers in almost any industry. The Computer Information Systems (CIS) degree prepares students for a range of careers in the technology field including security specialist, computer technician, network analyst, programmer, web developer, database analyst, and more.

At UTTC, we care about the success of our students. All of our CIS classes feature smaller class sizes - meaning students get more one-on-one time with instructors and use of lab equipment. The CIS program contains core classes in computer hardware and networking, Windows and Linux operating systems, security, and programming. Every class includes hands-on labs that use a variety of different computing & network devices. Students have internship opportunities with local businesses and businesses Nationwide. CIS students often have a strong interest in emerging technologies, diverse computing devices, problem-solving, and computer gaming. Additionally, CIS students enjoy helping others with tech-related issues and can work well both independently and in team environments.

### Program Learner Outcomes

Graduates of the UTTC Computer Information Technology AAS degree program will:

1. Construct a responsive website using appropriate computer languages.
2. Maintain a relational database including forms, queries, and reports.
3. Implement computer systems to ensure proper operation.
4. Implement network systems to ensure proper operation.

COMPUTER INFORMATION SYSTEMS ASSOCIATE OF APPLIED SCIENCE (63 Credits Required)		
GENERAL EDUCATION REQUIREMENTS (24 CREDITS)		
Course Number	Title	Credits
<b>COMMUNICATIONS (6 CREDITS)</b>		
ENG 110	Composition I	3
COM 110	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (3 CREDITS)</b>		
	See Gen. Ed Matrix*	3
<b>SOCIAL SCIENCES (3 CREDITS)</b>		
	See Gen. Ed Matrix*	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (6 CREDITS)</b>		
CSC 160	Computer Science	4
MTH 102	Intermediate Algebra	3
or MTH 210	Elementary Statistics	3





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# COMPUTER INFORMATION TECHNOLOGY

INSTITUTIONAL SPECIFIC (2 CREDITS)		
<b>FND 106</b>	First Year Exp. & Healthy Living	2
REQUIRED PROGRAM CORE COURSES (39 CREDITS)		
<b>CIS 107</b>	Linux Fundamentals	3
<b>CIS 128</b>	Microcomputer Hardware I	3
<b>CIS 143</b>	Cloud Computing Fundamentals	3
<b>CIS 147</b>	Principles of Information Security	3
<b>CIS 164</b>	Networking Fundamentals I	4
<b>CIS 165</b>	Networking Fundamentals II	4
<b>CIS 180</b>	Creating Web Pages I	3
<b>CIS 208</b>	Database Management	4
<b>CIS 212</b>	Microsoft Windows OS Client	3
<b>CIS 216</b>	Implementing a Microsoft Network Infrastructure	3
<b>CIS 255</b>	Computer and Network Security	3
<b>CIS 297</b>	CIT Internship	3
FREE ELECTIVES		
	<b>See Gen. Ed. Matrix</b>	3

\* Denotes Native Studies institutional requirement.



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## CRIMINAL JUSTICE

The Criminal Justice department offers a Bachelor of Science and Associate of Science degree program of study. The program provides a broad curriculum for students who wish to pursue entry and intermediate level careers in Criminal Justice. Since 2001, the Criminal Justice field has experienced significant expansion and several new careers fields have developed, many requiring Bachelor and Associate degrees.

Upon completion, our graduates will be prepared for employment as Federal, State or Tribal Law Enforcement Officers, Corrections Officers, Parole and Probation Officers, Transportation Safety Officers, Victim Advocates, United States Customs, Homeland Security, Military Investigative Services and private security agencies. All employment opportunities have pre-employment requirements and many agencies require college degrees, background checks, physical and psychological examinations, and licensing examinations. The student must be motivated to demonstrate the attitude and behavior connected with the professional career being pursued.

### Program Learner Outcomes

Graduates of the UTTC Criminal Justice AS degree program will:

1. Describe the foundations of the multiple entities within the criminal justice system at the state, federal and tribal levels.
2. Analyze the significant foundations of law in the state, federal and tribal legal systems.
3. Evaluate ethics within the criminal justice system at the state, federal, and tribal levels.
4. Apply communication skills among state, federal, and tribal agencies.

CRIMINAL JUSTICE ASSOCIATE OF SCIENCE (61 Credits Required)		
GENERAL EDUCATION REQUIREMENTS (30 CREDITS)		
Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
<b>ENG 110</b>	Composition I	3
<b>ENG 120</b>	Composition II	3
<b>COM 110</b>	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (3 CREDITS)</b>		
	See Gen. Ed Matrix*	3
<b>SOCIAL SCIENCES (6 CREDITS)</b>		
<b>PSY 111</b>	Introduction to Psychology	3
<b>SOC 110</b>	Introduction to Sociology	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (10 CREDITS)</b>		
<b>CSC 101</b>	Introduction to Computers	3
<b>MTH 102</b>	Intermediate Algebra	3
<b>LAB Science</b>	<b>See Gen. Ed Matrix</b>	4
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
<b>FND 106</b>	First Year Exp. & Healthy Living	2



<b>REQUIRED PROGRAM CORE COURSES (31 CREDITS)</b>		
<b>Course Number</b>	<b>Title</b>	<b>Credits</b>
<b>CJU 150</b>	Patrol Procedures	3
<b>CJU 201</b>	Introduction to Criminal Justice	3
<b>CJU 211</b>	Introduction to Policing	3
<b>CJU 212</b>	Intro to Homeland Security	3
<b>CJU 221</b>	Criminal Law	3
<b>CJU 225</b>	Weapon and Physical Fitness	3
<b>or CJU 204</b>	Traffic Law and Enforcement	3
<b>CJU 226</b>	Criminal Investigations	4
<b>CJU 231</b>	Ethics in Criminal Justice I	3
<b>CJU 254</b>	Juvenile Justice	3
<b>CJU 270</b>	Corrections	3

\* Denotes Native Studies institutional requirement.

## CRIMINAL JUSTICE BACHELOR OF SCIENCE

### Program Learner Outcomes

Graduates of the UTTC Criminal Justice BS degree program will:

1. Demonstrate professional conduct expected of state, federal and tribal criminal justice professionals.
2. Interpret criminological theory to evaluate justice-involved individuals at the state, federal and tribal levels.
3. Execute the technological expectations necessary in the criminal justice profession at the state, federal and tribal levels.
4. Assess the effectiveness of the criminal justice system at the state, federal and tribal levels.

<b>CRIMINAL JUSTICE BACHELOR OF SCIENCE</b> (121 Credits Required)		
<b>GENERAL EDUCATION REQUIREMENTS (45 CREDITS)</b>		
<b>Course Number</b>	<b>Title</b>	<b>Credits</b>
<b>COMMUNICATIONS (9 CREDITS)</b>		
<b>ENG 110</b>	Composition I	3
<b>ENG 120</b>	Composition II	3
<b>COM 110</b>	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (12 CREDITS)</b>		
	<b>See Gen. Ed Matrix*</b>	12
<b>SOCIAL SCIENCES (12 CREDITS)</b>		
<b>PSY 111</b>	Introduction to Psychology	3
<b>SOC 110</b>	Introduction to Sociology	3
	<b>See Gen. Ed Matrix*</b>	6
<b>MATH, SCIENCE &amp; TECHNOLOGY (10 CREDITS)</b>		
<b>CSC 101</b>	Introduction to Computers	3

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<b>Lab Science</b>	<b>See Gen. Ed Matrix</b>	4
<b>MTH 103</b>	College Algebra	4
<b>or MTH 104</b>	Finite Math	4
<b>or MTH 210</b>	Elementary Statistics	3
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
<b>FND 106</b>	First Year Exp. & Healthy Living	2
<b>REQUIRED PROGRAM CORE COURSES (76 CREDITS)</b>		
<b>CJU 150</b>	Patrol Procedures	3
<b>CJU 201</b>	Introduction to Criminal Justice	3
<b>CJU 211</b>	Introduction to Policing	3
<b>CJU 212</b>	Intro to Homeland Security	3
<b>CJU 221</b>	Criminal Law	3
<b>CJU 225</b>	Weapons and Physical Fitness	3
<b>or CJU 204</b>	Traffic Law and Enforcement	3
<b>CJU 226</b>	Criminal Investigations	4
<b>CJU 231</b>	Ethics in Criminal Justice I	3
<b>CJU 254</b>	Juvenile Justice	3
<b>CJU 270</b>	Corrections	3
<b>CJU 300</b>	Comm. Policing in Diverse Cultures	3
<b>CJU 310</b>	Media Relations	3
<b>CJU 320</b>	Parole and Probation	3
<b>CJU 330</b>	Criminological Theory	3
<b>CJU 346</b>	Forensics / Criminalistics	3
<b>CJU 350</b>	Criminal Evidence and Procedure	3
<b>CJU 351</b>	Administration of Criminal Justice	3
<b>CJU 360</b>	Victims and Victimology	3
<b>CJU 370</b>	Court Processing	3
<b>CJU 410</b>	Constitutional Law	3
<b>CJU 420</b>	Interview Techniques	3
<b>CJU 431</b>	Ethics in Criminal Justice II	3
<b>CJU 435</b>	White Collar Crime	3
<b>CJU 491</b>	Senior Seminar	3
<b>CJU 493</b>	Research Methods	3

\* Denotes Native Studies institutional requirement.



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## ELEMENTARY EDUCATION

The Teacher Education department at UTTC in Bismarck, ND is dedicated to making a quality education a reality for every student in the United States, specifically those from culturally, linguistically and ability diverse backgrounds. UTTC offers Bachelor of Science (BS) and Associate of Science (AS) degree programs of study. The Elementary Education program curriculum prepares students to enter a profession that is in high demand. Professional educators who graduate from our programs exemplify the unit's conceptual framework as "competent, caring teachers". Our programs of study include coherent and relevant curriculum that meet North Dakota program approval standards as well as specific industry standards. Field experience opportunities allow the student to gain first-hand knowledge of the best practices in education from experienced teachers. The Elementary Education Bachelor of Science (BS) degree program has been approved by the North Dakota Education Standards and Practices Board and is designed as a teacher licensure program. This means students who are accepted into and complete this program of study, as well as meet the other criteria, are eligible to apply for an Educator's Professional License through the State of North Dakota. For more information about the Bachelor of Science degree in Elementary Education, visit the Teacher Education Department at <https://ted.uttcc.edu>.



### Program Learner Outcomes

Graduates of the UTTC Elementary Education AS degree program will:

1. Recognize diversity in learning and developmental processes.
2. Identify aspects of a supportive and safe learning environment.
3. Apply central concepts to connect with and advance student learning.
4. Analyze instructional strategies that support learner goals.
5. Display dispositions necessary for being successful in for an education setting

ELEMENTARY EDUCATION ASSOCIATE OF SCIENCE (60 Credits Required)		
GENERAL EDUCATION REQUIREMENTS (33 CREDITS)		
Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
<b>ENG 110</b>	Composition I	3
<b>ENG 120</b>	Composition II	3
<b>or ENG 290</b>	English for Elementary Teachers	3
<b>COM 110</b>	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (6 CREDITS)</b>		
<b>HUM 101</b>	Introduction to Humanities	3
	<b>See Gen. Ed Matrix*</b>	3
<b>SOCIAL SCIENCES (6 CREDITS)</b>		
<b>PSY 111</b>	Introduction to Psychology	3
	<b>See Gen. Ed Matrix*</b>	6
<b>MATH, SCIENCE &amp; TECHNOLOGY (10 CREDITS)</b>		
<b>MTH 102</b>	Intermediate Algebra	3
<b>Lab Science</b>	<b>See Gen. Ed Matrix</b>	4
	<b>See Gen. Ed Matrix</b>	3
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
<b>FND 106</b>	First Year Exp. & Healthy Living	2

ELEMENTARY EDUCATION

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REQUIRED PROGRAM CORE COURSES (27 CREDITS)		
<b>EDU 200</b>	Classroom Mangement	2
<b>EDU 205</b>	Intro to Exceptional Education	3
<b>EDU 232</b>	Fund. Elements of Effec. Reading Instruction	3
<b>EDU 250</b>	Intro to Education	3
<b>EDU 288</b>	Technology in Education	2
<b>EDU 290</b>	Multicultural Education	3
<b>EDU 296</b>	Field Experience I	2
<b>ENG 238</b>	Children's Literature	3
<b>MTH 277</b>	Math for Elementary Teachers I	3
<b>PSY 230</b>	Educational Psychology	3

\* Denotes Native Studies institutional requirement.



## ELEMENTARY EDUCATION BACHELOR OF SCIENCE

### Program Learner Outcomes

Graduates of the UTTC Elementary Education BS degree program will:

1. Create supportive and safe learning environments.
2. Monitor learner progress by using multiple methods of assessment.
3. Recognize learning differences and diversity.
4. Implement appropriate strategies for learner development.
5. Demonstrate understanding of content knowledge.
6. Utilize differing perspectives for the application of content.
7. Plan for instruction that supports every learner.
8. Apply instructional strategies to encourage learner development.
9. Demonstrate ongoing professional learning and ethical practice.
10. Facilitate opportunities for leadership and collaboration

ELEMENTARY EDUCATION BACHELOR OF SCIENCE (120 Credits Required)		
GENERAL EDUCATION REQUIREMENTS (42 CREDITS)		
Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
<b>ENG 110</b>	Composition I	3
<b>ENG 290</b>	English for Elementary Teachers	3
<b>or ENG 120</b>	Composition II	3
<b>COM 110</b>	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (9 CREDITS)</b>		
<b>HUM 101</b>	Introduction to Humanities	3
<b>HUM 106</b>	Readings in Native American Lit.	3*
<b>ART 112</b>	Tribal Arts I	3*



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<b>SOCIAL SCIENCES (9 CREDITS)</b>		
<b>PSY 111</b>	Introduction to Psychology	3
<b>SOC 275</b>	Native American Studies	3*
<b>HIS 103</b>	U.S. History to 1877	3
<b>or HIS 104</b>	U.S. History since 1877	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (19 CREDITS)</b>		
<b>CSC 101</b>	Introduction to Computers	3
<b>MTH 103</b>	College Algebra	4
<b>PHY 105</b>	Physical Science by Inquiry/LAB	4
<b>SCI 201</b>	Earth Science/LAB	4
<b>BIO 111</b>	Concepts of Biology/LAB	4
<b>or BIO 150</b>	General Biology I/LAB	4
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
<b>FND 106</b>	First Year Exp. & Healthy Living	2
<b>REQUIRED PROGRAM CORE COURSES (78 CREDITS)</b>		
<b>EDU 200</b>	Classroom Mangement	2
<b>EDU 205</b>	Intro to Exceptional Education	3
<b>EDU 232</b>	Fund. Elements of Effective Reading Instr.	3
<b>EDU 250</b>	Intro to Education	3
<b>EDU 288</b>	Technology in Education	2
<b>EDU 290</b>	Multicultural Education	3
<b>EDU 296</b>	Field Experience I	2
<b>EDU 300</b>	Behavior Management & Intervention	3
<b>EDU 305</b>	Creating Inclusive Classrooms	3
<b>EDU 315</b>	Int. Art, Music & Drama Curric	3
<b>EDU 325</b>	Lang. Arts in the Elem. Classroom	2
<b>EDU 330</b>	Teaching Reading in Elem. Class.	3
<b>EDU 332</b>	Reading Assessment & Interventions	3
<b>EDU 338</b>	Family & School Collaborations	2
<b>EDU 342</b>	Elem. Physical Education Curriculum	2
<b>EDU 345</b>	Assessment for Learning	3
<b>EDU 346</b>	Field Experience II	1
<b>EDU 355</b>	Mathematics in the Elem. Class	2
<b>EDU 365</b>	Science in the Elementary Classroom	2
<b>EDU 375</b>	Social Studies & Geography in Elementary Class	3
<b>EDU 396</b>	Field Experience III	1
<b>EDU 498</b>	Elementary Education Student Teaching	12
<b>ENG 238</b>	Children's Literature	3
<b>MTH 277</b>	Math for Elementary Teachers I	3
<b>MTH 377</b>	Math for Elementary Teachers II	3
<b>PSY 230</b>	Educational Psychology	3
<b>PSY 250</b>	Developmental Psychology	3

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updates at  
[www.uttcc.edu](http://www.uttcc.edu)

## ENVIRONMENTAL ENGINEERING

UTTC's Environmental Engineering Associate of Science (AS) degree program provides a rigorous and affordable option for students interested in pursuing a career in Environmental Engineering. Small classes ensure personalized attention and extra tutoring when needed.

Modules have been developed in conjunction with the new Environmental Engineering Bachelors of Science (BS) degree program at North Dakota State University (NDSU) so students are able to complete their first two years at UTTC and then transfer directly into the program at NDSU to complete the remainder of their coursework. Students also have the option of seeking employment as an Environmental Engineering Technician after the completion of the AS degree at UTTC.

Environmental engineers are professionals who have broad scientific and technical knowledge, possess strong problem-solving and design skills, and enjoy working with people and communities. Environmental Engineers work collaboratively to improve public health, recycling, waste disposal, and water and air pollution control. Environmental Engineers are concerned with protecting populations from the effects of pollution in addition to improving environmental quality. The goal of any engineer, regardless of discipline, is to design solutions that improve the quality of life for all people.

### Program Learner Outcomes

Graduates of the Environmental Engineering AS degree program will:

1. Evaluate ethical responsibilities of engineers
2. Communicate effectively with a range of audiences
3. Utilize software for engineering applications
4. Solve complex problems



# ENVIRONMENTAL ENGINEERING ASSOCIATE OF SCIENCE

(64 Credits Required)



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# ENVIRONMENTAL ENGINEERING

## GENERAL EDUCATION REQUIREMENTS (44 CREDITS)

Course Number	Title	Credits
<b>COMMUNICATIONS: (9 CREDITS)</b>		
COM 110	Fund of Public Speaking	3
ENG 110	Composition	3
ENG 120	Composition II	3
<b>ARTS &amp; HUMANITIES: (3 CREDITS)</b>		
	See Gen. Ed. Matrix*	3
<b>SOCIAL SCIENCES: (3 CREDITS)</b>		
	See Gen. Ed. Matrix*	3
<b>MATH, SCIENCE &amp; TECHNOLOGY: (27 CREDITS)</b>		
CHM 121	General Chemistry I/LAB	4
CHM 122	General Chemistry II/LAB	4
CHM 240	Survey of Organic Chemistry/LAB	4
MTH 165	Calculus	4
MTH 166	Calculus II	4
MTH 265	Calculus III	4
MTH 266	Differential Equations	3
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
FND 106	First Year Experience & Healthy Living	2
<b>REQUIRED PROGRAM CORE COURSES: (10 CREDITS)</b>		
ENR 116	Intro to Engineering	3
ENR 211	Analysis & Design Methods for Environmental Engineers	1
ENR 250	Fundamentals of Environmental Engineering	3
ENR 201	Statics	3
<b>PROGRAM CORE ELECTIVES: (10 CREDITS)</b>		
ENR 117	Computer-Aided Design and Drafting (CADD)	1
ENR 202	Dynamics	3
ENR 203	Mechanics of Materials	3
CSC 160	Computer Science I	4
GEO 105	Physical Geology with lab	4
GIS 105	Fundamentals of GIS	3
MTH 129	Basic Linear Algebra	3
MTH 210	Elementary Statistics	3
PHY 251	University Physics I	4
PHY 252	University Physics II	4
LAB 252	University Physics II Lab	1
TES 199	Introduction to Scientific Literature	1

*Check for catalog  
updates at  
[www.uttc.edu](http://www.uttc.edu)*



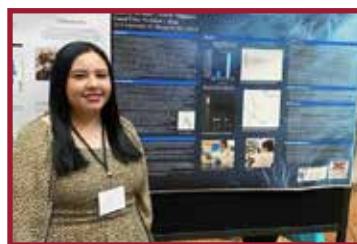
## ENVIRONMENTAL SCIENCE AND RESEARCH

(AS) The Environmental Science and Research program lays the foundation for understanding natural systems and human effects on those systems. A focus on applying scientific concepts to address today's environmental questions provides students with the skills to work in a variety of careers or move seamlessly into advanced degrees. Upon completion, graduates of the associate's program will be prepared for employment for such jobs as Agricultural, Environmental, and Lab Technicians. Graduates of the bachelor's degree will be prepared for a career as an Environmental Scientist, Environmental Analyst, Environmental Health Specialist, Ecologist, Hydrologist, Environmental Policy/Law, Environmental Journalist, Forensic Scientist, Natural Resource Managers, Molecular Ecologists, and a host of other related careers.

### Program Learner Outcomes

Graduates of the UTTC Environmental Science & Research AS degree program will:

1. Explain foundational theories of science
2. Explain ways in which humans interact with and impact the environment.
3. Express understanding of scientific knowledge through verbal and written methods
4. Demonstrate the scientific method.



### ENVIRONMENTAL SCIENCE & RESEARCH ASSOCIATE OF SCIENCE (60 Credits Required)

#### GENERAL EDUCATION REQUIREMENTS (40 CREDITS)

Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
<b>ENG 110</b>	Composition I	3
<b>ENG 120</b>	Composition II	3
<b>COM 110</b>	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (3 CREDITS)</b>		
	<b>See Gen. Ed Matrix*</b>	3
<b>SOCIAL SCIENCES (3 CREDITS)</b>		
	<b>See Gen. Ed Matrix*</b>	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (23 CREDITS)</b>		
<b>CSC 101</b>	Introduction to Computers	3
<b>MTH 107</b>	Precalculus	4
<b>BIO 150</b>	General Biology I/Lab	4
<b>BIO 151</b>	General Biology II/Lab	4
<b>CHM 121</b>	General Chemistry I/Lab	4
<b>CHM 122</b>	General Chemistry II/Lab	4
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
<b>FND 106</b>	First Year Exp. & Healthy Living	2



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ENVIRONMENTAL SCIENCE AND RESEARCH

REQUIRED PROGRAM CORE COURSES (20 CREDITS)		
<b>BIO 124</b>	Environmental Science	3
<b>BIO 230</b>	Ecology	3
<b>GEO 105</b>	Physical Geology with lab	4
<b>INT 297</b>	Summer Internship	3
<b>SOI 210</b>	Introduction to Soil Science	3
<b>TES 222</b>	Environmental Law & Cons Programs	3
<b>TES 199</b>	Intro to Science Literature	1

\* Denotes Native Studies institutional requirement.

## ENVIRO. SCIENCE & RESEARCH BACHELOR DEGREE

Graduates from the bachelor's degree program work in EPA, water resources, and Game & Fish departments, environmental consulting firms, private industry, or move on to higher degrees in Biology, Natural Resource Management, Conservation Sciences, or Wildlife Biology.

### Program Learner Outcomes

Graduates of the UTTC Environmental Science & Research BS degree program will:

1. Apply mathematical concepts to find solutions to real world problems.
2. Synthesize scientific concepts and data, social dynamic s, and cultural context to formulate sustainable solutions to environmental issues.
3. Defend an original research project.
4. Evaluate the interconnected and interdisciplinary relationships of environmental science

ENVIRONMENTAL SCIENCE & RESEARCH BACHELOR OF SCIENCE (120 Credits Required)		
<b>GENERAL EDUCATION REQUIREMENTS (61 CREDITS)</b>		
Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
<b>ENG 110</b>	Composition I	3
<b>ENG 120</b>	Composition II	3
<b>COM 110</b>	Fund. of Public Speaking	3
<b>ARTS &amp; HUMANITIES (6 CREDITS)</b>		
	<b>See Gen. Ed Matrix*</b>	6
<b>SOCIAL SCIENCES (6 CREDITS)</b>		
	<b>See Gen. Ed Matrix*</b>	6
<b>MATH, SCIENCE &amp; TECHNOLOGY (38 CREDITS)</b>		
<b>BIO 150</b>	General Biology I/Lab	4
<b>BIO 151</b>	General Biology II/Lab	4
<b>CHM 121</b>	General Chemistry I/Lab	4
<b>CHM 122</b>	General Chemistry II/Lab	4
<b>CHM 341</b>	Organic Chemistry I/Lab	4
<b>CHM 342</b>	Organic Chemistry II/Lab	4
<b>CSC 101</b>	Introduction to Computers	3

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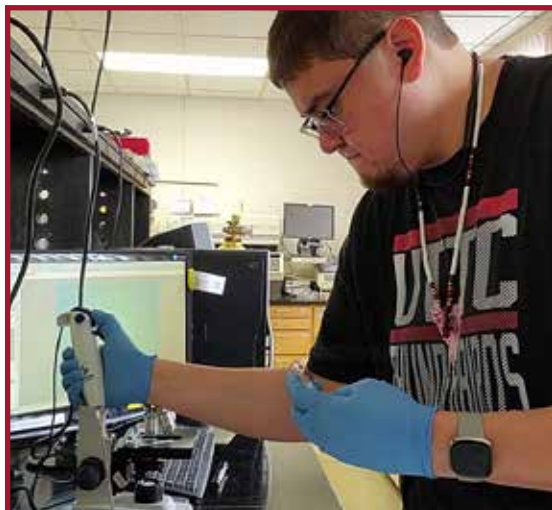
UNITED TRIBES<sup>®</sup>  
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# ENVIRONMENTAL SCIENCE AND RESEARCH

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<b>MTH 107</b>	Precalculus	4
<b>MTH 210</b>	Elementary Statistics	4
<b>MTH 165</b>	Calculus I	4
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
<b>FND 106</b>	First Year Exp. & Healthy Living	2
<b>REQUIRED PROGRAM CORE COURSES (59 CREDITS)</b>		
<b>ATM 340</b>	Intro. to Weather and Climate	3
<b>BIO 124</b>	Environmental Science	3
<b>BIO 230</b>	Ecology	3
<b>BIO 312</b>	Evolution	3
<b>BIO 315</b>	Intro to Genetics	3
<b>BIO 320</b>	Botany & Plant Systematics	3
<b>or HUM 240</b>	Ethnobotany	3
<b>BIO 431</b>	Wildlife Management & Restoration	4
<b>GEO 105</b>	Physical Geology with lab	4
<b>GEO 415</b>	Hydrogeology	3
<b>OR GEO 409</b>	Water Quality	3
<b>GIS 105</b>	Fundamentals of GIS	3
<b>INT 297</b>	Summer Internship	3
<b>MTH 342</b>	Environmental Research Statistics	3
<b>RES 393</b>	Senior Research I	3
<b>RES 394</b>	Senior Research II	3
<b>RES 395</b>	Senior Research III	3
<b>RES 493</b>	Senior Research Capstone	2
<b>SOI 210</b>	Introduction to Soil Science	3
<b>TES 199</b>	Intro to Science Literature- 1	1
<b>TES 222</b>	Envir. Law & Cons. Programs	3
<b>TES 410</b>	Environmental Regulations	3

\* Denotes Native Studies institutional requirement.



## FISHERIES AND WILDLIFE BIOLOGY

The Fisheries and Wildlife Biology major is intended for students who have a combined love for animals, the outdoors, and a sustainable future. The curriculum builds a strong foundation in biological concepts while focusing on the social and political aspects surrounding current and future issues related to the conservation of fish and wildlife populations. Faculty members offer a wide range of expertise and use innovative teaching strategies, a culturally congruent environment, and research to bring real-world applications into the classroom.

Our program prepares students for professional careers involving fish, wildlife, and conservation in tribal, state, and federal agencies, nongovernmental organizations, the private sector, academic institutions, and graduate school. Numerous opportunities exist for students to gain experience through research, internships, and professional societies and build a professional network alongside dedicated professional and career mentors.

### Program Learner Outcomes

Graduates of the UTTC Fisheries and Wildlife Biology AS degree programs will:

1. Explain Foundational Theories in Science.
2. Demonstrate of Apply Scientific Knowledge through Verbal and Written methods.
3. Demonstrate the Scientific Method.
4. Develop Foundational Competence in Wildlife and Fisheries Techniques.

FISHERIES AND WILDLIFE BIOLOGY ASSOCIATE OF SCIENCE (60 Credits Required)		
<b>GENERAL EDUCATION REQUIREMENTS (43 CREDITS)</b>		
Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
ENG 110	Composition I	3
ENG 120	Composition II	3
COM 110	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (3 CREDITS)</b>		
	See Gen. Ed Matrix*	
<b>SOCIAL SCIENCES (3 CREDITS)</b>		
	See Gen. Ed Matrix*	
<b>MATH, SCIENCE &amp; TECHNOLOGY (26 CREDITS)</b>		
BIO 150	General Biology I/LAB	4
BIO 151	General Biology I/LAB	4
CHM 121	General Chemistry I/Lab	4
CHM 122	General Chemistry II/Lab	4
CSC 101	Introduction to Computers	3
MTH 107	Pre-Calculus	4
MTH 210	Elementary Statistics	3
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
FND 106	First Year Exp. & Healthy Living	2



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FISHERIES AND WILDLIFE BIOLOGY

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REQUIRED PROGRAM CORE COURSES (17 CREDITS)		
<b>BIO 121</b>	Intro. to Fisheries and Wildlife Biology	3
<b>BIO 230</b>	Ecology	3
<b>GEO 105</b>	Physical Geology with Lab	4
<b>SOI 210</b>	Introduction to Soil Science	3
<b>TES 199</b>	Intro to Science Literature	1
<b>TES 222</b>	Envir. Law & Cons. Programs	3

\* Denotes Native Studies institutional requirement.

## FISHERIES & WILDLIFE BIOLOGY BACHELOR DEGREE

With a Bachelor's degree in Fisheries and Wildlife, you can pursue various career paths in conservation, wildlife management, and environmental science. You could work as a wildlife biologist, conservation officer, park ranger or fisheries manager, helping to monitor and protect animal populations and their habitats. Careers in ecological research, habitat restoration, and environmental education are also common. Additionally, positions with government agencies, non-profits, or consulting firms allow you to contribute to policy development, resource management, or wildlife conservation initiatives.

### Program Learner Outcomes

Graduates of the UTTC Fisheries and Wildlife Biology BS degree programs will:

1. Apply mathematical concepts to find solutions to real-world problems.
2. Synthesize scientific concepts and data, social dynamics, and cultural context to formulate sustainable solutions to Wildlife or Fisheries issues.
3. Defend an original research project.
4. Demonstrate Proficiency in Wildlife and Fisheries Techniques.

FISHERIES AND WILDLIFE BIOLOGY BACHELOR OF SCIENCE (120 Credits Required)		
<b>GENERAL EDUCATION REQUIREMENTS (49 CREDITS)</b>		
Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
<b>ENG 110</b>	Composition I	3
<b>ENG 120</b>	Composition II	3
<b>COM 110</b>	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (3 CREDITS)</b>		
	<b>See Gen. Ed Matrix*</b>	
<b>SOCIAL SCIENCES (3 CREDITS)</b>		
	<b>See Gen. Ed Matrix*</b>	
<b>MATH, SCIENCE &amp; TECHNOLOGY (26 CREDITS)</b>		
<b>BIO 150</b>	General Biology I/LAB	4
<b>BIO 151</b>	General Biology I/LAB	4
<b>CHM 121</b>	General Chemistry I/Lab	4
<b>CHM 122</b>	General Chemistry II/Lab	4
<b>CSC 101</b>	Introduction to Computers	3
<b>MTH 107</b>	Pre-Calculus	4
<b>MTH 210</b>	Elementary Statistics	3



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# FISHERIES AND WILDLIFE BIOLOGY

INSTITUTIONAL SPECIFIC (2 CREDITS)		
<b>FND 106</b>	First Year Exp. & Healthy Living	2
REQUIRED PROGRAM CORE COURSES (71 CREDITS)		
<b>BIO 121</b>	Intro. to Fisheries and Wildlife Biology	3
<b>BIO 230</b>	Ecology	3
<b>BIO 312</b>	Evolution	3
<b>BIO 315</b>	Intro to Genetics	3
<b>BIO 320</b>	Botany & Plant Systematics	3
<b>or HUM 240</b>	Ethnobotany	3
<b>BIO 333</b>	Population Biology	3
<b>BIO 425</b>	Ichthyology	3
<b>BIO 426</b>	Birds and Mammals	3
<b>BIO 431</b>	Wildlife Management & Restoration	4
<b>BIO 432</b>	Techniques in Wildlife Pop. Assess	3
<b>BIO 433</b>	Aquatic Ecology	3
<b>BIO 438</b>	Fisheries Management	3
<b>BIO 439</b>	Conservation Biology	3
<b>GEO 105</b>	Physical Geology with Lab	4
<b>GIS 105</b>	Fundamentals of GIS	3
<b>MTH 342</b>	Environmental Research Statistics	3
<b>RES 393</b>	Senior Research I	3
<b>RES 394</b>	Senior Research II	3
<b>RES 395</b>	Senior Research III	3
<b>RES 493</b>	Senior Research Capstone	2
<b>SOI 210</b>	Introduction to Soil Science	3
<b>TES 199</b>	Intro to Science Literature	1
<b>TES 222</b>	Envir. Law & Cons. Programs	3
<b>TES 410</b>	Environmental Regulations	3



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GENERAL STUDIES

## GENERAL STUDIES

Students completing the General Studies Associate of Science (AS) degree will gain broad knowledge and transferable skills in multiple disciplines.

Coursework will meet General Education requirements for most Career and Technical Education (CTE) programs at the certificate and AAS levels. This program with a Native American studies focus is designed to help students, in particularly Native American students, prepare for success and leadership in the global workforce, military service, tribal government, or in continued higher education.

### Program Learner Outcomes

UTTC's general education student learning outcomes are embedded across the curriculum in all degrees, one diploma, and select certificate programs. The five General Education course outcomes are assessed in the General Studies degree program requirements.

Upon completion of their program of study, students will:

1. Apply career interest and aptitude results to a career plan.
2. Complete the academic goal intended upon entrance into the program.

GENERAL STUDIES ASSOCIATE OF SCIENCE (62 Credits Required)		
GENERAL EDUCATION REQUIREMENTS (47 CREDITS)		
Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
COM 110	Fundamentals of Public Speaking	3
ENG 110	Composition I	3
ENG 120	Composition II	3
<b>ARTS &amp; HUMANITIES (9 CREDITS)</b>		
	See Gen. Ed Matrix*	9
<b>SOCIAL SCIENCES (9 CREDITS)</b>		
	See Gen. Ed Matrix*	9
<b>MATH, SCIENCE &amp; TECHNOLOGY (18 CREDITS)</b>		
CSC 101	Introduction to Computers	3
MTH 102	Intermediate Algebra	3
Lab Science	See Gen. Ed Matrix	4
	See Gen. Ed Matrix	8
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
FND 106	First Year Exp. & Healthy Living	2
<b>REQUIRED PROGRAM CORE COURSES (15 CREDITS)</b>		
	See Gen. Ed Matrix*	15

### ADDICTION STUDIES

UTTC students interested in a career in Addiction Studies will follow the General Studies degree plan. To register for courses for Addiction Studies, and for more information, contact Brett Williamson at [bwilliamson@uttc.edu](mailto:bwilliamson@uttc.edu) or phone (701) 221-1471, or stop by his office in the Education Building, Room 202 on the second floor. Mr. Williamson is the academic advisor for all students pursuing Addiction Studies. Students must meet with him before registering for any courses.

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updates at  
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## HEALTH, PHYSICAL EDUCATION & RECREATION

The Health, Physical Education & Recreation Associate of Science (AS) degree prepares students for leadership roles in health, fitness and recreation as well as a minor when completed in conjunction with a bachelor degree. In addition, this degree option prepares students for transfer to four-year colleges and universities for bachelor degrees in physical education, coaching, health education, or recreation.

If you are an individual who enjoys (1) physical activity, (2) fitness, (3) sports activity, (4) working with people (young and old) and who is interested in their personal health and the health of others, then this degree program is for you.

The curriculum combines courses in health, fitness, wellness, and technology, with an introduction to education, physical education and parks and recreation. General education courses include an emphasis in life science, anatomy and physiology, and communication skills, both verbal and written. Students in this program will participate in field placements in school and health settings and with the local parks and recreation facilities.

The AS degree prepares students for entry-level positions in health, fitness and physical education professions. Potential careers for graduates with an AS degree in Health, Physical Education & Recreation include diabetes prevention leaders in tribal programs, athletic trainers, fitness specialists, recreation specialists, and other positions related to wellness initiatives. The employment projections for graduates with this degree is expected to continue to rise with the increased demand for people to work in health and wellness initiative programs focusing on wellness and healthy living and combating obesity.

### Program Learner Outcomes

Graduates of the UTTC Health, Physical Education & Recreation AS degree program will:

1. Identify career pathways in health and wellness professions.
2. Plan health and fitness activities.
3. Analyze psychological factors that influence participation in physical activity and healthy lifestyles.
4. Demonstrate the practice-related knowledge required for certification as a personal trainer.
5. Exhibit appropriate dispositions for the Health, Physical Education, and Recreation profession.



HEALTH, PHYSICAL EDUCATION & RECREATION

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HEALTH, PHYSICAL EDUCATION & RECREATION

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**HEALTH, PHYSICAL EDUCATION & RECREATION  
ASSOCIATE OF SCIENCE**  
(61 credits required)

**GENERAL EDUCATION REQUIREMENTS (41 CREDITS)**

Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
ENG 110	Composition I	3
ENG 120	Composition II	3
COM 110	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (6 CREDITS)</b>		
PHI 210	Ethics	3
	<b>See Gen. Ed Matrix*</b>	6
<b>SOCIAL SCIENCES (9 CREDITS)</b>		
PSY 111	Intro to Psychology	3
	<b>See Gen. Ed Matrix*</b>	6
<b>MATH, SCIENCE &amp; TECHNOLOGY (14 CREDITS)</b>		
CSC 101	Introduction to Computers	3
MTH 102	Intermediate Algebra	3
BIO 150	General Biology I/LAB	4
or BIO 111	Concepts of Biology/LAB	4
Lab Science	<b>See Gen. Ed Matrix</b>	4
<b>INSTITUTIONAL SPECIFIC (3)</b>		
FND 106	First Year Exp. & Healthy Living	2
GPE 101	First Aid/CPR	1
or GPE 102	Intro to Fitness	1
<b>REQUIRED PROGRAM CORE COURSES (20 CREDITS)</b>		
HPR 200	Introduction to Health, Physical Education, and Recreation	3
HPR 207	Prevention and Care of Injuries	3
HPR 230	Intro to Coaching	3
HPR 240	Intro to Physical Education	3
HPR 242	Principles of Sports Psychology	3
HPR 297	Health, Physical Education, and Recreation Internship	2
GPE 240	Fundamentals of Nutrition	3

\* Denotes Native Studies institutional requirement.

## HEAVY EQUIPMENT OPERATIONS

The Heavy Equipment Operations (HEO) program is a one-semester program. It delivers instruction in a way that the “hands on” learner can really grasp. A dynamic combination of classroom instruction, field demonstrations, and in-the-seat training allows students the opportunity to apply knowledge and skills in real-life construction type situations at our on campus training site. UTTC prepares students to succeed in one of the nation’s fastest growing industries as a heavy equipment operator.

UTTC collaborates with local construction industries to stay updated on current industry demands. In addition to operating heavy equipment you will have the opportunity to learn about the general maintenance performed on heavy equipment, take an intro. to welding class, and receive a First Aid/CPR and OSHA 10 certificate once training is completed.

Upon completion of the program you will have the basic skills to operate these 7 pieces of heavy equipment: Front End Loader, Skid Steer, Bulldozer, Backhoe, Excavator, Motor Grader, and a Scraper.

### Industry Expectations

Due to the stringent safety requirements and rigorous physical demands of operating specific tools, equipment, and machinery, students participating in the UTTC Heavy Equipment Operations program must meet certain physical requirements.

The physical demands described here are representative of those that must be met by any employee in specific industries to successfully perform the essential functions of the training and industry jobs. Reasonable accommodations may be requested by individuals with disabilities. The Disabilities Services Coordinator will determine, on a case-by-case basis, if the accommodation requested is reasonable.

1. The student is regularly required to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble large and very small objects or controls.
2. The student is frequently required to stand; walk; reach with hands and arms; climb or balance; stoop, kneel, and crouch, or crawl.
3. The student must regularly lift and/or move up to 50 pounds and occasionally lift and/or move up to 100+ pounds with assistance.

### Program Learner Outcomes

The graduates of the UTTC Heavy Equipment Operations Certificate degree program will:

1. Operate safely various types of equipment utilized in the construction industry.
2. Apply essential problem solving skills in the construction industry.
3. Read and analyze industry-type documents.
4. Integrate construction industry language.



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HEAVY EQUIPMENT OPERATIONS

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HEAVY EQUIPMENT OPERATIONS

**HEAVY EQUIPMENT OPERATIONS CERTIFICATE**

(22 credits required)

**GENERAL EDUCATION REQUIREMENTS (5 CREDITS)**

Course Number	Title	Credits
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**MATH, SCIENCE & TECHNOLOGY (3 CREDITS)**

<b>MTH 106</b>	Career Math	3
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**INSTITUTIONAL SPECIFIC (2 CREDITS)**

<b>GPE 101</b>	First Aid & CPR	1
<b>GPE 104</b>	OSHA 10 Safety	1

**REQUIRED PROGRAM CORE COURSES (17 CREDITS)**

<b>HEO 101</b>	Basic Principles of HEO	3
<b>HEO 124</b>	Basic Safety for HEO	3
<b>HEO 130</b>	Project Layout	3
<b>HEO 150</b>	Heavy Equipment Operations	6
<b>WLD 150</b>	Intro to Welding	2

\* Denotes Native Studies institutional requirement.



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## INDIGENOUS LEADERSHIP

The Indigenous Leadership Associates degree at UTTC offers an immersive educational experience that blends traditional knowledge with modern leadership practices. This two-year program encompasses pivotal topics such as Indigenous Leadership Practice, Ethics in Indigenous Leadership, and the historical and cultural underpinnings that have shaped Indigenous communities. With a focus on practical skills, advocacy, and linguistic proficiency, the program aims to empower students to become adept leaders capable of navigating and bridging both Indigenous and broader professional contexts.

Graduates will emerge with a deep appreciation of Indigenous histories, cultures, and languages, ready to make meaningful contributions in leadership, community development, tribal governance, and beyond.

### Program Learner Outcomes

The graduates of the UTTC Heavy Equipment Operations Certificate degree program will:

1. Demonstrate a foundational understanding of key issues in Indigenous Laws, sovereignty, and leadership ethics.
2. Communicate effectively in both Indigenous and non-Indigenous professional contexts.
3. Apply Indigenous knowledge and cultural competency to leadership practices.
4. Exhibit proficiency in at least one Indigenous language at the Novice/Beginner level.

INDIGENOUS LEADERSHIP ASSOCIATE OF SCIENCE (60 credits required)		
GENERAL EDUCATION REQUIREMENTS (30 CREDITS)		
Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
ENG 110	Composition I	3
ENG 120	Composition II	3
COM 110	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (3 CREDITS)</b>		
IND 101	Indigenous Language I*	3
<b>SOCIAL SCIENCES (6 CREDITS)</b>		
PSY 111	Intro to Psychology	3
SOC 110	Introduction to Sociology	3
or SOC 241	Contemporary Issues of Indigenous Peoples*	3
or SOC 275	Native American Studies*	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (10 CREDITS)</b>		
CSC 101	Introduction to Computers	3
MTH 102	Intermediate Algebra	3
or MTH 103	College Algebra - 4	4
or MTH 104	Finite Math - 4	4
or MTH 210	Elementary Statistics - 3	3
Lab Science	See Gen. Ed Matrix	4
<b>INSTITUTIONAL SPECIFIC (2)</b>		
FND 106	First Year Exp. & Healthy Living	2





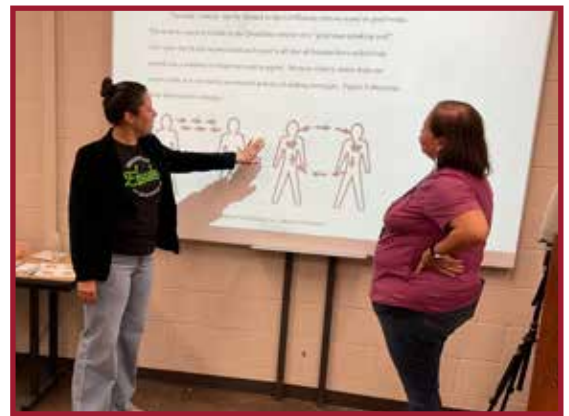
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INDIGENOUS LEADERSHIP

**REQUIRED PROGRAM CORE COURSES (30 CREDITS)**

<b>BUS 130</b>	Tribal Government	3
<b>IND 102</b>	Indigenous Language II*	3
<b>IND 105</b>	Intro to Indigenous Culture Competency I*	3
<b>IND 110</b>	Intro to Indigenous Leadership*	3
<b>IND 200</b>	Intro Federal Indian Law*	3
<b>IND 210</b>	Indigenous Leadership & Ethics*	3
<b>IND 211</b>	Indigenous Culture Competency II*	3
<b>IND 216</b>	Indigenous Workplace Communications*	3
<b>IND 271</b>	Indigenous Rights, Advocacy, and Social Justice*	3
<b>IND 296</b>	Indigenous Leadership in Practice Capstone*	3

\* Denotes Native Studies institutional requirement.



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## PARALEGAL

The Paralegal program offers an Associate of Applied Science degree that provides broad-ranging coursework for students who desire to pursue entry into a paralegal – support staff role – within the legal profession. It is taught by a licensed attorney and geared toward real world people, issues, and solutions.

At graduation, students will be prepared for work in Federal, State/Local, or Tribal court support staff, private sector support staff, law enforcement administration, or private investigations firms. Employment opportunities have pre-employment requirements, and most groups require drug testing and background checks.

Students desiring to enroll in Paralegal Studies must be 18 years of age and provide official documentation of a criminal background check. Upon program acceptance, a student must be inspired to demonstrate an ability to diligently work within timelines, read well, write well, and plainly and consistently apply the law to the facts. If these skills sets are of interest, the UTTC Paralegal program and a career in the legal profession is a wise and fulfilling academic studies path and career.

### Program Learner Outcomes

1. Explain the fundamental aspects of the American legal system.
2. Explain primary aspects of law office administration from a paralegal perspective.
3. Conduct the process of paralegal work.
4. Write office memos, motions, appellate court briefs, and contracts.

PARALEGAL ASSOCIATE OF APPLIED SCIENCE (63 credits required)		
GENERAL EDUCATION REQUIREMENTS (27 CREDITS)		
Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
ENG 110	Composition I	3
ENG 120	Composition II	3
COM 110	Fund of Public Speaking	3
<b>ARTS &amp; HUMANITIES (3 CREDITS)</b>		
	See Gen. Ed Matrix*	3
<b>SOCIAL SCIENCES (3 CREDITS)</b>		
POL 115	American Government	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (10 CREDITS)</b>		
CSC 101	Introduction to Computers	3
MTH 102	Intermediate Algebra	3
LAB Science	(See Gen Ed Matrix)	4
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
FND 106	First Year Exp. & Healthy Living	2



PARALEGAL

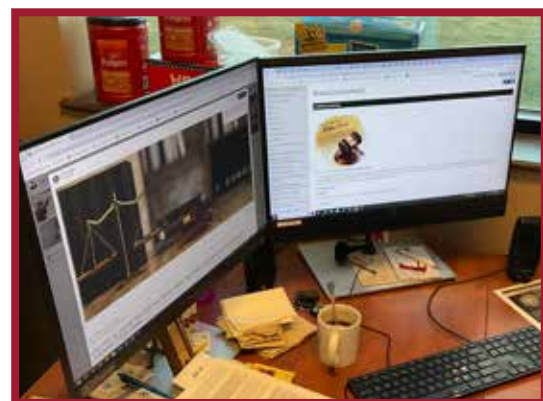
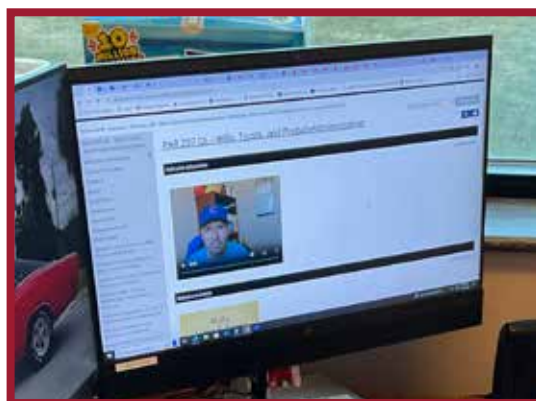
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REQUIRED PROGRAM CORE COURSES (36 CREDITS)		
<b>BUS 130</b>	Tribal Government	3
<b>CJU 201</b>	Introduction to Criminal Justice	3
<b>CJU 221</b>	Criminal Law	3
<b>PAR 201</b>	Introduction to Paralegal Studies	3
<b>PAR 206</b>	Contracts	3
<b>PAR 207</b>	Wills, Trusts and Probate Admin	3
<b>PAR 208</b>	Family Law	3
<b>PAR 209</b>	Torts	3
<b>PAR 210</b>	Real Property	3
<b>PAR 211</b>	Legal Research & Writing	3
<b>PAR 260</b>	Legal Ethics	3
<b>PAR 266</b>	Civil Litigation	3

\* Denotes Native Studies institutional requirement.

The Paralegal degree is completely online.

# PARALEGAL



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## PRE-ENGINEERING

UTTC's Pre-Engineering Associate of Science (AS) degree program provides a rigorous and affordable option for students interested in pursuing a career in Engineering. Small classes ensure personalized attention and extra tutoring when needed. Interactive modules are a focus of the program and include topics such as computer-aided design and drafting and 3D-printing. Students entering the program should be comfortable with mathematics or have a strong desire to learn math concepts in a challenging but supportive atmosphere. Engineering is a problem-solving degree with the potential to create better lives for all Oyate.

When you graduate from a Pre-Engineering associate degree program, you have the potential to begin a career as an engineering technician. However, the degree is designed for transfer into an ABET-accredited bachelor's program at such institutions like University of North Dakota, North Dakota State University, South Dakota School of Mines, and Navajo Technical University, to list a few.

### Program Learner Outcomes

Graduates of the UTTC Pre-Engineering AS degree program will:

1. Evaluate ethical responsibilities of engineers.
2. Communicate effectively with a range of audiences.
3. Utilize software for engineering application
4. Solve complex problems



PRE-ENGINEERING

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PRE-ENGINEERING

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PRE-ENGINEERING ASSOCIATE OF SCIENCE (60 Credits Required)		
GENERAL EDUCATION REQUIREMENTS (40 CREDITS)		
Course Number	Title	Credits
<b>COMMUNICATIONS: (9 CREDITS)</b>		
COM 110	Fund of Public Speaking	3
ENG 110	Composition	3
ENG 120	Composition II	3
<b>ARTS &amp; HUMANITIES: (3 CREDITS)</b>		
	See Gen. Ed. Matrix*	3
<b>SOCIAL SCIENCES: (3 CREDITS)</b>		
	See Gen. Ed. Matrix*	3
<b>MATH, SCIENCE &amp; TECHNOLOGY: (23 CREDITS)</b>		
CHM 121	General Chemistry I/LAB	4
CSC 160	Computer Science I	4
MTH 165	Calculus	4
MTH 166	Calculus II	4
MTH 265	Calculus III	4
MTH 266	Differential Equations	3
or MTH 210	Elementary Statistics	3
<b>INSTITUTIONAL SPECIFIC: (2 CREDITS)</b>		
FND 106	First Year Experience & Healthy Living	2
<b>REQUIRED PROGRAM CORE COURSES: (7 CREDITS)</b>		
ENR 116	Intro to Engineering	3
ENR 117	Computer-Aided Design and Drafting (CADD)	1
or ENR 212	Fundamentals of Visual Communications for Engineering	3
ENR 201	Statics	3
<b>PROGRAM CORE ELECTIVES: (13 CREDITS)</b>		
ENR 202	Dynamics	3
ENR 203	Mechanics of Materials	3
ENR 204	Surveying	4
ENR 211	Analysis & Design Methods for Environmental Engineer	1
ENR 212	Fundamentals of Visual Communications for Engineering	3
ENR 217	Advanced Manufacturing	2
ENR 250	Fundamentals of Environmental Engineering	2
ENR 275	Digital Systems	4
ENR 290	Manufacturing Processes	3
MTH 129	Basic Linear Algebra	3
CHM 122	General Chemistry II/LAB	4
CHM 341	Organic Chemistry I/LAB	4
CHM 342	Organic Chemistry II/LAB	4

<b>PHY 251</b>	University Physics I	4
<b>PHY 252</b>	University Physics II	4
<b>LAB 252</b>	University Physics II Lab	1
<b>GEO 105</b>	Physical Geology with lab	4
<b>BIO 150</b>	General Biology with lab	4

\* Denotes Native Studies institutional requirement.

## SOCIAL WORK

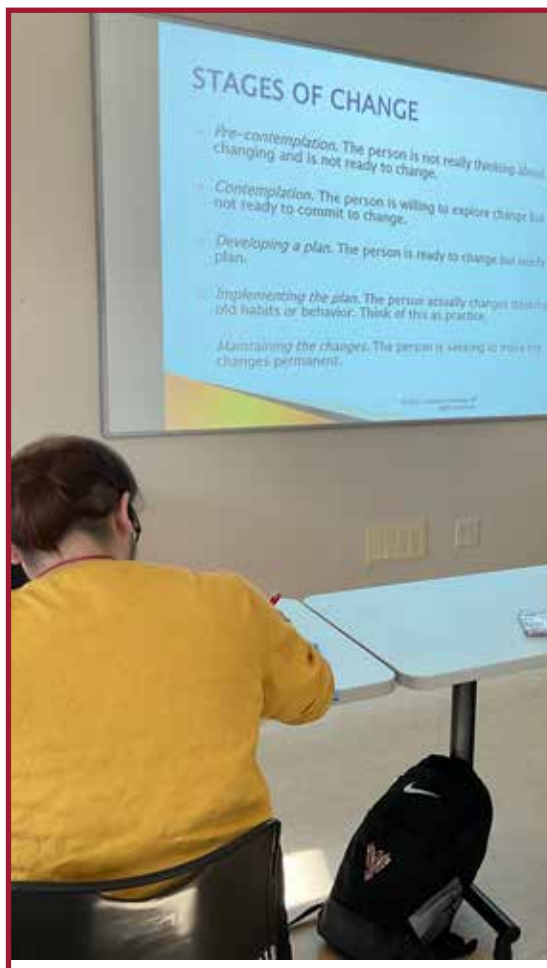
The Social Work Associate of Science (AS) degree provides the generalist education for employment in a wide variety of social service agencies. This degree is designed as a transfer degree for graduates who wish to continue their education by completing a baccalaureate degree in Social Work or a related field.

Social work degrees are for students who want to help others in their day-to-day work. Because its ultimate goal is to meet human needs, whatever they may be, the social work field is ideal for someone who wants their work to truly affect social change within communities.

### Program Learner Outcomes

Graduates of the UTTC Social Work AS degree program will:

1. Distinguish functions within generalist social work practice.
2. Examine tribal, county, state, and federal policies used in the social work profession.
3. Explain the interaction of culture and environment in microsystems in which people engage.
4. Appraise social welfare policies that impact micro, macro, and mezzo practice.



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SOCIAL WORK

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SOCIAL WORK ASSOCIATE OF SCIENCE (61 credits required)		
GENERAL EDUCATION REQUIREMENTS (34 CREDITS)		
Course Number	Title	Credits
<b>COMMUNICATIONS (9 CREDITS)</b>		
ENG 110	Composition I	3
COM 110	Fund of Public Speaking	3
	<b>See Gen. Ed Matrix*</b>	6
<b>ARTS &amp; HUMANITIES (3 CREDITS)</b>		
	<b>See Gen. Ed Matrix*</b>	3
<b>SOCIAL SCIENCES (9 CREDITS)</b>		
PSY 111	Introduction to Psychology	3
SOC 110	Introduction to Sociology	3
PSY 270	Abnormal Psychology	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (10 CREDITS)</b>		
CSC 101	Introduction to Computers	3
BIO 111	Concepts of Biology/LAB	4
or BIO 150	General Biology I/LAB	4
or BIO 220	Anatomy and Physiology	4
MTH 103	College Algebra	4
or MTH 104	Finite Math	4
or MTH 210	Elementary Statistics	3
<b>INSTITUTIONAL SPECIFIC (2 CREDITS)</b>		
FND 106	First Year Exp. & Healthy Living	2
<b>REQUIRED PROGRAM CORE COURSES (28 CREDITS)</b>		
HSS 228	Crisis Intervention	3
HSS 250	Interpersonal Skills	3
HSS 260	Alcohol & Drug Use in Amer. Soc.	3
SWK 255	Social Work in Modern Society	4
SWK 256	Development in Social Welfare	3
SWK 257	Human Behavior in the Social Environment I	3
<b>CHILD &amp; FAMILY TRACK (9 CREDITS REQUIRED)</b>		
HSS 201	Case Management	3
HSS 285	Child Welfare in Rural Communities	3
HSS 286	Family Dynamics	3
<b>ADDICTION TRACK (9 CREDITS REQUIRED)</b>		
HSS 223	Principles of Interview & Counseling	3
HSS 235	Group Work in Human Services	3
HSS 244	Addiction Counseling	3

\* Denotes Native Studies institutional requirement.

## SUSTAINABLE AGRICULTURE AND FOOD SYSTEMS

The Sustainable Agriculture and Food Systems Associate of Applied Science (AAS) degree program provide students with the technical skills and knowledge needed to manage or develop a small farm or agricultural business. The course work will utilize a problem-solving approach to engage students in solving complex real-world problems presented by faculty members with expertise and experience in the industry. Students will expand their knowledge and hone their skills in sustainable farm principles and practices by participating in year-around internships in the campus greenhouse and gardens or local agricultural business. The two-year curriculum includes classes in soil, plant science, crop production, integrated pest management, and farm infrastructure.

UTTC's Sustainable Agriculture and Food Systems program also works very closely with the Culinary Arts program as part of a comprehensive farm-to-table focus.

### Program Learner Outcomes

Graduates of the UTTC Sustainable Agriculture and Food Systems Applied Science AAS degree program will:

1. Investigate Indigenous issues of food sovereignty.
2. Carry out crop production operations in outdoor and greenhouse environments.
3. Examine economic, ecological, and social aspects of sustainability in agriculture.
4. Practice community engagement through presentations, food preparation, and food distribution to promote consumption of produce.



# SUSTAINABLE AGRICULTURE & FOOD SYSTEMS

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SUSTAINABLE AGRICULTURE & FOOD SYSTEMS

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**SUSTAINABLE AGRICULTURE AND FOOD SYSTEMS  
ASSOCIATE OF SCIENCE  
(60 Credits Required)**

<b>GENERAL EDUCATION REQUIREMENTS (34 CREDITS)</b>		
<b>Course Number</b>	<b>Title</b>	<b>Credits</b>
<b>COMMUNICATIONS (6 CREDITS)</b>		
ENG 110	Composition I	3
ENG 110	Composition II	3
COM 110	Fundamentals of Public Speaking	3
<b>ARTS &amp; HUMANITIES (6 CREDITS)</b>		
HUM 122	Indigenous Food Sovereignty	3
	<b>See Gen Ed Matrix*</b>	3
<b>SOCIAL SCIENCES (3 CREDITS)</b>		
	<b>See Gen Ed Matrix*</b>	3
<b>MATH, SCIENCE &amp; TECHNOLOGY (13 CREDITS)</b>		
CSC 101	Introduction to Computers	3
MTH 102	Intermediate Algebra	3
SOI 210	Introduction to Soil Science	3
	<b>See Gen Ed Matrix*</b>	4
<b>INSTITUTIONAL SPECIFIC (3 CREDITS)</b>		
FND 106	First Year Experience & Healthy Living	2
GPE 101	First Aid / CPR	1
<b>REQUIRED PROGRAM CORE COURSES (26 CREDITS)</b>		
AGR 111	Small Farming Fundamentals	2
AGR 210	Horticulture Science	3
AGR 227	Intro to Integrated Pest Management	3
AGR 242	Introduction to Agricultural Management	3
AGR 246	Food Preservation and Packaging	3
AGR 297	Spring Farm Internship	2
AGR 298	Summer Farm Internship	3
AGR 299	Fall Farm Internship	3
GPE 240	Fundamentals of Nutrition	3
LAB 230	Farm and Forage to Fork	1

\* Denotes Native Studies institutional requirement.



## WELDING TECHNOLOGY

The Welding Technology department is committed to training students to become the best welders they can be. The field of welding continues to evolve with significant advances in technology. In our state-of-the-art welding shop, students begin by using our Virtual Reality VRTEX 360 Simulators. The VRTEX 360s prepare students to become skilled welders, learning proper body positions, gun and rod angles and positions, travel speeds, and overall welding techniques in an eco-friendly manner. Students apply the knowledge and skills learned on the simulators to an actual state-of-the-art welding shop, using a live welder. In addition, students will apply safe working practices and read welding symbols and blueprints.

Upon completion of the Welding Technology Program, graduates will be prepared for employment as a welder in manufacturing, maintenance, and repair, building and construction trades. Graduates will have skills acquired in gas metal arc, short circuit transfer, spray transfer, metalcore arc welding, oxy-acetylene, braze welding, gas tungsten arc welding, flux core arc welding, oxyacetylene cutting, plasma arc cutting, and shield metal arc welding.

Students entering the Welding Technology program should have good math, reading and computer skills to successfully complete the required courses.

Welding has become a dominant force in virtually every aspect of life, and with the continued advances the industry is experiencing, welding will provide endless opportunities for those on the cutting edge. Upon successful completion of the Welding Technology certificate program, students may be eligible to become AWS Certified.

### Industry Expectations

Due to the stringent safety requirements and rigorous physical demands of operating specific tools, equipment, and machinery, students participating in the UTTC Heavy Equipment Operations, Welding, and Automotive Technology programs must meet certain physical requirements. The physical demands described here are representative of those that must be met by any employee in specific industries to successfully perform the essential functions of the training and industry jobs. Reasonable accommodations may be requested by individuals with disabilities. The Disabilities Services Coordinator will determine, on a case-by-case basis, if the accommodation requested is reasonable.

1. The student is regularly required to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble large and very small objects or controls.
2. The student is frequently required to stand; walk; reach with hands and arms; climb or balance; stoop, kneel, and crouch, or crawl.
3. The student must regularly lift and/or move up to 50 pounds and occasionally lift and/or move up to 100+ pounds with assistance.

### Program Learner Outcomes

Graduates of the UTTC Welding Technology certificate program will:

1. Practice industry standard safety procedures.
2. Perform welds to industry standards.
3. Communicate with effective welding terminology.





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WELDING TECHNOLOGY

**WELDING TECHNOLOGY CERTIFICATE**

(31 Credits Required)

**GENERAL EDUCATION REQUIREMENTS (7 CREDITS)**

Course Number	Title	Credits
<b>MATH, SCIENCE &amp; TECHNOLOGY (3 CREDITS)</b>		
<b>MTH 106</b>	Career Math	3
<b>INSTITUTIONAL SPECIFIC (4 CREDITS)</b>		
<b>FND 106</b>	First Year Exp. & Healthy Living	2
<b>GPE 101</b>	First Aid/CPR	1
<b>GPE 104</b>	OSHA 10 Safety	1
<b>REQUIRED PROGRAM CORE COURSES (24 CREDITS)</b>		
<b>WLD 135</b>	Basic Metallurgy	2
<b>WLD 151</b>	Welding Theory I	3
<b>WLD 152</b>	Welding Theory II	3
<b>WLD 153</b>	Welding Lab I	5
<b>WLD 154</b>	Welding Lab II	5
<b>WLD 155</b>	Blueprint Symbols for Welding	3
<b>WLD 165</b>	Blueprint Reading for Welders	3

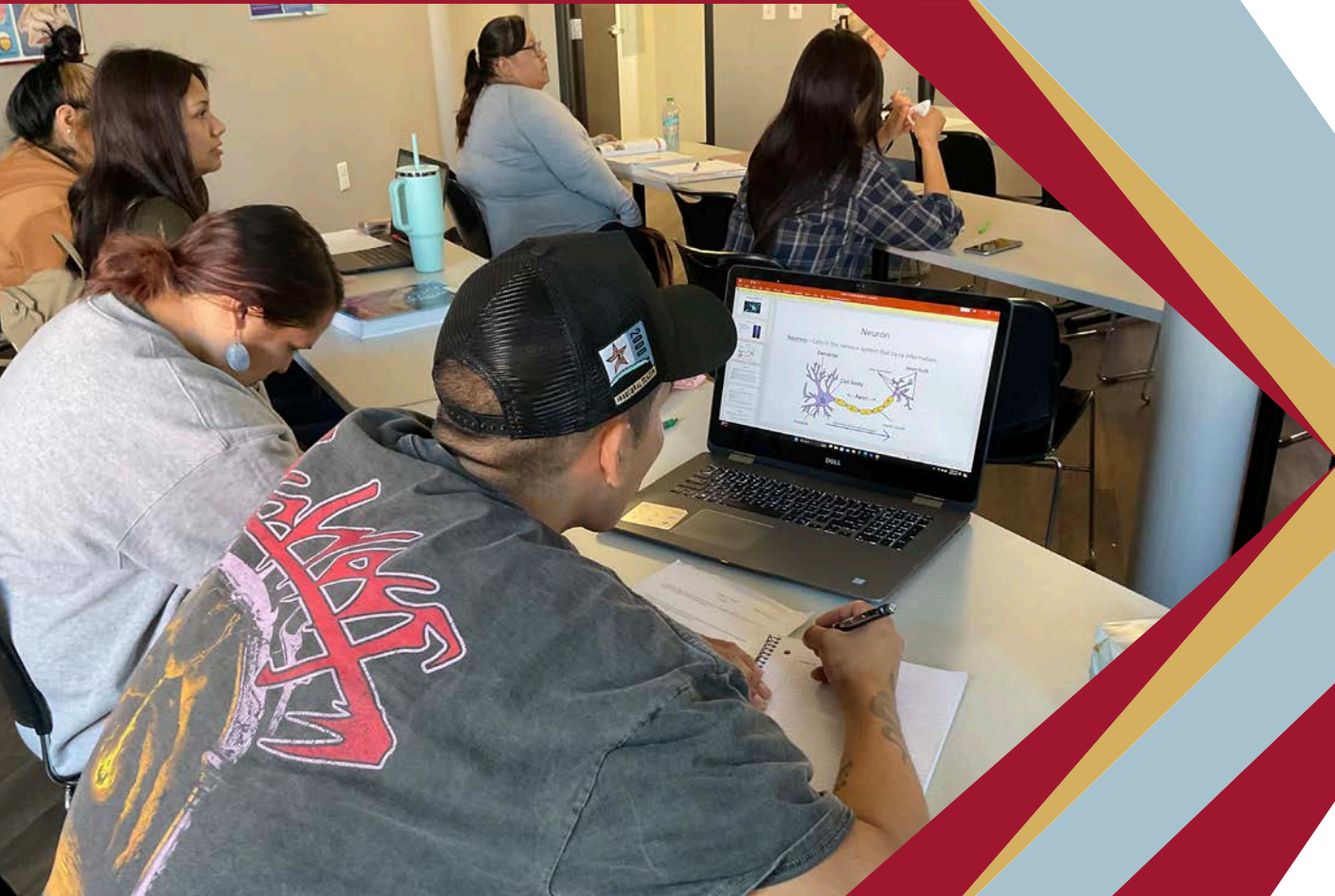
\* Denotes Native Studies institutional requirement.



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# 2024-2025

# Course Descriptions



*Leadership  
Begins  
Here*



**UNITED TRIBES  
TECHNICAL COLLEGE**





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## COURSE DESCRIPTIONS

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# COURSE DESCRIPTIONS

## A



### **ACT 200 ELEMENTS OF ACCOUNTING I (3 CREDITS)**

This course introduces fundamental principles and practices in financial accounting. Students will learn the accounting cycle, basic financial statements, and principles of recording financial transactions. Topics include analysis of business transactions, creation of journal entries, and preparation of financial statements, with emphasis on assets, liabilities, equity, revenue, and expenses. Practical real-world applications and examples reinforce theoretical concepts, and provide students with a solid foundation for understanding financial information in a business context.

### **ACT 201 ELEMENTS OF ACCOUNTING II (3 CREDITS)**

This course builds upon the foundational concepts introduced in Accounting I, delving deeper into financial reporting analysis and interpretation. Students will focus on advanced topics such as managerial accounting, cost behavior, budgeting, financial statement analysis and decision-making tools, with an emphasis on accounting principles and their application in business decision-making processes.

*Prerequisite: ACT 200*

### **ACT 316 LEGAL ENVIRONMENT OF BUSINESS (3 CREDITS)**

This course examines the legal framework in which businesses operate and how it impacts business decisions and operations. Topics include the legal obligations and responsibilities of businesses, compliance with laws and regulations, and contract formation and enforcement. Students will analyze case studies and real-world scenarios to develop critical thinking skills and apply legal concepts to practical situations.

### **AGR 111 SMALL FARMING FUNDAMENTALS (2 CREDITS)**

Introduces students to operations on the campus farm, including fall planting, harvesting, and distribution. Economic, social, and ecological concepts of sustainability in agriculture are introduced.

### **AGR 210 HORTICULTURE SCIENCE (3 CREDITS)**

Principles of plant classification, structure, function, growth, propagation, culture, and use of horticultural crops. This course focuses on organic production of vegetables and fruits in a small, intensive, produce operation.

### **AGR 227 INTRODUCTION TO INTEGRATED PEST MANAGEMENT (3 CREDITS)**

Integrated Pest Management (IPM) is the coordinated use of pest and environmental information along with available pest control methods, including cultural, biological, genetic and chemical methods, to prevent unacceptable levels of pest damage by the most economical means and with the least possible hazard to people, property, and the environment.

### **AGR 242 INTRODUCTION TO AGRICULTURAL MANAGEMENT (3 CREDITS)**

Economic and managerial concepts related to farm or agribusiness production process, development of cost data, enterprise analysis, organization and management of production inputs. Students will examine social, economic and ecological considerations of sustainability in the context of a farm management plan.

### **AGR 246 FOOD PRESERVATION AND STORAGE (3 CREDITS)**

This course focuses on traditional indigenous and cross-cultural food preservation and storage techniques including air drying, dehydrating, freeze-drying, freezing, water bath canning, pressure canning, pickling, and fermenting food. Students will utilize hands-on activities.

*Corequisite: Lab 230*

## COURSE DESCRIPTIONS

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# COURSE DESCRIPTIONS

## **AGR 297 SPRING FARM INTERNSHIP (2 CREDITS)**

Students work alongside small farm and indigenous food sovereignty experts on campus through the months of January, February, March and April. Students will create a plan that will feed and engage the community focusing on food sovereignty.

## **AGR 298 SUMMER FARM INTERNSHIP (3 CREDITS)**

Students work alongside small farm and indigenous food sovereignty experts on campus through the months of May, June, July and August. Students will implement the AGR 297 plan that will feed and engage the community focusing on food sovereignty.

## **AGR 299 FALL FARM INTERNSHIP (3 CREDITS)**

Students work alongside small farm and indigenous food sovereignty experts on campus through the months of September, October, November and December. Students will implement the AGR 298 plan that will feed and engage the community focusing on food sovereignty.

## **ART 112 TRIBAL ARTS I (3 CREDITS)**

This course is an exploration of artistic traditions within Indigenous communities through the study of design, patterns, and materials. Students will explore cultural identity through tribal art. Topics include traditional indigenous art making process, interpreting the use of Indigenous art forms, including the history and practices of traditional art.

## **ART 130 DRAWING I (3 CREDITS)**

This course introduces basic drawing skills and techniques through traditional approaches to line, form, composition, and perspective.

## **ART 146 INDIGENOUS BEADWORK OF NORTH AMERICA (3 CREDITS)**

This course combines theoretical understanding with hands-on practical experience, allowing students to create their own beadwork projects. Through the exploration of Indigenous beadwork, students will develop valuable artistic skills by gaining a deeper appreciation for the cultural heritage and resilience embedded in this timeless tradition. *Fall*

## **ART 150 INDIGENOUS CERAMICS OF NORTH AMERICA (3 CREDITS)**

This course explores the history, techniques, and cultural significance of Indigenous pottery. Students will construct ceramic pottery items using cultural techniques of design and pattern from Indigenous tribes interpreting stylistic and conceptual differences in pottery. *Spring*

## **ART 166 CONTEMPORARY INDIGENOUS ART (3 CREDITS)**

This course is an introduction to contemporary mediums that showcase various Indigenous artistic styles, using traditional art forms in modern applications. Students will engage in critical discussions, hands-on projects, and reflective assignments to deepen appreciation for the richness of Indigenous artistic expression. *Fall*

## **ART 204 INDIGENOUS JEWELRY (3 CREDITS)**

This course introduces students to the history of Indigenous Jewelry. This hands-on and culturally immersive journey invites students to explore the artistry, symbolism, and techniques inherent in crafting Indigenous Jewelry. Students will discover the profound connection between traditional craftsmanship and contemporary design while gaining a deeper understanding of the cultural significance embedded in each piece. *Spring*

## **ART 210 ART HISTORY I (3 CREDITS)**

This course takes a comprehensive approach to the study of art history, emphasizing Indigenous artists. Topics include the exploration of traditional art forms, the impact of colonization on artistic expressions, and contemporary resurgence of art in response to social, political, and environmental challenges. Students will engage with primary sources, scholarly texts, and visual materials to understand the evolution of Indigenous art. *Fall*

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### **ART 212 TRIBAL ARTS II (3 CREDITS)**

This course offers students an opportunity to explore the tradition, innovation, and global influences within Indigenous communities and their artistic expression. Students utilize an interdisciplinary approach as they engage with current issues, expression, and communication as they create individual projects utilizing traditional and contemporary practices in Indigenous art.

*Prerequisite:* ART 112

### **ASC 087 EFFECTIVE WRITING (3 CREDITS)**

This course is a fundamental English course designed to aid the student in acquiring the basic skills needed for college-level writing. Primary emphasis is placed on sentence and paragraph development, with additional attention given to grammar, punctuation and vocabulary usage. Credit earned does not count towards any degree, nor does it transfer.

### **ASC 090 PRE-ALGEBRA I (2 CREDITS)**

This course improves basic computational skills; addition, subtraction, and multiplication of whole numbers, fractions, decimals, and integers. Credit earned does not count towards any degree, nor does it transfer.

### **ASC 091 PRE-ALGEBRA II (2 CREDITS)**

This course is designed for students who need a refresher prior to entering the required math courses for their degree. Topics include operations with integers and fractions, orders of operation, simplification and evaluation of expressions, and evaluation of one and two step linear equations. Study skills will be incorporated throughout the course. Credit earned does not count towards any degree, nor does it transfer.

*Prerequisite:* ASC 090 or placement test

### **ATM 340 INTRODUCTION TO WEATHER AND CLIMATE (3 CREDITS)**

Students will be introduced to concepts of weather and climate, including atmospheric measurements, radiation, precipitation, winds, fronts, forecasting, and severe weather. Applied topics include global warming, ozone depletion, and world climates.

*Prerequisite:* PHY 211

### **AUT 101 INTRODUCTION TO AUTOMOTIVE SERVICE/SAFETY (1 CREDIT)**

This course is an introduction to the automotive service field which covers service procedures, tools of the trade, career opportunities, personal and shop safety, and chemicals present in the shop.

### **AUT 102 ENGINE REPAIR AND SERVICE (4 CREDITS)**

This course covers diagnosis, repair, adjustment, inspection, and basic theory which includes: automotive engines, theory of engine operation, engine operating systems, engine materials and fasteners, intake and exhaust systems, factors affecting engine performance, engine configurations, mounts, and remanufactured engines, cylinder heads, camshafts and valve trains, timing mechanisms engine block construction, pistons, rings, connecting rods, and bearings and alternative fuel and advanced technology vehicles. This course meets ASE contact hours (120).

### **AUT 104 MANUAL DRIVE TRAINS AND AXLES (4 CREDITS)**

This course covers automotive manual drive train diagnosis, repair, adjustment, inspection, and basic theory which includes drive train theory, clutches, manual transmissions, and transaxles, front drive axles, drive shafts and universal joints, differential and drive axles, four-wheel-drive systems, and drive train electrical and electronic systems. This course meets ASE contact hours (100).

### **AUT 105 AUTOMOTIVE BRAKES (4 CREDITS)**

This course covers diagnosis, repair, adjustment, inspection, and basic theory of automotive brake systems which covers disc brakes, drum brakes, power boosters, master cylinders, wheel cylinders, valves and hydraulic principals related to automotive brake systems. This course meets ASE contact hours (105).

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# COURSE DESCRIPTIONS

## **AUT 106 AUTOMOTIVE ELECTRICAL SYSTEMS (8 CREDITS)**

This course covers diagnosis, repair, adjustment, inspection, and basic theory of the automotive electrical system which covers starting system, charging system, batteries, basic electrical theories, electrical components, testing equipment, wiring diagrams, and automotive computers. This course meets ASE contact hours (230).

## **AUT 201 ENGINE PERFORMANCE (8 CREDITS)**

This course covers diagnosis, repair, adjustment, inspection, and basic theory of automotive tune-ups, input sensor diagnosis and service, ignition system service and diagnosis, fuel tank, line and pump service, conventional and computer controlled carburetor diagnosis and service, electronic fuel injection diagnosis and service, idle speed control systems service and diagnosis, exhaust gas recirculation, secondary air injection, and evaporative emission control systems diagnosis and service, positive crankcase ventilation, spark timing control, and intake manifold heat control systems, service and diagnosis, engine diagnosis with infrared analyzer, engine analyzer, and oscilloscope, turbocharger charger and supercharger diagnosis and service. This course meets ASE contact hours: 220 hours.

## **AUT 202 STEERING AND SUSPENSION (4 CREDITS)**

This course covers automotive steering and suspension diagnosis, repair, adjustment, inspection, and basic theory which covers wheel bearings, tires and wheels, shock absorbers and struts, front and rear suspension systems, steering columns, power steering pumps, steering gears, and two and four wheel alignments. This course meets ASE contact hours (95).

**AUT 203 AUTOMATIC TRANSMISSIONS/TRANSAXLES (4 CREDITS)** This course covers diagnosis, repair, adjustment, inspection, basic theory of hydraulics, automatic transmission, transaxles and fluid coupling which covers valve body service, clutch packs, bands, torque converters, planetary gear sets, and hydraulic pumps. This course meets ASE contact hours (120).

## **AUT 204 HEATING AND AIR CONDITIONING (4 CREDITS)**

This course covers diagnosis, repair, adjustment, inspection, and basic theory of automotive heating and air conditioning systems which covers history and purpose, health and safety, temperature and pressure fundamentals, refrigeration system and components, system testing and servicing, case and duct systems, retrofitting, system controls, and engine cooling and heating systems. This course meets ASE contact hours (90).

## **B**

### **BAD 225 PROFESSIONAL COMMUNICATION FOR BUSINESS (3 CREDITS)**

This course introduces written and oral communication strategies to prepare students to be successful business professionals. The curriculum covers practical applications of business writing, encompassing emails, memos, letters, and proposals. Students will master the art of delivering impactful business presentations, leveraging suitable technology. The course will examine universally recognized practices relevant to diverse business sectors.

### **BAD 240 SALES (3 CREDITS)**

This course prepares students with current sales knowledge and skills to succeed in today's competitive markets. Students will review the steps in the sales presentation process with an emphasis on "trust-based" selling.

### **BAD 251 PERSONAL FINANCE (3 CREDITS)**

This course empowers students with the skills necessary to manage their personal financial affairs effectively. Students will explore strategies to build wealth, minimize debt, and make informed financial decisions. Topics include personal budgeting, savings, investments, credit management, insurance, and retirement planning.

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# COURSE DESCRIPTIONS

## **BAD 301 PRINCIPLES OF MARKETING (3 CREDITS)**

This course introduces fundamental marketing principles in business and serves as a foundation for advanced courses in Marketing as well as other business/social disciplines. Topics include the marketing mix, corporate social responsibility, market segmentation, target marketing, marketing research, and social media marketing.

## **BAD 302 PRINCIPLES OF MANAGEMENT (3 CREDITS)**

This course provides fundamental management principles and prepares students for future leadership roles and positions in management. Students will be introduced to critical management skills involved in an organization's planning, organizing, controlling, leading, and decision-making. Topics include the changing workplace, business ethics and social responsibility, cross-cultural awareness, self-awareness, planning and decision-making, motivation, and leading/working in teams.

## **BAD 325 CONSUMER BEHAVIOR (3 CREDITS)**

This course provides an in-depth exploration of how consumers make decisions and how behavior can be influenced by psychological, social, and cultural factors. Topics include consumer behavior fundamentals, the consumer decision-making process, and influence factors that motivate consumer behavior.

*Prerequisite: BAD 301 Principles of Marketing*

## **BAD 382 HUMAN RESOURCE MANAGEMENT (3 CREDITS)**

This course provides students with the principles and practices of managing human resources in organizations. Students will learn the roles of human resource management and how it contributes to business success. Topics include recruitment and selection, compensation and benefits, training and development, performance management, employee relations, and legal issues.

*Prerequisite: BAD 302 Principles of Management*

## **BIO 111 CONCEPTS OF BIOLOGY (3 CREDITS)**

This course introduces students to the fundamental concepts of biology, covering topics such as cell biology, genetics, ecology, and evolutionary biology. Designed for non-science majors, it provides an overview of various biological fields and their applications in understanding living organisms and their environments.

*Corequisite: LAB 111*

## **BIO 121 INTRODUCTION TO FISHERIES AND WILDLIFE BIOLOGY (3 CREDITS)**

This course will introduce students to the Fisheries & Wildlife Biology curriculum and profession. Topics include the history and future directions of the fish and wildlife profession, specialties within the profession, coursework and training necessary for professional preparation, and opportunities for field experience.

## **BIO 124 ENVIRONMENTAL SCIENCE (3 CREDITS)**

This course is an introduction to the environmental sciences and human impacts on the environment. Emphasis is placed on sustainability in a changing world.

## **BIO 150 GENERAL BIOLOGY I (3 CREDITS)**

This course will focus on the "Study of Life" at a cellular and physiological level. Basic concepts such as cellular components, cellular physiology, and genetics will be explored.

*Corequisite: LAB 150*

## **BIO 151 GENERAL BIOLOGY II (3 CREDITS)**

This course focuses on the "Study of Life" at an evolutionary and ecological perspective. Basic concepts such as Darwin's evolution, conservation, and human impacts and ecological footprint on the planet is explored.

*Corequisite: LAB 151*



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# COURSE DESCRIPTIONS

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## **BIO 220 ANATOMY AND PHYSIOLOGY I (4 CREDITS)**

This course will explore the relationships between the structures and functions of the human body. Students will also learn the mechanisms for maintaining homeostasis within the human body. Lab is included in this course.

*Prerequisite: BIO 111/Lab 111 or BIO 150/Lab 150*

## **BIO 230 ECOLOGY (3 CREDITS)**

This course is an introduction to the principles of Ecology, including those that govern survival, growth, distribution, and abundance of organisms. A focus is on the interactions and relationships among populations in ecological communities and ecosystems.

*Prerequisite: BIO 151*

## **BIO 312 EVOLUTION (3 CREDITS)**

A study of evolution beginning with the origin of life and characterizing biological mechanisms of evolution leading to present biodiversity.

*Prerequisite: BIO 151*

## **BIO 315 INTRODUCTION TO GENETICS (3 CREDITS)**

A study of classical genetics, gene structure, and mechanisms of gene expression.

*Prerequisite: BIO 150*

## **BIO 320 BOTANY AND PLANT SYSTEMATICS (3 CREDITS)**

This course covers plant biology and systematics with a focus on variation between selected families and orders of vascular plants. Students are introduced to basic plant structure and function as well as the identification, collection, handling and preservation of specimens.

*Prerequisite: BIO 151*

## **BIO 333 POPULATION BIOLOGY (3 CREDITS)**

This course examines the ecological factors that cause fluctuation and regulation of natural populations and emphasizes the utility of mathematical models to assess the dynamics of populations. Topics include demographic and environmental stochasticity, metapopulation dynamics, structured populations, the role of species interactions, and micro-evolutionary processes such as population genetics, quantitative genetics, and evolution of life histories.

*Prerequisite: BIO 150, BIO 151, BIO 230, MTH 107*

## **BIO 425 ICHTHYOLOGY (3 CREDITS)**

This course explores the biology and zoology of fishes: anatomy, taxonomy, evolution, physiology, behavior, ecology, zoogeography, and conservation. Students will compare aquatic habitats, assess patterns of phylogenetic relationships, ecological relationships of various aquatic environments.

*Prerequisite: BIO 150, BIO 151, BIO 230*

## **BIO 426 BIRDS AND MAMMALS (3 CREDITS)**

This course explores avian and mammalian biology, including anatomy and physiology, behavior, ecology, evolution and conservation. Hands-on exercises will be integrated with lecture to emphasize taxonomy and identification.

*Prerequisite: BIO 150, BIO 151, BIO 230*

## **BIO 431 WILDLIFE MANAGEMENT & RESTORATION (4 CREDITS)**

Theory and methods of management of game and non-game populations are studied. Principles of endangered species and invasive species management include case studies of local and regional populations. The focus is on issues of the Northern Plains.

*Prerequisite: BIO 150, BIO 151, BIO 230*

### **BIO 432 TECHNIQUES IN WILDLIFE POPULATION ASSESSMENT (3 CREDITS)**

This course will examine the techniques used by managers and researchers when working with wildlife. Topics covered in the course include: study design, radio telemetry, passive monitoring techniques, animal capture and handling, population estimation, and quantifying vegetation and habitat usage.

*Prerequisite: BIO 150, BIO 151, BIO 230, MTH 107 and MTH 210 - Corequisite: MTH 342*

### **BIO 433 AQUATIC ECOLOGY (3 CREDITS)**

This course focuses on the physical, chemical, and biological processes in lakes, streams, and wetlands. The physical and chemical aspects of aquatic systems, and aquatic organisms life cycles and adaptations will be analyzed. A major theme of the course will be human impact on aquatic ecosystems.

*Prerequisite: BIO 150, BIO 151, BIO 230*

### **BIO 438 FISHERIES MANAGEMENT (3 CREDITS)**

This course introduces fisheries science and management including the biology, ecology, management, and conservation of fisheries and aquatic resources for freshwater fish of North America. Students will become familiar with the principles for protecting, conserving, enhancing, and managing freshwater fishery resources in various watersheds and whole ecosystems.

*Prerequisite: BIO 150, BIO 151, BIO 230*

### **BIO 439 CONSERVATION BIOLOGY (3 CREDITS)**

This course provides an overview of conservation biology, the scientific method, the biological principles behind conservation techniques and strategies, and the complexities involved in attempting to influence and implement conservation-oriented policies.

*Prerequisite: BIO 150, BIO 151, BIO 230*

### **BUS 120 FUNDAMENTALS OF BUSINESS (3 CREDITS)**

This course introduces the dynamic world of business, providing students with the fundamental concepts and functions in the business environment. Students will explore various facets of business, including management, marketing, finance, accounting, operations, and entrepreneurship.

### **BUS 130 TRIBAL GOVERNMENT (3 CREDITS)**

This course introduces students to tribal governance within Indian Country. Topics include traditional and modern tribal government, tribal administration, treaties, impact of national government policies and intergovernmental relations. Students will explore the legal, cultural, historic, and political foundations of Indigenous sovereignty.

### **BUS 170 ENTREPRENEURSHIP (3 CREDITS)**

This course gives students the knowledge and skills to start and manage a business. The course covers various aspects of entrepreneurship, from idea generation to business planning and implementation. Throughout the course, students will explore the entrepreneurial mindset and learn about the characteristics and traits of successful entrepreneurs. Key topics covered in the course include opportunity identification and evaluation, market research, business planning, financing and funding options, marketing strategies, operations management, social entrepreneurship, and legal considerations for startups. Students will have the opportunity to develop their business ideas and create comprehensive business plans.

*Prerequisite: BUS 120 Fundamentals of Business*

### **BUS 247 SPREADSHEET APPLICATIONS (3 CREDITS)**

This course will provide students with hands-on experience and skills with spreadsheet technology. Students will learn the various functions and formulas as well as how to plan, create, and program spreadsheets for common business applications. Emphasis is placed on using spreadsheet software as a problem-solving and decision-making tool.

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### **BUS 303 PRINCIPLES OF FINANCE (3 CREDITS)**

This course introduces foundational concepts and tools used in finance. Students will evaluate investment decisions, manage risk, determine value, and apply financial theory to real-world issues. Topics include financial valuation, risk and return, financial markets and capital budgeting. By integrating theory with practical applications, students are equipped with the analytical skills necessary for making financial decisions in both personal and professional contexts.

### **BUS 310 GRANT WRITING (3 CREDITS)**

This course addresses proposal writing and grant award management with special emphasis on procurement of funding sources for Native American and/or minority populations.

### **BUS 356 ORGANIZATIONAL BEHAVIOR (3 CREDITS)**

This course explores the fundamental principles of organizational behavior theory, human behavior, motivation, and group dynamics within professional environments. Topics include theories from psychology, sociology, management, organizational structures, culture, and their impact on employee attitudes, performance, and decision-making.

### **BUS 401 TRIBAL ENTERPRISE (3 CREDITS)**

This course explores the unique challenges, opportunities, and strategies within Indigenous communities' economic endeavors. Emphasis will be on managing enterprises within the context of tribal cultures, values, and sovereignty. Students analyze the diverse spectrum of tribal businesses, ranging from gaming operations to agriculture, tourism, and beyond. Through a multidisciplinary approach integrating business, cultural studies, and governance principles, students explore the nuances of tribal entrepreneurship, governance structures, and sustainable economic development.

### **BUS 406 BUSINESS ETHICS (3 CREDITS)**

This course explores the ethical challenges and dilemmas faced by individuals and organizations in the business world. Students will examine the foundations of ethical decision-making, ethical theories, and the application of these principles in various business contexts.

### **BUS 415 NONPROFIT MANAGEMENT (3 CREDITS)**

This course provides students with an understanding of the unique challenges and principles involved in managing and leading nonprofit organizations. Topics include nonprofit management, governance, fundraising, financial management, program development, and strategic planning. Students will have the opportunity to analyze case studies and real-world examples to understand the practical application of nonprofit management principles.

### **BUS 436 ORGANIZATIONAL LEADERSHIP (3 CREDITS)**

This course provides a framework that analyzes managerial leadership styles at various levels within an organization. The course examines contemporary perspectives involving leadership ethics, strategic plan leadership, leading organizational change, networking, and crisis leadership.

### **BUS 493 BUSINESS RESEARCH METHODS (3 CREDITS)**

This course explores the fundamentals of business research, with a focus on applied problem-solving. Students will develop critical thinking, problem-solving, and analytical skills through hands-on experience in designing and conducting business research projects. Topics covered include defining research problems, collecting and analyzing data, report writing, and ethical considerations.

### **BUS 497 BUSINESS INTERNSHIP (3 CREDITS)**

This course provides students the opportunity to apply theoretical knowledge to real-world scenarios, and gain valuable insights into the multi-faceted world of business. Students will complete a 120-hour internship in a business field and 16 hours of classroom instruction which focus on career development including skill reflection, networking, resume creation, job search tools, and interviewing skills. Students will be mentored by the employer and supervised by a Business Administration instructor.

*Prerequisite: BUS 356*

# C



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## **CHM 115 INTRODUCTORY CHEMISTRY (3 CREDITS)**

This course is designed to prepare students who require one semester of introductory chemistry for interdisciplinary non-major students. Students are introduced to the basic concept of chemistry such as structure of atoms, molecular formula, chemical bonding, different types of reactions, stoichiometric calculations, phases of matters and acids and bases.

*Corequisite: Lab 115*

## **CHM 121 GENERAL CHEMISTRY I (3 CREDITS)**

This course is an introduction to the fundamentals of chemistry including: atoms and molecules, chemical reactions and stoichiometry, solutions, chemical bonding, and periodic table and trends.

*Prerequisite: MTH 102*

*Corequisite: LAB 121*

## **CHM 122 GENERAL CHEMISTRY II (3 CREDITS)**

This course is an introduction to the fundamentals of chemistry including: solutions, thermodynamics, kinetics, chemical equilibrium, and organic chemistry.

*Prerequisite: MTH 102*

*Corequisite: LAB 122*

## **CHM 240 SURVEY OF ORGANIC CHEMISTRY (3 CREDITS)**

This course is designed to prepare students who require one semester of introductory chemistry for interdisciplinary non-major students. Students are introduced to the basic concept of chemistry such as structure of atoms, molecular formula, chemical bonding, different types of reactions, stoichiometric calculations, phases of matters and acids and bases.

*Prerequisite: CHM 122 General Chemistry II (3 Credits) - Corequisite: LAB 240*

## **CHM 341 ORGANIC CHEMISTRY I (3 CREDITS)**

Course will emphasize structure and bonding, nomenclature, stereochemistry and functional groups.

*Prerequisite: CHM 122 - Corequisite: LAB 341*

## **CHM 342 ORGANIC CHEMISTRY II (3 CREDITS)**

Students will study the structure, properties, and chemical reactivity of the basic classes of organic compounds, including: aromatic compounds, alcohols, ethers, aldehydes, ketones, carboxylic acids, and amines. Additionally, students will gain an understanding of the methodology and logic of organic synthesis. Finally, students will also gain an understanding of spectrometric techniques for organic structure determination.

*Prerequisite: CHM 341 - Corequisite: LAB 342*

## **CIS 107 LINUX FUNDAMENTALS (3 CREDITS)**

This course introduces students to the fundamental concepts of Linux/UNIX operating systems. Students will be trained in Linux command line utilities, file systems, text processing, and shell scripting. Open source software will be utilized in exploring cybersecurity concepts. This course prepares students for the CompTIA Linux+ certification exams.

## **CIS 128 MICROCOMPUTER HARDWARE I (3 CREDITS)**

This course uses best practices in training students in the functionality of hardware components, computer maintenance, and device security. Through hands-on activities, students will assemble and configure computing devices, troubleshoot common hardware problems and provide professional customer support. In addition, the course prepares students for the CompTIA A+ certification.

# COURSE DESCRIPTIONS

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# COURSE DESCRIPTIONS

## **CIS 143 CLOUD COMPUTING FUNDAMENTALS (3 CREDITS)**

This course introduces cloud computing fundamentals, including underlying technologies, key service models, deployment models, and security considerations. Students will examine current cloud providers and service models, as well as best practices and tools for securing cloud environments. This course prepares students for the CompTIA Cloud+ certification exam.

## **CIS 147 PRINCIPLES OF INFORMATION SECURITY (3 CREDITS)**

This course introduces students to the field of information security. Topics covered include basic security principles, terminology, legal and ethical issues, as well as examining security from business and personal perspectives. Students will discuss current cybersecurity events and breaches. This is the first of two courses that prepares students for the CompTIA Security+ certification.

## **CIS 164 NETWORKING FUNDAMENTALS I (4 CREDITS)**

This course focuses on network terminology, network infrastructure, the OSI model, IP addressing, network protocols, ports and standards, and structured cabling. Students will learn how to use network tools Cisco Packet Tracer, Wireshark, and basic command prompts. This is the first of two courses that prepares students for the CompTIA Network+ certification.

## **CIS 165 NETWORKING FUNDAMENTALS II (4 CREDITS)**

This course focuses on wireless networking, network architecture, virtual computing, network segmentation, and network security. Students learn how to configure routers and switches for basic functionality. By the end of this course, students will be able to configure and troubleshoot network devices and resolve common network issues. This is the second of two courses that prepares students for the CompTIA Network+ certification.

*Prerequisite: CIS 164*

## **CIS 180 CREATING WEB PAGES I (3 CREDITS)**

The course will cover the fundamentals of website layout and build a website using programming languages HTML and CSS. Students will learn how to implement responsive design and search engine optimization into their web pages. Students will also learn about best practices in website security.

## **CIS 208 DATABASE MANAGEMENT (4 CREDITS)**

This course focuses on database management system (DBMS) concepts and applying them to practical business situations. Topics include database environments, relational database modeling, logical and physical design, Structure Query Language (SQL), and database administration. Students will use a relational DBMS, employ associated tools, and write programs to manipulate tables.

## **CIS 212 MICROSOFT WINDOWS OPERATING SYSTEM CLIENT (3 CREDITS)**

The course helps learners to gain the knowledge and skills to install, configure, customize, optimize and troubleshoot operating systems, including Microsoft Windows, Linux, and macOS, in a stand-alone and network environment.

## **CIS 216 IMPLEMENTING A MICROSOFT NETWORK INFRASTRUCTURE (3 CREDITS)**

This course helps learners who will be responsible for configuring, managing, and troubleshooting a network infrastructure that uses the Microsoft Windows Server products. Students will learn how to install and manage a Microsoft Server and its roles. DHCP, DNS, RRAS, and File and Print services will be explored along with other roles and services in both physical and cloud computing environments.

*Prerequisite: CIS 212*

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# COURSE DESCRIPTIONS

## **CIS 255 COMPUTER AND NETWORK SECURITY (3 CREDITS)**

This course introduces students to technologies and practices used to secure computers and networks. Topics covered include cryptography, secure authentication, logging, device security, and other aspects of enterprise security. Students will discuss current cybersecurity events and breaches. This is the second of two courses that prepares students for the CompTIA Security+ certification.

*Prerequisite: CIS 147*

## **CIS 297 CIT INTERNSHIP (3 CREDITS)**

The internship experience is to integrate classroom learning from the Computer Information Technology (CIT) courses with practical experience in the information technology industry. The intern will complete a 45-hour internship in an IT field and 16 hours of classroom sessions. The intern will be mentored by the employer and supervised by the Computer Information Technology instructor.

*Prerequisite: CIS 165*

## **CJU 150 PATROL PROCEDURES (3 CREDITS)**

This course introduces the fundamentals of policing and the personal side of law enforcement, including methods of operations associated with police work and patrol duties.

## **CJU 201 INTRODUCTION TO CRIMINAL JUSTICE (3 CREDITS)**

This course provides an examination of the criminal justice system and process, including crime, law-making, prosecution, police, courts, and corrections.

## **CJU 204 TRAFFIC LAW AND ENFORCEMENT (3 CREDITS)**

This course provides an introduction to traffic control, traffic laws, driver and pedestrian behavior, techniques used to detect violators, and crash reduction strategies. Emphasis is placed on traffic codes, DUI, pursuit procedures, and discretionary police powers.

## **CJU 211 INTRODUCTION TO POLICING (3 CREDITS)**

This course centers on the role of law enforcement at the Local, State, Tribal and Federal levels within the criminal justice system.

## **CJU 212 INTRODUCTION TO HOMELAND SECURITY (3 CREDITS)**

This course introduces students to current public management policies and issues relevant to the security of the United States. The coordination of federal, state and local government agencies and nonprofit organizations that respond to threats is vital to the security of people, property and our way of life. The course relies upon theories, concepts and case studies to explore the challenges facing organizations that are a part of protecting our homeland security.

## **CJU 221 CRIMINAL LAW (3 CREDITS)**

This course is a study of classification of crimes and evolution of criminal law. Essential elements of a criminal offense are covered along with an in-depth understanding of State, Federal, and Tribal courts.

## **CJU 225 WEAPONS AND PHYSICAL FITNESS (3 CREDITS)**

This course covers the use of firearms commonly utilized by law enforcement agencies and places emphasis on weapons safety, cleaning, and maintenance. Physical fitness training and healthy lifestyle choices are included.

## **CJU 226 CRIMINAL INVESTIGATIONS (4 CREDITS)**

This course provides an introduction to criminal investigation procedures including theory of an investigation, conduct at a crime scene, and methods used in the forensic laboratory. Fingerprinting, ballistics, hand writing analysis, and surveillance techniques are covered.

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# COURSE DESCRIPTIONS

## **CJU 231 ETHICS IN CRIMINAL JUSTICE I (3 CREDITS)**

This course covers the theoretical foundation for solving ethical criminal justice dilemmas. Scenarios of ethical issues arising in state, federal, and tribal legal systems are covered.

## **CJU 254 JUVENILE JUSTICE (3 CREDITS)**

This course provides an introduction to the juvenile justice system including history, officer contact, the court process, guardianship, dependency and questions of delinquency, measurement and theory.

## **CJU 270 CORRECTIONS (3 CREDITS)**

This course provides an overview of the history of corrections in criminal justice. Prison operations, overcrowding, and inmate subculture are explored. Correctional officer duties, training, and responsibilities are addressed.

## **CJU 300 COMMUNITY POLICING IN DIVERSE CULTURES (3 CREDITS)**

This course examines the relationship between law, police, and community in the context of community policing within diverse cultures. The history and development of community policing, community relations, problem solving/problem oriented policing, and issues of organizational change are covered. The effectiveness of community policing strategies are covered.

## **CJU 310 MEDIA RELATIONS (3 CREDITS)**

This course is designed to familiarize students with the relationship between media and law enforcement agencies.

## **CJU 320 PAROLE AND PROBATION (3 CREDITS)**

This course explores probation and parole procedures as well as community corrections options. Students will gain an understanding of the importance of the presentence investigation and the duties that parole/probation officers fulfill in conducting those reports.

## **CJU 330 CRIMINOLOGICAL THEORY (3 CREDITS)**

This course is an examination of the major theories relied upon to explain criminal behavior. Criminological perspectives from the historical to the contemporary will be evaluated along with applicability to offense categories and offender typologies.

## **CJU 346 FORENSICS/CRIMINALISTICS (3 CREDITS)**

This course provides a theoretical and practical understanding of how a crime scene is processed, evidence is collected, and tested. Technology is used in crime scene investigation, preservation and testing of evidence. Students learn chain of custody and case law for collecting, handling, and use of evidence in preparation for trial.

## **CJU 350 CRIMINAL EVIDENCE AND PROCEDURE (3 CREDITS)**

This course focuses on the development of evidentiary rules in Federal, State, and Tribal Courts. General admissibility tests, rules of admissibility, and the law governing identification evidence will be covered. Specific emphasis is placed on the application of the rules in preparing for and presenting evidence in court.

## **CJU 351 ADMINISTRATION OF CRIMINAL JUSTICE (3 CREDITS)**

This course examines the basic structures and processes of the main components of the American criminal justice system and the interrelationship between the system components.

## **CJU 360 VICTIMS AND VICTIMOLOGY (3 CREDITS)**

This course provides an in-depth examination of the role of a victim in the criminal justice process. Particular emphasis will be placed on the Victim's Rights Movement and ensuing legislation.

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# COURSE DESCRIPTIONS

## **CJU 370 COURT PROCESSING (3 CREDITS)**

This course provides an overview of the court system from its inception to present day operations. Key personnel, including the judge, prosecutor, defense attorney, victims, and witnesses and their roles will be covered. Courtroom proceedings, court rulings, and rules of evidence are addressed.

## **CJU 410 CONSTITUTIONAL LAW (3 CREDITS)**

This course provides an in-depth examination of constitutional law as it relates to the criminal justice system with particular emphasis on the Bill of Rights. A historic overview of the creation of the U.S. Constitution, the formation of the American legal system, and the three branches of government are covered.

## **CJU 420 INTERVIEW TECHNIQUES (3 CREDITS)**

This course provides students with the skills necessary to ethically interview suspects, witnesses, and victims. Students acquire the skills to obtain reliable information through psychological and physiological methods.

## **CJU 431 ETHICS IN CRIMINAL JUSTICE II (3 CREDITS)**

Ethical dilemmas, decisions and conflicts of interest as they occur in law enforcement agencies, correctional institutions, and the court system are examined. Particular emphasis is placed on the concepts of due process, fundamental fairness and the implementation of models for ethical decision making.

## **CJU 435 WHITE COLLAR CRIME (3 CREDITS)**

This course examines crime committed by corporations as well as by individuals in white-collar occupations. The course addresses how such crimes are socially defined, who commits them, who is victimized by them, which social contexts promote them, and how society and the criminal justice system respond to them.

## **CJU 491 SENIOR SEMINAR (3 CREDITS)**

Senior Seminar serves as the culmination of acquired knowledge and skills for a criminal justice major. The purpose of the course is to integrate all prior learning as students actively engage professional preparation for employment in the criminal justice system.

## **CJU 493 RESEARCH METHODS (3 CREDITS)**

This course provides the Criminal Justice student an opportunity to develop skills for conducting professional research. Students become familiar with research terminology, methodology, and ethics.

## **COM 110 FUNDAMENTALS OF PUBLIC SPEAKING (3 CREDITS)**

This course engages the student in the theory and practice of public speaking with emphasis on content, organization, language, delivery and critical evaluation of messages.

## **CSC 101 INTRODUCTION TO COMPUTERS (3 CREDITS)**

This computer course provides students with a general knowledge of hardware and software issues. The course addresses subjects such as word processing, spreadsheets, presentation software, security, and Internet usage.

## **CSC 160 COMPUTER SCIENCE I (4 CREDITS)**

An introduction to computer science including problem solving, algorithm development and structured programming in a high-level language. Emphasis on design, coding, testing and documentation of programs using accepted standards of programming style.

*Prerequisite: MTH 102*

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# COURSE DESCRIPTIONS

## **CVO 100 INTRODUCTION TO COMMERCIAL VEHICLE OPERATIONS (CVO) (1 CREDIT)**

This course is designed for individuals seeking to obtain the necessary skills and knowledge required to pass the State Commercial Driver's License permit test, as well as vehicle inspection procedures and safe driving practices. Students will be introduced to commercial vehicle general knowledge, drive train, tires, maneuvering, coupling and uncoupling, Federal Motor Carrier (FMC) Safety Regulations, vehicle systems and controls. Upon successful completion of this course, students will complete the State Commercial Driver's License permit test.

## **CVO 101 COMMERCIAL DRIVING PRINCIPLES (6 CREDITS)**

This course provides knowledge to obtain a Class A license with combination vehicle and air brake components of the written test. This course identifies the laws and regulations, safe driving techniques at the state and federal level, and is designed to assist students with the skills necessary to pass the State Commercial Driver's License permit test by midterm deadline. In Accordance with the Federal Motor Carrier Safety Regulation (FMCSR) 49 CFR Part 380 Appendix A -Class A CDL Training Curriculum, students will be tested and must reach an 80% or above. Federal Motor Carrier safety regulation and industry standards are required for operating a commercial motor vehicle.

*Must be at least 18 years of age*

*Current Driver's License*

*Submit a copy of birth certificate*

*Submit Medical Examiner's Certificate (MEC) before semester midterms*

*Complete DOT Drug Analysis Screen before semester midterms*

## **CVO 102 COMMERCIAL DRIVING ENDORSEMENTS (5 CREDITS)**

This course is designed to develop the basis of understanding in the areas of commercial driving endorsements as well as critical information applicable to the industry for individual awareness.

*Must be at least 18 years of age*

*Current Driver's License*

*Submit a copy of birth certificate*

*Submit Medical Examiner's Certificate (MEC) before semester midterms*

*Complete DOT Drug Analysis Screen before semester midterms*

## **CVO 150 COMMERCIAL DRIVING OPERATIONS (5 CREDITS)**

This course is designed to gain the knowledge and the skills necessary to safely operate and drive truck and trailer combinations by applying the rules and regulations that govern the industry. These skills and knowledge lead to obtaining a Class A Commercial Driver's License. This course requires students to practice their skills behind the wheel and in the field.

*Must be at least 18 years of age*

*Current Driver's License*

*Submit a copy of birth certificate*

*Submit Medical Examiner's Certificate (MEC) before semester midterms*

*Complete DOT Drug Analysis Screen before semester midterms*

## **E**

### **ECO 201 MICROECONOMICS (3 CREDITS)**

This course introduces the fundamental principles of microeconomics and explores behavior of individual consumers and firms within the economic system. Topics include theories of supply and demand, market structures, and allocation of resources within competitive and imperfectly competitive markets. Students will utilize case studies and real-world examples to make informed decisions.

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### **ECO 202 MACROECONOMICS (3 CREDITS)**

This course introduces the fundamental principles of macroeconomics with emphasis on the behavior and performance of national and global economies. Topics include aggregate economic variables, such as national income, inflation, unemployment, economic growth, and monetary and fiscal policies. Students will utilize case studies and real-world examples to apply macroeconomic theory in today's global business environment.

*Prerequisite: ECO 201*

### **EDU 200 CLASSROOM MANAGEMENT (2 CREDITS)**

This course will prepare prospective educators to be responsive to the needs of students by providing a classroom environment in which all students can grow and thrive, including those from culturally, linguistically and ability diverse backgrounds. Course participants will experience various approaches and models for classroom discipline and develop their own personal style. They will also explore practical techniques for organizing and arranging classrooms to maximize learning.

### **EDU 205 INTRODUCTION TO EXCEPTIONAL EDUCATION (3 CREDITS)**

Trends and issues concerning exceptional education will be explored and discussed. This course presents an overview of learners with exceptional needs. Emphasis will be on characteristics of various exceptionalities, current issues, and the basic principles of the Individuals with Disabilities Act (IDEA). Consideration of cultural diversity, particularly Native American, will be emphasized in the course content.

### **EDU 232 FUNDAMENTAL ELEMENTS OF EFFECTIVE READING INSTRUCTION (3 CREDITS)**

This course is designed to introduce students to current research, theories, practices, and materials involved in the development of language and literacy. The five components of reading instruction based on scientifically and research-based best practices. Phonemic Awareness, Phonics, Fluency, Vocabulary, and Comprehension are identified and closely examined.

### **EDU 250 INTRODUCTION TO EDUCATION (3 CREDITS)**

This course introduces the field of education (K-12). Students explore a variety of careers in education and prepares them for future studies in the field. Topics covered include: historical, philosophical, and political influences; qualities and dispositions of effective teachers; pathways to becoming a teacher; curriculum and standards; classroom instruction, management, and assessment; and teaching multicultural/multilingual and special needs students.

### **EDU 288 TECHNOLOGY IN EDUCATION (2 CREDITS)**

This course will enable the student to facilitate learning with technology in the classroom setting. The student will plan, design, review and analyze specific activities and lessons using technology in the elementary classroom. The student will locate and evaluate appropriate technology resources to be used in the elementary classroom. International Society for Technology in Education Standards will be used to guide learning, inspire professional growth, and advocate for dynamic learning in schools. The students will identify the social, legal, and ethical issues related to implementing technology in elementary education.

### **EDU 290 MULTICULTURAL EDUCATION (3 CREDITS)**

This course examines how cultural diversity presents major opportunities and challenges in schools today. The course will focus on diversity consciousness and culturally responsive teaching in the context of an increasingly diverse school population. Students will be expected to relate concepts from the course to not only their own lives, but to current events in local, national, and international societies. Exploration of the North Dakota Native American Essential Understandings is included within the context of this course. The WIDA English Language Development Standards framework will be incorporated to address the needs of English Language Learners.

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# COURSE DESCRIPTIONS

## **EDU 296 FIELD EXPERIENCE I (2 CREDITS)**

This course is based on an independent study contracted between the instructor and a student. The class is a capstone course, taken during the final semester of the program, which provides the student with the opportunity to work with individual and small groups of children in elementary school classrooms, learning and implementing classroom management, curriculum, and observation.

## **EDU 300 BEHAVIOR MANAGEMENT AND INTERVENTIONS (3 CREDITS)**

This course provides teacher candidates with an overview of intervention strategies for behaviors typically associated with attention deficit/hyperactivity disorder, Autism Spectrum Disorders, emotional disorders, and other related conditions in elementary educational environment or classroom. Teacher candidates will analyze various behavior management techniques applicable to academic, social, and emotional behavior in students.

## **EDU 305 INCLUSIVE CLASSROOMS (3 CREDITS)**

This course is designed to prepare students with the knowledge, skills, and strategies necessary to support inclusive classrooms in elementary education school settings. Students will explore topics related to inclusive education, including: differentiation strategies for accommodations, modifying instruction through Individualized Education Programs (IEPs), assistive technologies, and multi-lingual learners to foster supportive learning environments.

*Prerequisite: EDU 205*

## **EDU 315 INTEGRATED ART, MUSIC & DRAMA CURRICULUM (3 CREDITS)**

This course is designed to give an overview of current theory and practice of an integrated arts curriculum for elementary classroom teaching. Subject matter will include teaching about and through the fine arts, music and drama. Candidates will explore elements of the arts and incorporate these elements into exercises and lessons appropriate for the elementary classroom.

## **EDU 325 LANGUAGE ARTS IN THE ELEMENTARY CLASSROOM (2 CREDITS)**

This methods course is designed to prepare teacher candidates for language arts instruction based on scientific, cultural, and research-based best practices in classroom teaching. Topics include: theoretical models of language development, listening, oral language, spelling, handwriting reference skills, reading, writing, and incorporating diverse learning content into the language arts curriculum. Field experience is required. UTTC Competency Requirement for Writing (Praxis Writing, ACT Score, or ENG 290/ENG120 A or B)

*Prerequisite: EDU 232*

## **EDU 330 TEACHING READING IN THE ELEMENTARY CLASSROOM (3 CREDITS)**

This is a survey course in reading instruction. The course provides a comprehensive overview of the complex processes involved in reading, including the strands of language comprehension and word recognition. Teacher candidates will be able to demonstrate competencies in reading instruction based on scientifically and research-based best practices, including phonemic awareness, phonics, fluency, vocabulary, and comprehension. Data-informed instruction will be utilized to differentiate instruction for students at various levels of developmental progression. Teacher Candidates will also prepare explicit, cumulative, teacher-directed lesson plans in literacy areas and implement in whole group instruction. Field experience is required. UTTC Competency Requirement for Reading (Praxis Reading, ACT Score, or HUM 106 A or B)

*Prerequisite: EDU 232*

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### **EDU 332 READING ASSESSMENT AND INTERVENTION (3 CREDITS)**

This course includes an overview and application of research-based assessment, diagnostic practices, and supportive interventions to differentiate reading instruction. Teacher candidates will gain competencies in reading assessment, data analysis and demonstrate research-based instructional strategies that support student learning needs and reading abilities, including English Learners. Student-led inquiry, shared teaching practice and performance, and case study applications provide collaborative learning experiences.

*Prerequisite: EDU 232*

### **EDU 338 FAMILY AND SCHOOL COLLABORATIONS (2 CREDITS)**

This course provides an opportunity for teacher candidates to reflect not only on present issues in schools, but the opportunity to review innovative initiatives and models around the country that support family engagement. The course will provide teacher candidates an opportunity to design constructive ways to empower families and teachers to be more effective in communicating professionally through electronic means and face-to-face connections. Teacher candidates will discuss and identify ways to collaborate with colleagues and parents/guardian/advocates to improve student performance.

### **EDU 342 ELEMENTARY PHYSICAL EDUCATION CURRICULUM (2 CREDITS)**

This is an interdisciplinary course designed to prepare teacher candidates with the philosophy, knowledge, and skills necessary to become competent teachers of elementary physical education, safety, and health education. Strategies included are observation, analysis, and journal writing during early clinical experience. Additionally, this course will broaden the candidate's understanding of children's play, health, and physical activity.

### **EDU 345 ASSESSMENT FOR LEARNING (3 CREDITS)**

This course introduces assessments and evaluations of student performance, utilizing the data to inform instruction. Teacher candidates are required to know, understand, and use formative and summative assessment strategies, progress monitoring, and outcome assessments and the resulting data to plan, evaluate, and strengthen instruction that will promote continuous and differentiated learning. Teacher candidates will explore and be able to read and understand screening and diagnostic tests used by educational evaluators.

### **EDU 346 FIELD EXPERIENCE II (1 CREDIT)**

This 45-hour field experience provides the teacher candidate an opportunity to apply course content in a grade 1-6 classroom and to reflect on the teaching profession as an active participant. A mentor teacher and Teacher Education field supervisor provide guidance during this learning experience. The teacher candidate will be challenged to develop ways of articulating subject area knowledge, to collaborate with colleagues and parents, and to apply understanding of students as individuals with social, emotional, physical, and intellectual needs. The teacher candidate will be expected to observe and engage in daily classroom activities and may be called upon to work with individuals or in small group settings during this field experience. Teacher Candidates will also prepare lesson plans in content areas and implement in whole group instruction.

*Prerequisite: EDU 296*

### **EDU 355 MATHEMATICS IN THE ELEMENTARY CLASSROOM (2 CREDITS)**

This course is the third in a series of three courses designed to develop the necessary foundations in mathematics for prospective elementary teachers. This course prepares teacher candidates to teach mathematics in elementary schools. The focus of this course will be on understanding mathematical concepts and developing appropriate lessons and strategies for teaching mathematical concepts to all children. An emphasis is placed on meeting the needs of all learners in culturally diverse educational environments, including differentiated instruction with accommodations and modifications, as needed. UTTC Competency Requirement for Writing (Praxis Mathematics, ACT Score, or MTH 103, 104, 377 A or B)

*Prerequisite: MTH 277, MTH 377*

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### **EDU 365 SCIENCE IN THE ELEMENTARY CLASSROOM (2 CREDITS)**

This course prepares elementary education teacher candidates to teach science integrated with technology. This course has four components: earth science, space science, physical science, and life science. The focus of this course is on increasing content knowledge and on planning and implementing developmentally appropriate, integrated science units. This course includes inquiry-based and computer laboratory experiences.

### **EDU 375 SOCIAL STUDIES AND GEOGRAPHY IN THE ELEMENTARY CLASSROOM (3 CREDITS)**

This is a survey of methods designed to prepare beginning teachers for instruction in Social Studies and Geography. The course content includes key topics for social studies and geography. Teacher candidates will design and create effective and engaging lessons that align with curriculum standards, including activities that promote student investigation, research skills, Native American cultures, histories, and geography.

### **EDU 396 FIELD EXPERIENCE III (1 CREDIT)**

This 90-hour full semester field experience provides the teacher candidate continued opportunity to apply course content in a grade 1-6 classroom and to reflect on the teaching profession as an active participant. A mentor teacher and Teacher Education field supervisor provide guidance during this learning experience. The teacher candidate will be challenged to develop ways of articulating subject area knowledge, to collaborate with colleagues and parents, and to apply understanding of students as individuals with social, emotional, physical, and intellectual needs. The teacher candidate will be expected to engage in daily classroom activities and will work with students in small group and large group settings during this Level III field experience. Teacher Candidates will also prepare lesson plans in content areas and implement in whole group instruction. This field experience is completed during the semester immediately preceding student teaching.

*Prerequisite: EDU 346*

### **EDU 498 ELEMENTARY EDUCATION STUDENT TEACHING (12 CREDITS)**

Student teaching is the opportunity for teacher candidates to participate in an experiential learning setting where they can utilize the skills, strategies, and knowledge they learned during their teacher preparation program. With a theme of Competence and Caring as the underlying focus of the experience, students enrolled in this course will experience firsthand the many facets of teaching in an elementary school setting. Successful completion of this field placement is the culminating activity leading to licensure as a professional educator. (Open only to students approved for student teaching.)

### **ENG 105 TECHNICAL COMMUNICATIONS (3 CREDITS)**

This course concentrates on professional communications, resource searches, and speech for students in two-year technical programs. Includes informal report writing, technical communication, job preparation, and oral presentation.

### **ENG 110 COMPOSITION I (3 CREDITS)**

An introduction to college-level writing as a process of drafting, revising and editing. This course emphasizes critical reading, writing, thinking and research skills as students write for a variety of audiences and purposes. Students will receive guided instruction in the writing process. An introduction to proper crediting of source material and research will occur.

### **ENG 120 COMPOSITION II (3 CREDITS)**

This course continues and reinforces the college-level writing skills practiced in ENG 110. Topics include critical reading, writing, thinking, and research skills. Students will practice textual analysis and synthesizing information from a variety of primary and secondary sources. Writing assignments will emphasize logical argument, persuasion, and collaboration. Major assignments will require proper crediting of source material and research.

*Prerequisite: ENG 110*

### **ENG 125 INTRODUCTION TO PROFESSIONAL WRITING (3 CREDITS)**

This course will teach students to present information in a way that effectively communicates a particular message to a specific audience in a style and format consistent with the demands of a professional or technical setting.

*Prerequisite: ENG 110*

### **ENG 211 INTRODUCTION TO CREATIVE WRITING (3 CREDITS)**

This course is a guided practice of writing skills related to the imaginative uses of language. In this course students will explore a variety of invention and composition strategies to create several types of creative writing. This course will introduce the process of expressing personally and culturally significant experiences through the development of a personal style and voice.

*Prerequisite: ENG 110*

### **ENG 238 CHILDREN'S LITERATURE (3 CREDITS)**

This course will serve as an introduction to children's and adolescent literature, with an emphasis on the integration of literature across the curriculum and on literature response activities. Learners will read a wide range of books and become familiar with a variety of genres, including traditional Native American stories. They will use evaluation criteria to determine the quality of various books and will practice identifying literary elements and devices authors use.

### **ENG 290 ENGLISH FOR ELEMENTARY TEACHERS (3 CREDITS)**

This course is designed as a "skills building" course in the Teacher Education program. The course will cover parts of speech, word use, sentence construction, spelling, capitalization, punctuation and principles of effective writing. Not only will this class enhance speaking and writing skills, it will also prepare the student for the Praxis: PPST, the exam required for North Dakota teacher licensure.

*Prerequisite: ENG 110*

### **ENR 116 INTRODUCTION TO ENGINEERING (3 CREDITS)**

This course is an introduction to the engineering profession utilizing problem-based learning strategies. It provides an overview of various engineering disciplines, engineering ethics, relevant concepts from science and mathematics, and develops an open mindset to learning. Additionally, students will develop the problem-solving, computer, and study skills required for success with subsequent engineering coursework.

### **ENR 117 COMPUTER-AIDED DESIGN (1 CREDIT)**

This course provides students with a broad introduction into 2-dimensional and 3-dimensional Computer-Aided Design and Drafting (CADD) and modeling with a focus on producing a 3D printable capstone project.

### **ENR 173 INTRODUCTION TO COMPUTING (4 CREDITS)**

Programming in a high level language with applications to engineering computation, analysis, and design.

*Prerequisite: MTH 103 College Algebra*

### **ENR 201 STATICS (3 CREDITS)**

This course studies the effects of external forces acting on stationary rigid bodies in equilibrium. Vector algebra is used to study two and three-dimensional systems of forces.

*Prerequisite: MTH 165*

### **ENR 202 DYNAMICS (3 CREDITS)**

This course examines kinematics and dynamics of particles, solid bodies and structures. Topics will cover kinetics and kinematics of two and three-dimensional mechanisms. Emphasis will include free body diagrams, vector analysis methods, and various coordinate systems.

*Prerequisite: MTH 166, ENR 201*

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## **ENR 203 MECHANICS OF MATERIALS (3 CREDITS)**

Introduction to stress, strain, and their relationships; torsion of circular shafts, bending stresses, deflection of beams, stress transformations. Understand the reaction of deformable materials to applied loads (both mechanical and thermal).

*Prerequisite: ENR 201, MTH 166*

## **ENR 204 SURVEYING (4 CREDITS)**

This course is designed to introduce students to measurement and errors, topographical and construction surveys, vertical and horizontal control methods, field exercises and computation techniques for surveying data, computation of earthwork volumes.

## **ENR 211 ANALYSIS AND DESIGN METHODS FOR ENVIRONMENTAL ENGINEERS (1 CREDIT)**

Exposure to real-life environmental design, analysis, and processes. This will include an overview of contemporary software, exposure to sustainability, cultural, global, environmental, social, risk, and economic considerations. One 3-hour lab.

*Prerequisite: ENR 111*

## **ENR 212 FUNDAMENTALS OF VISUAL COMMUNICATIONS FOR ENGINEERS (3 CREDITS)**

This course introduces visual communications for design and manufacturing, computer-aided drawing and design, three-dimensional modeling and orthographic projections, geometric dimensioning and tolerancing. Student will adhere to the American Society of Mechanical Engineers Y14.5 1994 standard, which includes sketching, parametric modeling, drawings and assemblies.

## **ENR 217 ADVANCED MANUFACTURING (1 CREDIT)**

This course builds on the ENR 117 Computer-Aided Design and Drafting course and introduces advanced manufacturing. Projects will challenge students to follow the steps of producing a product from need identification through production (art to part) using advanced manufacturing. The course will include a survey of the major advanced manufacturing methodologies, metrology, and material property assessment.

*Prerequisite: ENR 117*

## **ENR 250 FUNDAMENTALS OF ENVIRONMENTAL ENGINEERING (3 CREDITS)**

Fundamental principles in environmental engineering; basic principles of calculation; introduction to mass and energy balances; chemical stoichiometry; biology, microbiology, biochemistry, and enzyme kinetics; risk and uncertainty; and, fundamental concepts for assessing sustainability.

*Prerequisite: ENR 211, MTH 165*

## **ENR 275 DIGITAL SYSTEMS (4 CREDITS)**

This course serves as an introduction to computer arithmetic, designing combinatorial circuits, and designing basic sequential circuits.

*Prerequisite: MTH 107 Precalculus*

## **ENR 290 MANUFACTURING PROCESSES (3 CREDITS)**

This course will explore traditional manufacturing processing methods as employed in contemporary practice. Includes: properties of materials, machining, casting, forming, and fabrication techniques. Several experiments will be conducted on various manufacturing processes in the laboratory.

*Prerequisite: ENR 117 Computer Aided Design and Drafting*

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## F

### **FND 106 FIRST YEAR EXPERIENCE AND HEALTHY LIVING (2 CREDITS)**

This course is designed to promote a successful college experience and a healthy lifestyle. Emphasis is placed on realistic, practical guidance ranging from study skills to personal health, from test taking to managing time and money, and from self-awareness to career exploration. Course participants will have the opportunity to engage in a balance of classroom activities, guest speakers, and physical activities, integrated with Native American culture.

## G

### **GEO 105 PHYSICAL GEOLOGY WITH LAB (4 CREDITS)**

This course covers various topics relating to the study of the inorganic evolution of the Earth. Subjects relating to the natural processes forming the Earth's minerals, rocks, and internal composition are covered. A lab is included in this course.

Prerequisite: MTH 101 (or equivalent)

### **GEO 409 WATER QUALITY (3 CREDITS)**

This course will explore general hydrology, focusing on physical, microbiological, and chemical parameters affecting water quality and availability, and associated issues regarding human and environmental health. Topics include water as a resource, waterborne disease, pollution of groundwater and surface waters, drinking water and public health, and wastewater treatment.

*Prerequisite: GEO 105, BIO 150*

### **GEO 415 HYDROGEOLOGY (3 CREDITS)**

Students will learn geologic factors influencing the occurrence and distribution of surface and groundwater and its effects on humans; principles of hydrology; water-systems analysis and planning; water quality and pollution; exploration and development of water resources.

*Prerequisite: PHY 211, GEO 105*

### **GIS 105 FUNDAMENTALS OF GIS (3 CREDITS)**

This course is an overview of Geographic Information Systems (GIS) utilizing ESRI's ArcGIS suite of software using a hands-on approach.

*Prerequisite: CSC 101*

### **GPE 101 FIRST AID & CPR (1 CREDIT)**

The course covers first aid and cardiopulmonary resuscitation training to give individuals the knowledge and skills necessary to prevent, recognize, and provide basic care for injuries and sudden illnesses until advanced medical personnel arrive and take over.

### **GPE 102 INTRODUCTION TO FITNESS (1 CREDIT)**

This course introduces techniques on developing fitness levels. The students learn the health factors associated with fitness and wellness which relate to their families and community.

### **GPE 104 OSHA 10 SAFETY (1 CREDIT)**

This course is a basic overview of the requirements of the Occupational Health and Safety Administration as related to working in any industry. It also covers the requirements for treating an ill or injured person.

### **GPE 106 INTRODUCTION TO SPORTS OFFICIATING (1 CREDIT)**

This course will provide the necessary introductory skills and concepts for officiating a variety of sports.



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## **GPE 240 FUNDAMENTALS OF NUTRITION (3 CREDITS)**

This course explores the basic principles of nutrients, their functions and food sources, including nutrient application in food preparation, menu planning and promoting a healthy lifestyle.

# H

## **HEO 101 BASIC PRINCIPLES OF HEO (3 CREDITS)**

This course provides a broad introduction to the process of executing earth moving activities on various types of construction projects. The uses of heavy equipment such as bulldozers, scrapers, excavators, and loaders are explained. This course will also cover preventive maintenance responsibilities of the operator knowing how and when to inspect equipment, and how and when to do routine maintenance.

## **HEO 124 BASIC SAFETY FOR HEAVY EQUIPMENT OPERATION (3 CREDITS)**

This course introduces basic HEO industry safety work practices and procedures, inspecting equipment before use, and using equipment safely and properly. Recognizing the typical construction site has many hazards, and basic safety begins by eliminating hazards in the equipment and the workplace.

## **HEO 130 PROJECT LAYOUT (3 CREDITS)**

This course introduces basic blueprint terms, components, and symbols and presents different types of construction drawings commonly found on job sites and their importance. This course covers standardized information contained on blueprints such as identification, revision status, symbols, project titles, dimension, and scale.

## **HEO 150 HEAVY EQUIPMENT OPERATIONS (6 CREDITS)**

This course provides an overview of heavy equipment operations and operator responsibilities, while covering basic operating principles and functions. In this course, procedures will be practiced in preventive maintenance of heavy equipment and operations of commonly used pieces of heavy equipment.

## **HIS 103 U.S. HISTORY TO 1877 (3 CREDITS)**

A survey of United States History to 1877. This course offers students an introduction to the history of the United States from before Native American contact with Europeans through the end of Reconstruction in 1877. This class will follow the development of America as a nation, advances in technology, and the varied means by which Americans met social and economic challenges. Students will be introduced to key events, people, and trends fundamental to any course in American History. The course includes the impact of historical events on Native American people.

## **HIS 104 U.S. HISTORY SINCE 1877 (3 CREDITS)**

This course is a survey of American History covering political, social, economic, and cultural issues from Industrialization to the present. The course includes the impact of historical events on Native American people.

## **HPR 200 INTRODUCTION TO HEALTH, PHYSICAL EDUCATION, AND RECREATION (3 CREDITS)**

This course introduces history, philosophy, current practices, and potential career opportunities in the field of health, physical education, and recreation.

## **HPR 207 PREVENTIVE AND CARE OF INJURIES (3 CREDITS)**

This course will provide students with the principles of athletic training. Students will learn prevention, recognition, treatment of athletic injuries, organization and administration of athletic training and basic taping techniques.

*Prerequisite: HPR 230*

### **HPR 230 INTRODUCTION TO COACHING (3 CREDITS)**

This course will introduce students to the fundamental principles, theories, and practical skills associated with various realms of coaching, whether in sports, business, or personal development. Students will gain insight into effective coaching, communication, goal setting, motivation, and leadership. The course emphasizes a holistic approach, blending theoretical knowledge with hands-on experiences, case studies, and reflective exercises.

### **HPR 240 INTRODUCTION TO PHYSICAL EDUCATION (3 CREDITS)**

This course is an introduction to the nature and scope of physical education by means of a critical examination of sport, play, and exercise. The course is designed to provide historical foundations of physical education as a profession and for sport as part of physical education. Special attention is focused on the role of physical education within the total education program.

### **HPR 242 PRINCIPLES OF SPORT PSYCHOLOGY (3 CREDITS)**

This course will cover various psychological principles associated with sports. Discussions will consist of which psychological variables can hinder or enhance athletic performance. Class content will also illustrate numerous psychological techniques which can enhance sport performance.

*Prerequisite: PSY 111, HPR 230, HPR 240*

### **HPR 297 HEALTH, PHYSICAL EDUCATION, AND RECREATION INTERNSHIP (2 CREDITS)**

Students are placed as interns in a community-based park or recreation facility for this field based course. The students receive supervised training in professional development under the supervision of an on-site mentor. In the seminar, students will explore values, roles and responsibilities, and ethical obligations of the recreation and physical education profession.

### **HSS 201 CASE MANAGEMENT (3 CREDITS)**

This course introduces students to the concept of case management and how it is used to provide human services. Students will learn assessment skills, treatment planning, intervention strategies, and community resources. Exploration of the many factors affecting case management today, including federal legislation, emerging client groups, technology, shifting demographics, new service delivery models, and the resulting ethical and legal dilemmas.

### **HSS 223 PRINCIPLES OF INTERVIEWING AND COUNSELING (3 CREDITS)**

An introduction to the components of interviewing and counseling to build client relationships and guide the process of personal change.

### **HSS 228 CRISIS INTERVENTION (3 CREDITS)**

In this course, students will engage in concepts related to crises, explore various response strategies, discuss diversity, utilize research findings in connection to crisis events, and explore concepts in self-help strategies.

### **HSS 235 GROUP WORK IN HUMAN SERVICES (3 CREDITS)**

The emphasis of this course is to engage the student in learning the various types of groups, assessing the group, and group dynamics. Various group theories will be reviewed, covering the strengths and weaknesses of each treatment modality, and cultural considerations of each treatment theory.

### **HSS 244 ADDICTION COUNSELING (3 CREDITS)**

Students learn about the causes and symptoms of addiction and treatment strategies used with drug and alcohol-addicted individuals. This course addresses impacts on the family, special groups and issues in chemical dependency, and prevention strategies.

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### **HSS 250 INTERPERSONAL SKILLS (3 CREDITS)**

The course is designed to enhance the verbal and non-verbal communication skills necessary for social work practice. Skills, values and knowledge of effective personal and professional communication are introduced in the course. An emphasis is placed on self-awareness, interactive listening, attending behaviors and self-disclosure. This course requires a 25 hour volunteer experience.

### **HSS 260 ALCOHOL AND DRUG USE IN AMERICAN SOCIETY (3 CREDITS)**

This course is designed to introduce the student to the social reality of drug use and drug users. Course participants will study the historical significance and social construction of drug use, users, abuse and addiction.

### **HSS 285 CHILD WELFARE IN RURAL COMMUNITIES (3 CREDITS)**

This course provides an overview of the child welfare system in the rural United States. Students will identify social factors that influence the child welfare system, prevention strategies, and intervention and treatment modalities. Other topics reviewed in the course will consist of various cultural needs and life cycles of the diverse family.

### **HSS 286 FAMILY DYNAMICS (3 CREDITS)**

This course applies a variety of theoretical perspectives, including systems theory and person-in-environment in order to use skills to engage, assess, intervene, and evaluate social work practice with families.

### **HUM 101 INTRODUCTION TO HUMANITIES (3 CREDITS)**

This course examines how human beings express themselves through the arts, music, literature and other humanities disciplines such as history and philosophy, employs a world and historical view and emphasizes the diversity and commonality in human culture.

### **HUM 106 READINGS IN NATIVE AMERICAN LITERATURE (3 CREDITS)**

Learners read and interpret a variety of texts by Native American writers and Native American culture and history. The selections include fiction and nonfiction, autobiography, poetry, short stories, essays, and one complete novel.

### **HUM 122 INDIGENOUS FOOD SOVEREIGNTY (3 CREDITS)**

This course will examine the ways in which Native American communities are addressing food related issues - from fighting rising rates of diabetes, heart disease, and obesity stemming from a drastically colonized diet - to preservation of tribal food cultures, to defending treaty-guaranteed hunting, fishing, and gathering rights. This class will also explore the disparate health conditions faced by Native communities, and the efforts made by many community groups to address these health problems through increasing access to traditional foods and medicines - whether by gardening, traditional agriculture, or a revival of hunting, fishing, and gathering traditions. We will also examine the ways in which Native food movements have converged and diverged from general American local food movements and the struggles they often face in protecting and renewing food ways.

### **HUM 191 OČHÉTHI ŠAKÓWIŃ (SEVEN COUNCIL FIRES) HISTORY AND CULTURE (3 CREDITS)**

A general history of the Očhéthi ŠakówiŃ (Seven Council Fires) or "Great Sioux Nation" from prehistoric times to the present. Participants will examine the cultural and historical changes, experienced by contact and influences of tribes from other regions and non-Indians.



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# COURSE DESCRIPTIONS

## **IND 101 INDIGENOUS LANGUAGE I (3 CREDITS)**

This course is designed for second-language learners of Indigenous Language. Students will be immersed in the Indigenous language and culture with a focus on building conversational capacity, grammatical analysis, and cultural confidence while building their language learning skills. Instructional strategies include a wide variety of resources, including authentic and prepared materials, conversations, reference materials, and the knowledge and experiences students bring to the classroom.

## **IND 102 INDIGENOUS LANGUAGE II (3 CREDITS)**

This course is designed for second language learners of Indigenous Language who are at an intermediate level. Students will deepen their immersion in Indigenous Language and Culture with a focus on building conversational capacity, grammatical analysis, and cultural confidence, all while strengthening their language learning skills. By the end of the course, students will be able to apply the vocabulary and structures that they have learned in class to engage independently in oral and written communication about increasingly complex topics.

*Prerequisite: IND 101 Indigenous Language I*

## **IND 105 INDIGENOUS CULTURE COMPETENCY I (3 CREDITS)**

This course will introduce the concept of culture in a broad global context and narrow to individual student exploration of their own Indigenous cultural identity. Topics include student Indigenous nation story of origin, traditions, practices, songs and customs; identification of present day cultural practices and knowledge bearers; and the role of the United Nations Declaration on the Rights of Indigenous Peoples in re-affirming Indigenous identity.

## **IND 110 INTRODUCTION TO INDIGENOUS LEADERSHIP (3 CREDITS)**

This course offers an introductory exploration into leadership within Indigenous communities across North America. Students will engage with historical and contemporary examples of Indigenous leadership, examining how it is influenced by cultural, social, and political factors. The course will cover various strategies used by Indigenous leaders to navigate challenges in their communities and beyond.

## **IND 200 INTRODUCTION TO FEDERAL INDIAN LAW (3 CREDITS)**

This course will examine the history and legal relationship of the United States government with Indigenous people - American Indian - as reflected in federal laws. Topics include sovereignty, treaties, US Supreme Court Case Law, Federal statutes, and how contemporary issues and court decisions affect present day situations and future implications.

## **IND 210 INDIGENOUS LEADERSHIP AND ETHICS (3 CREDITS)**

This course offers an in-depth exploration of leadership and ethical principles from a distinctive Indigenous perspective. Topics include Indigenous and mainstream leadership models, and the ethical dimensions unique to Indigenous and Non-Indigenous practice. Students will examine case studies, engage in presentation, and explore the intersection of leadership, ethics, and Indigenous cultural principles. This course is crucial for those aspiring to lead with a strong understanding of Indigenous ethics and leadership styles.

## **IND 211 INDIGENOUS CULTURE COMPETENCY II (3 CREDITS)**

This course expands on the foundational concepts of Indigenous Culture Competency I and applies that knowledge to Indigenous leadership. Topics include examining the intersection of Indigenous culture competency and leadership decision making practice. Students will explore the integration of leadership and culture through research based Native Nation Building practices.

*Prerequisite: IND105 Indigenous Culture Competency I*

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updates at  
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### **IND 216 INDIGENOUS WORKPLACE COMMUNICATIONS (3 CREDITS)**

This course bridges Indigenous communication styles with mainstream workplace practices. Students will learn to navigate and adapt to different communication contexts, ensuring their effectiveness in both Indigenous and mainstream professional environments. This course is essential for those seeking to excel in communication within various workplace settings while honoring Indigenous cultural values.

### **IND 271 INDIGENOUS RIGHTS, ADVOCACY, AND SOCIAL JUSTICE (3 CREDITS)**

This course will explore Indigenous Rights, as defined by the United States Federal Government and the United Nations. Topics include an introduction to and exploration of the history of advocacy and social justice movements pertaining to Indigenous Rights. Students will learn about the establishment of Indigenous groups such as the National Congress of American Indians, the American Indian Movement, and the Native American Rights Fund as well as grassroots advocacy and social justice groups.

### **IND 296 INDIGENOUS LEADERSHIP IN PRACTICE CAPSTONE (3 CREDITS)**

This course is the culminating experience of the Associate of Science Degree in Indigenous Leadership program which provides students with a platform to integrate and apply their acquired knowledge and skills in real-world scenarios as Indigenous leaders. Topics include Indigenous leadership and community engagement through various project options. Students will engage in comprehensive project planning, execution, reflection, and presentation, demonstrating their understanding of Indigenous cultures, traditions, and contemporary issues.

### **INT 297 SUMMER INTERNSHIP (3 CREDITS)**

The Summer Internship course is a structured work experience during which students will gain practical experience related to their program of study and career goals. Students work with the internship supervisor to develop specific goals and a plan to achieve the required course objectives. The internship includes experiences related to industry-specific skills as well as soft skills needed in the workplace, such as problem-solving, work ethic, and leadership. The student will have weekly class discussion with the designated UTTC internship supervisor/facilitator. Students will complete 24 hours per week for 7 weeks in their 3 credit internship placement. The course culminates with a performance evaluations by the employer and the internship supervisor.

*Prerequisite: Students must have completed a minimum of two full-time semesters at UTTC, or have the transfer equivalent, to register for this course.*

## **L**

### **LAB 105 PHYSICAL SCIENCE BY INQUIRY LAB (1 CREDIT)**

This course provides hands-on activities discussing properties of matter, light and color, electric circuits, kinematics, astronomy, and basic laboratory procedures. This course is intended for non-science majors.

*Corequisite: PHY 105*

### **LAB 111 CONCEPTS OF BIOLOGY LAB (1 CREDIT)**

This lab is an integral component of the Concepts of Biology course, designed to provide students with a hands-on experience to reinforce and expand upon the theoretical concepts covered in the corresponding lecture-based course. This lab offers students the opportunity to explore, experiment, and engage with the fascinating world of biology.

*Corequisite: BIO 111*

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# COURSE DESCRIPTIONS

## **LAB 115 INTRODUCTION TO CHEMISTRY LAB (1 CREDIT)**

This course is designed to prepare students who require one semester of introductory chemistry for interdisciplinary non-major students. Students are introduced to Lab safety, basic equipment's and techniques used in chemical laboratories, introductory chemistry experiments such as determining chemical formula, characterizing solutions, acids and bases.

*Corequisite: CHM 115*

## **LAB 121 GENERAL CHEMISTRY I LAB (1 CREDIT)**

This course provides hands-on experience with the fundamentals of Chemistry including: atoms and molecules, chemical reactions and stoichiometry, solutions, chemical bonding, and periodic table and trends.

*Corequisite: CHM 121 - Prerequisite: MTH 102*

## **LAB 122 GENERAL CHEMISTRY II LAB (1 CREDIT)**

This course is a hands-on experience in the fundamentals of chemistry including solutions, thermodynamics, kinetics, chemical equilibrium, and organic chemistry.

*Prerequisite: MTH 102 - Corequisite: CHM 122*

## **LAB 150 GENERAL BIOLOGY I LAB (1 CREDIT)**

This course is a laboratory section associated with BIO 150: General Biology I and will cover the "Study of Life" at a cellular and physiological level. The lab will use hands on demonstrations and experiments to visualize general biological concepts.

*Corequisite: BIO 150*

## **LAB 151 GENERAL BIOLOGY II LAB (1 CREDIT)**

The lab will use hands on demonstrations and experiments to visualize general biological concepts covered in the lecture.

*Corequisite: BIO 151*

## **LAB 201 EARTH SCIENCE LAB (1 CREDIT)**

This course is a laboratory section associated with SCI 201 Earth Sciences: geology, meteorology, oceanography, and astronomy.

*Corequisite: SCI 201*

## **LAB 230 FARM AND FORAGE TO FORK (1 CREDIT)**

This course focuses on preparing cross-cultural foods using traditional and contemporary Indigenous food preparation and culinary techniques from various geographical locations. Students will be exposed to the safe use of unique ingredients that are native to North America.

*Corequisite: AGR 246*

## **LAB 240 SURVEY OF ORGANIC CHEMISTRY LAB (1 CREDIT)**

This course is designed to prepare students who require one semester of organic chemistry for biological and polymer chemistry. Students are introduced to lab safety, handling glassware, and organic laboratory techniques such as performing reactions, synthesis, chromatography and different spectroscopy.

*Corequisite: CHM 240*

## **LAB 252 UNIVERSITY PHYSICS II LABORATORY (1 CREDIT)**

This course is a laboratory component of University Physics II, covering fundamental concepts of physics. Topics include vibrations and waves, electricity and magnetism, light and optics, and an introduction to modern physics.

*Prerequisite: MTH 166*

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# COURSE DESCRIPTIONS

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## LAB 341 ORGANIC CHEMISTRY I LAB (1 CREDIT)

This lab supports Organic Chemistry, CHM 341, by emphasizing the nomenclature, structure, reactivity, methods of preparation, chemical behavior, and reaction mechanisms of carbon compounds together with fundamental principles and theories of organic spectroscopy. The experiments will consist of carbon-based compounds including proteins, medicines, artificial flavorings, and polymers. Prerequisites: Successful completion of UTTC Environmental Science and Research AS degree and acceptance into Bachelor program or recommendation of advisor.

*Corequisite: CHM 341*

## LAB 342 ORGANIC CHEMISTRY II LAB (1 CREDIT)

This lab supports Organic Chemistry, CHM 342, by emphasizing Structures and reactivity, named reactions, carbon-carbon bond forming reactions, aromatic and heterocyclic chemistry, biomolecules and polymers, and multi-step synthesis.

*Corequisite: CHM 342*

## M

### MTH 101 INTRODUCTION TO ALGEBRA (3 CREDITS)

This course is an introductory beginning level algebra course. Topics covered include fundamental operations, linear graphing and exponents. This class does not meet transfer requirements for math.

### MTH 102 INTERMEDIATE ALGEBRA (3 CREDITS)

Properties of the real number system, factoring, linear, exponential and quadratic equations, functions, polynomial and rational expressions, systems of equations, exponents and radicals.

*Prerequisite: MTH 101 or placement test*

### MTH 103 COLLEGE ALGEBRA (4 CREDITS)

This course is designed to introduce the learner to critical thinking and problem solving skills in algebraic concepts, relations and functions, equations and inequalities, complex numbers; polynomial, rational, exponential and logarithmic functions and systems of equations.

*Prerequisite: MTH 102 or placement test*

### MTH 104 FINITE MATH (4 CREDITS)

Systems of linear equations and inequalities, matrices, linear programming, mathematics of Finance, elementary probability and descriptive statistics.

*Prerequisite: MTH 102 or placement test*

### MTH 106 CAREER MATH (3 CREDITS)

This course covers material designed for career technical students who need to study particular mathematical topics. Topics may include measurement, algebra, geometry, trigonometry, graphs, and/or finance. These are presented on an introductory level and the emphasis is on applications. This class does not meet transfer requirements for math.

### MTH 107 PRECALCULUS (4 CREDITS)

Equations and inequalities, polynomial, rational, exponential, logarithmic, trigonometric and inverse trigonometric functions; trigonometric identities and equations and applications.

*Prerequisite: MTH 102*

### MTH 129 BASIC LINEAR ALGEBRA (3 CREDITS)

Systems of linear equations, matrices, determinants, vector spaces, lines and planes in space, linear transformations, eigenvalues and eigenvectors.

*Prerequisite: MTH 107*



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# COURSE DESCRIPTIONS

## **MTH 165 CALCULUS I (4 CREDITS)**

This course introduces the learner to basic concepts of calculus, including limits, derivatives, and integrals. Problem analysis involving rates of change and optimization are emphasized in this course.

*Prerequisite: MTH 107*

## **MTH 166 CALCULUS II (4 CREDITS)**

This course teaches students techniques of integration, polar and parametric equations, sequences and series, and power series and their applications.

*Prerequisite: MTH 165*

## **MTH 210 ELEMENTARY STATISTICS (3 CREDITS)**

Elementary Statistics is an introduction to statistical methods of gathering, presenting and analyzing data. Topics include probability and probability distributions, confidence intervals, hypothesis testing, and linear regression and correlation.

*Prerequisite: MTH 102*

## **MTH 265 CALCULUS III (4 CREDITS)**

Student will learn multivariable and vector calculus including partial derivatives, multiple integration and its applications, line and surface integrals, Green's Theorem, and Stoke's Theorem.

*Prerequisite: MTH 166*

## **MTH 266 DIFFERENTIAL EQUATIONS (3 CREDITS)**

Solution of elementary differential equations by elementary techniques, Laplace transforms, systems of equations, matrix methods, numerical techniques, and applications.

*Prerequisite: MTH 265*

## **MTH 277 MATH FOR ELEMENTARY TEACHERS I (3 CREDITS)**

This course is the first in a series of three courses designed to develop the necessary foundations in mathematics for prospective elementary teachers. Topics will include North Dakota Standards for teaching mathematics, sets, system of numeration, natural numbers, integers, number theory and rational numbers. Throughout the course, the five process standards recommended by the National Council of Teachers of Mathematics Principles and Standards (problem solving, reasoning, communication, connections, and representation) will be emphasized.

## **MTH 342 ENVIRONMENTAL RESEARCH STATISTICS (3 CREDITS)**

This course is an overview of statistical techniques used to analyze environmental science research data. The focus is on confidence intervals, t-tests, ANOVA, regression analysis, nonparametric tests, and design of experiments.

*Prerequisite: MTH 210*

## **MTH 377 MATH FOR ELEMENTARY TEACHERS II (3 CREDITS)**

This course is the second in a series of three courses designed to develop the necessary foundations in mathematics for prospective elementary teachers. Topics will include North Dakota Standards for teaching mathematics, properties of geometric shapes, measurement, triangle congruence and similarity, geometric constructions, Cartesian coordinates, symmetry, and selected topics from probability and statistics. Throughout the course, the five process standards recommended by the National Council of Teachers of Mathematics Principles and Standards (problem solving, reasoning, communication, connections, and representation) will be emphasized.

*Prerequisite: MTH 277*

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# COURSE DESCRIPTIONS

## P

### **PAR 201 INTRODUCTION TO PARALEGAL STUDIES (3 CREDITS)**

This course is an introduction to the paralegal career including ethical and professional standards. Students will receive an overview of the American legal system, substantive areas of practice, legal analysis and investigation, and law office business practices.

### **PAR 206 CONTRACTS (3 CREDITS)**

This course provides an introduction to sources of law affecting the formation, enforceability, and interpretation of contracts. Students will explore necessary elements of a contract, the basic doctrines of contract law, and practical approaches to drafting a contract.

### **PAR 207 WILLS, TRUSTS AND PROBATE ADMINISTRATION (3 CREDITS)**

This course explores the paralegal's role in estate planning, creating enforceable wills and trusts. Students will study resulting and constructive trusts and probate.

### **PAR 208 FAMILY LAW (3 CREDITS)**

This course emphasizes law as it relates to marriage, husbands and wives, reconciliation, parents and children, minors, termination of marriage (dissolution), parenting plans, custody arrangements and modifications, Indian Child Welfare Act (ICWA), child support guidelines, and post dissolution issues. Students will learn the paralegal's role in the preparation of standard family law documents.

### **PAR 209 TORTS (3 CREDITS)**

This course offers a detailed exploration of Tort law principles, providing students with the foundation necessary to assist attorneys in the field of Tort law. Torts which are civil - non-criminal - wrongs including Intentional Torts, Negligence, Products Liability, and Strict Liability that results in harm or loss to private individuals. Students will delve into various types of Torts, elements required to establish liability, and remedies available to injured parties.

### **PAR 210 REAL PROPERTY (3 CREDITS)**

This course covers all major areas of real property law, including the nature of real property, types of ownership, real estate contracts, title and insurance, financing, landlord and tenant, land use, environmental law, regulation and boundary law.

### **PAR 211 LEGAL RESEARCH & WRITING (3 CREDITS)**

This course introduces legal research, writing, and analysis. Students will learn to identify, use, and analyze primary and secondary legal authorities to solve legal problems and how to structure and draft legal memoranda and briefs.

### **PAR 260 LEGAL ETHICS (3 CREDITS)**

This course introduces ethics for the paralegal. Topics include but are not limited to confidentiality, paralegal-attorney relationship, fee arrangements, Code of Professional Conduct, attorney-client privilege, fiduciary responsibilities, and public service.

### **PAR 266 CIVIL LITIGATION (3 CREDITS)**

This course introduces rules governing civil litigation involving the general nature of how lawsuits arise. This includes client interviews, data gathering, pleading, and practice from the filing of lawsuit to preparation for trial, and core considerations of ethics and professionalism.

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# COURSE DESCRIPTIONS

## **PHI 100 CRITICAL THINKING (3 CREDITS)**

Critical thinking is the practice of effective thinking, both logical and evaluative. It is the process by which we develop and support our beliefs, and evaluate the strength of arguments made by others in real-life situations. This course will focus on applying strategies for understanding current issues, belief systems, and ethical positions. Students will analyze media, the current political environment, and their own beliefs and moral inclinations. The primary objectives of this course are to impart a functional ability to reason well, to improve analytical skills and instincts and to employ methods of building strong arguments for reasoned decision-making.

## **PHI 210 ETHICS (3 CREDITS)**

This course is an introduction to the application of critical thinking processes through the philosophical examination of ethical dilemmas.

## **PHY 105 PHYSICAL SCIENCE BY INQUIRY (3 CREDITS)**

This course is an in-depth inquiry based exploration of basic principles of physical science and scientific methods that are often taught in elementary school. The focus will be on properties of matter, light and color, electric circuits, kinematics, and astronomy. This course is intended for non-science majors.

*Prerequisite: MTH 102 - Corequisite: LAB 105*

## **PHY 211 COLLEGE PHYSICS (4 CREDITS)**

Introductory course for students without a calculus background, and is recommended for pre-medical or pre-professional students. Topics Include Newtonian mechanics and gravitation, work & energy, solids & fluids, vibrations, waves, sounds, and heat & thermodynamics.

*Prerequisite: MTH 103*

## **PHY 251 UNIVERSITY PHYSICS I (4 CREDITS)**

This is the first course in a two semester calculus-level sequence, covering fundamental concepts of physics. Topics include Newtonian mechanics and gravitation, work and energy, the mechanics of solids and fluids, heat and thermodynamics.

*Prerequisite: MTH 165*

## **PHY 252 UNIVERSITY PHYSICS II (4 CREDITS)**

This course is the second course in a two-semester calculus-level sequence, covering fundamental concepts of physics. Topics include vibrations and waves, electricity and magnetism, light and optics, and an introduction to modern physics.

*Prerequisite: MTH 166*

## **POL 115 AMERICAN GOVERNMENT (3 CREDITS)**

This course examines mainstream American politics and government as they relate to Native American tribal governments. The class is designed to evaluate the political system, and the international perspective of the ways globalization is changing politics.

## **PSY 111 INTRODUCTION TO PSYCHOLOGY (3 CREDITS)**

A survey of the scientific study of behavior and mental processes. This course is a comprehensive study of the basic concepts of psychology, history of psychological thought, and an overview of psychological theories with emphasis on practical information for healthy living skills.



### **PSY 230 EDUCATIONAL PSYCHOLOGY (3 CREDITS)**

This course will present current scientific theory and research related to formal learning environments. Individual differences in cognitive, social, and emotional development, and the implications for the teaching/learning process will be explored. These general areas will be addressed through more specific topics including growth and development, learning theories, moral development, motivation, and classroom management. In addition, issues related to teaching in a diverse society will be addressed.

*Prerequisite: PSY 111*

### **PSY 250 DEVELOPMENTAL PSYCHOLOGY (3 CREDITS)**

A survey of the psychology of human life span development.

*Prerequisite: PSY 111*

### **PSY 270 ABNORMAL PSYCHOLOGY (3 CREDITS)**

This course is a survey of the classification, symptoms, and etiology of psychological disorders.

## **R**

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### **RES 393 SENIOR RESEARCH I (3 CREDITS)**

The first course of the research series introduces students to the process of developing a research question and provides the scientific background for the research project through an extensive review of published literature.

### **RES 394 SENIOR RESEARCH II (3 CREDITS)**

In the second course of the research series, students will design scientific methods for gathering data to address a research question. Students will focus on developing a(n) introduction with justification, define methods for sampling, and propose a data management plan. Students will explore statistical tests used to create inferences on their data.

*Prerequisite: RES 393*

### **RES 395 SENIOR RESEARCH III (3 CREDITS)**

The third course of the research series focuses on data collection, management, analysis and visualization.

*Prerequisite: RES 394*

### **RES 493 SENIOR RESEARCH CAPSTONE (2 CREDITS)**

The fourth course of the research series focuses on the compilation of introductions, methods, results, and conclusions in written and oral presentation forms.

*Prerequisite: RES 395*

## **S**

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### **SCI 201 EARTH SCIENCE (3 CREDITS)**

This course is an introduction to the Earth Sciences; geology, meteorology, oceanography, and astronomy.

*Corequisite: LAB 201 - Prerequisite: MTH 101 (or equivalent)*

### **SOC 110 INTRODUCTION TO SOCIOLOGY (3 CREDITS)**

The course encompasses an introductory analysis of society, the interrelationship of its component groups, and the process whereby society persists and changes.

### **SOI 210 INTRODUCTION TO SOIL SCIENCE (3 CREDITS)**

This course is an introduction to the fundamentals of soil science, including the properties of soil, soil origins and development, soil nutrient cycles, erosion and sediment control, and soil taxonomy. Hands-on learning is emphasized through a combination of lecture, field, and lab activity.

*Prerequisite: MTH 102 (or equivalent)*

### **SOC 241 CONTEMPORARY ISSUES OF INDIGENOUS PEOPLES (3 CREDITS)**

The purpose of this course is to explore contemporary issues facing Indigenous peoples through social activism, cultural revitalization movements, literature, media, as well as perspectives, experiences, and resilience of Indigenous peoples and communities.

### **SOC 275 NATIVE AMERICAN STUDIES (3 CREDITS)**

This course introduces students to areas of study within the broad interdisciplinary field of Native American Studies. Subject matter includes a survey of tribal nations, cultures, and histories, in addition to pertinent issues affecting Native people, including tribal sovereignty, economic and environmental concerns, religious freedom, activist movements, and repatriation.

### **SWK 255 SOCIAL WORK IN MODERN SOCIETY (4 CREDITS)**

This course is designed to provide an introduction to the profession of social work. Course content includes the history and development of the profession; the assumptions which underlie social work goals, functions, and methods; the professional values guiding practice; and description of practice methods. The course also offers the student opportunities to learn about social roles and practice settings. 15 hours of volunteer experience is required of this course.

### **SWK 256 DEVELOPMENT OF SOCIAL WELFARE (3 CREDITS)**

This course covers the history, value, political and economic conditions which influence the development and provision of social welfare services. Information about inequality, and the major social welfare programs that benefit the disadvantaged, is included. A basic analytic model will be presented to evaluate social welfare policies.

### **SWK 257 HUMAN BEHAVIOR AND SOCIAL ENVIRONMENT I (3 CREDITS)**

This course examines the bio-psycho-social aspects of human development across the life span. Students will learn and understand the influence of sex, religion, spirituality, socio-cultural contexts, personal and familial values, race, ethnicity, privilege, sexual orientation, class, religion, gender, nationality and immigration can influence human behavior and development. Students will understand how to apply knowledge of human behavior and the social environment, person-in-environment, and other multidisciplinary theoretical frameworks as it pertains to the social worker's ability to critically analyze and conceptualize human growth and development and use as a guide to the generalist practice approach when working with individuals and families. This course supports social work practice competencies with emphasis on assessment and intervention skills and evidence-based practice.

*Prerequisite: PSY 111, SOC 110, BIO 111/Lab 111*

## **T**

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### **TES 199 INTRODUCTION TO SCIENTIFIC LITERATURE (1 CREDIT)**

This course covers the foundational format of communicating scientific information. The focus is on practical experience writing and evaluating published primary literature.

### **TES 222 ENVIRONMENTAL LAW AND CONSERVATION PROGRAMS (3 CREDITS)**

This course examines the primary pieces of legislation that affect the environment and wildlife populations. A focus is on conservation programs and incentive programs for landowners. A survey of landownership and public lands is included.

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### **TES 410 ENVIRONMENTAL REGULATIONS (3 CREDITS)**

This course provides experience applying federal laws and regulations to environmental issues and compliance with a focus on NEPA and Environmental Assessments.

## **W**

### **WLD 135 BASIC METALLURGY (2 CREDITS)**

This course is a study of the common metals, alloys and welding arc. Topics covered include history of welding, types of metals, advancement of related technology, and the importance of welding theory in today's workforce.

### **WLD 150 INTRODUCTION TO WELDING (2 CREDITS)**

An introduction to the fundamentals of equipment used in oxy/acetylene and arc welding, including welding and cutting safety, basic oxy/acetylene welding and cutting, basic arc welding processes and basic metallurgy.

### **WLD 151 WELDING THEORY I (3 CREDITS)**

This course introduces the processes of Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and Oxy-Fuel Cutting (OFC). Emphasis is placed on the use of proper personal protective equipment and safe welding practices in the shop. Welding and cutting equipment, selection of welding supplies and metals used in industry are introduced.

### **WLD 152 WELDING THEORY II (3 CREDITS)**

This course covers the theory of the physical and mechanical properties of metals as related to each process of welding. Mathematical skills and competencies will be used to solve applied problems as they relate to oxy-fuel applications. Students will identify the types and uses of fuel gases for welding, brazing and cutting applications, issues with welding ferrous and non-ferrous metals, and select proper filler materials for welding various alloys.

### **WLD 153 WELDING LAB I (5 CREDITS)**

This course covers laboratory safety and the use of Personal Protection Equipment (PPE), with a strong emphasis on the safe handling of welding and cutting equipment and maintenance. Students apply basic skills and the techniques used in Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and Oxy-Fuel Cutting (OFC) on various thicknesses of metal.

### **WLD 154 WELDING LAB II (5 CREDITS)**

This course assists students in skilled welding on plate steel using all positions and processes including Shield Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW), Flux-Core Arc Welding (FCAW) and Carbon Arc Cutting-Air (CAC-A). Students will practice and weld plates in accordance with The American Welding Society (AWS) certification guidelines.

### **WLD 155 BLUEPRINT SYMBOLS FOR WELDING (3 CREDITS)**

Welding symbols are considered an integral part of blueprint reading for the welder. Topics include: welding symbols and abbreviations and basic joints for weldment fabrications. Actual prints from industry are used during this course.

### **WLD 165 BLUEPRINT READING FOR WELDERS (3 CREDITS)**

This course covers blueprint reading including finding size, location dimensions, symbols, notes and related information shown on the blueprint. This course covers how to interpret, draw, and diagram flows and direction in Piping and Instrumentation Diagrams (P&IDs).

# 2024-2025 Campus Services



- ✓ Community Wellness Center
- ✓ Housing
- ✓ Safety & Security

**OFFICE HOURS:**  
8:00 am to 6:00 pm  
Jack Barden Center

(701) 221-1850  
Toll Free: 888-643-8882

*Leadership  
Begins  
Here*

# Community Wellness Center

The Lewis Goodhouse Wellness Center houses UTTC's community wellness services. UTTC has made a major commitment to the health and wellness of our students, staff and visitors within the campus community. United Tribes Technical College promotes a safe environment to experience diverse cultures, sample the mainstream, and focus on building your future in a good way on your path of life long learning.



## Athletic Department

United Tribes Technical College (UTTC) proudly hosts the Thunderbird Athletic Program, dedicated to providing student-athletes the chance to compete at the intercollegiate level under the National Junior College Athletic Association (NJCAA) guidelines. Since its inception in 1985, the Thunderbirds have established themselves in NJCAA Division II, particularly in Men's and Women's Basketball, competing fiercely within Region XIII and the Mon-Dak Athletic Conference. The program attracts student-athletes from across the U.S. and around the globe, aiming to showcase the talents of Native American athletes. Notably, the men's basketball team has a rich history, marked by three national tournament appearances in the late 1990s and early 2000s, and they recently returned to the National Tournament in the 2023-2024 season. The women's team

has also has a distinguished legacy, with appearances in the National Tournament during the 2015-2016, 2019-2020, and 2022-2023 seasons. UTTC is committed to nurturing student-athletes academically and athletically, ensuring a bright future for Thunderbird Athletics. For more information about joining the program, interested individuals can visit the Athletic Department at the James Henry Community Building or contact the Athletic Director at 701-221-1362..

## Child Development Centers

The two centers on campus are licensed to care for 132 children ages birth to six years. All children must have up-to-date immunizations. The centers meet the licensing standards of North Dakota and are reviewed annually. The center staff believe that each child who enters must have every opportunity to grow and develop physically, cognitively, socially and emotionally in a culturally-rich environment. Daily activities are planned to provide experiences in art, music, muscle development, cognitive development and socialization appropriate to individual age and development.

The two centers are located on Fort Berthold Ave. Please contact either 701-221-1393 or 701-221-1754 for child care. The hours of operation are 7:30 am - 5:30 pm Monday - Friday.

## Wellness Counseling

The Wellness Counseling (WC) staff is committed to providing support services to enhance lifelong learning, personal growth and academic success to UTTC students. Staff offers a variety of services to include: academic guidance and support, assistance in the transition to college life (individual, family, group counseling and vocational guidance), referral services, intervention services and campus educational programs. A holistic approach is utilized to promote the overall well-being of all UTTC students. The Wellness Counseling office hours are Monday through Friday, 8:00 am to 5:00 pm to include noon-hour coverage. After-hours emergency on-call services are available by contacting the UTTC Security Office.

## Chemical Health Center

The Chemical Health Center (CHC) provides alcohol and drug education/prevention services, adult outpatient substance abuse services, adult intensive outpatient substance abuse treatment,

aftercare counseling, treatment referrals and other referrals as requested. Support group meetings such as Alcoholics Anonymous are held. The CHC holds alcohol/drug free activities, a video library, and provides ongoing services for students. The CHC office hours are Monday through Friday, 8:00 am to 5:00 pm and include noon-hour coverage. After-hours emergency on-call services are available by contacting the UTTC Security Office.

### **Domestic Violence Advocate**

The primary focus of the Domestic Violence Advocate is to provide culturally appropriate services and protection to the victim(s) of: domestic violence, dating violence, sexual assault and stalking. The advocate partners with Bismarck/Mandan service providers to support UTTC students and is an active member of the community response team. The Domestic Violence Advocate promotes a safe and secure environment for all UTTC students, their families and staff. Office hours are Monday through Friday, 8:00 am to 5:00 pm with on-call coverage. After-hours emergency on-call services are available by contacting the UTTC Security Office.

### **Health Promotion Center**

The Health Promotion Center's (HPC) vision: a safe and healthy campus for all community members, with the goals of providing a safe, comfortable environment conducive to the educational, social, and overall developmental growth of each student. Our staff team is dedicated to the promotion of holistic health, academic excellence, civility and personal responsibility for those in our campus community who use our HPC and wellness facilities.

The focus in student life encompasses a wellness approach through the offering of many student activities such as traditional double ball, hand games, archery, horse shoes, intramural football, basketball, lacrosse, and coed volleyball. Also provided are family-oriented activities such as movie night, fishing, beading class, swimming, and other activity options. The HPC takes great pride in providing quality services to UTTC students and is committed to making positive connections throughout the college campus for students, faculty and staff. HPC hours vary from 8:00 am - 9:00 pm, Monday - Friday. Saturday and Sunday hours are 9 am - 6 pm during the academic year.

### **Student Health Center**

The Student Health Center (SHC) provides comprehensive medical care to Native American students and/or their dependents. Students are referred to medical facilities within the Bismarck/ Mandan communities or to the nearest Indian Health Services, located at Fort Yates Public Health Service, Fort Yates, ND. The SHC office hours are Monday through Friday, 8:00 am to 5:00 pm to include noon-hour coverage. After-hours emergency on-call services are available by contacting the UTTC Security Office. For more information about Student Health Center services, please contact the center at (701) 221-1331.



### **Disabilities Support Services**

The Wellness Counseling staff works with any student that has a disability to arrange appropriate and reasonable accommodations for their classes. One of our main goals is to encourage self-advocacy for students with disabilities. We also work with students who may have not yet been diagnosed and are in need of support, resources or a referral.

UTTC provides equal access and opportunity for all academic programs and campus activities for students with disabilities. We will work with students to coordinate services with other campus resources, offer guidance and support to students, and provide services in a confidential and culturally appropriate manner.

Students wishing to be considered for accommodations that are offered at UTTC, must complete an intake form, provide documentation of disability, and maintain contact with a designated Wellness Counselor during the academic semester term. Students will also have to work with their counselor to update the student's accommodations each semester as their class schedule changes.



CAMPUS SERVICES

Check for catalog updates at [www.uttc.edu](http://www.uttc.edu)

Campus Services follows rules outlined in Sections 503 and 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990 (ADA), the ADA Amendments Act of 2008, and other applicable federal and state regulations that prohibit discrimination on the basis of disability.

Services for disability support are located in UTTC's Wellness Center (Building 69). A counselor is available Monday - Friday 8 am - 5 pm. Students can call to schedule an appointment at 701-221-1456.

### Cafeteria

The cafeteria serves three (3) meals a day Monday through Friday and two brunch style meals on weekends and holidays during the academic school year. Meals are provided for students in the dormitory as part of their housing contract. The general public, single parents, married students and staff are also welcome to eat in the cafeteria but will pay for their meals through cash, debit card, checks or with meal tickets that can purchase at the Finance Office in the Administration Building. Meals and preparation are done by the staff of the cafeteria to provide a wide array of healthy food options for the patrons to enjoy. The cafeteria is managed by Aladdin, a third party management company located in Roseville, MN.

### Cozy Creek

Cozy Creek is located in the James Henry Gymnasium. Offering a variety of menu items from sandwiches and burgers to salads and soups, as well as hot/cold coffee beverages, smoothies, and various sodas. Available for dine in or take out. We accept student meal plans, flex dollars, credit, debit, and cash.

Hours: 8:30 a.m. – 8:00 p.m. weekdays (subject to change.)

Closing early on game days at 3pm to allow for concession setup.

### Housing

The UTTC Housing Department encourages students to develop independence and responsibility by creating a "home away from home" environment for enrolled UTTC students residing in residential hall dormitories or family housing.

Currently, the College has three residential halls: Sakakawea, Sitting Bull, and Itan'can Hall. Residential hall dormitories are staffed 24/7 during the academic year with personnel who offer opportunities that nurture positive

social interactions, guide educational development, and health living guided by housing procedures and policies.

UTTC offers convenient and comfortable housing to enrolled students with families. The safe campus environment provides students and families a context that supports wellness, academic excellence, self-sufficiency and a sense of community.

Student safety and security is enhanced by campus Security Officers and Housing personnel.

After hours, emergency on-call services are available by contacting the UTTC Security Office at (701) 221-1700 or 911.



### Mail Room

UTTC provides mail services for students and staff. The Mail Room is open from Monday-Friday 9am-4pm and we are closed on Saturday & Sundays. Mail is received and processed throughout the day; mail is brought to the Bismarck Post Office at 4:30 p.m. daily. Postal stamps and envelopes can be purchased at the mail room. Federal Express and delivery services are available. UPS delivery services are designated through the campus Property and Supply Department.

## Safety and Security

The Safety & Security Department provides 24 hour security and patrol services. Security Officers enforce traffic and parking regulations in compliance with the Safety & Security Policy. Security Officers promote crime prevention, and secures the College's

buildings and family housing areas. Burleigh County Sheriff's Department also provides vehicle patrols on campus and responds to emergency calls for assistance.

The Safety & Security offices are open Monday to Friday, from 8 aam to 5 pm and can be reached at (701) 221-1700. To contact a Security Officer after hours, call the same number (701) 221-1700 to reach the Security Officer on Duty. Security services are provided 24 hours every day of the week.



## Parking on Campus

Students are required to register their vehicles and receive a free parking permit at the Safety & Security Department located in building 61, on Ft. Berthold Avenue on campus. Students who reside on campus in the dorms are eligible for one parking permit, students who reside on campus in Family Housing are eligible for two parking permits, and students who live on campus are eligible up to three parking permits. Parking permits are required every year during the fall semester.

## Emergency Notification (Thunder Alerts)

Sign-Up for Thunder Alerts by going to the UTTC Webpage at [www.uttc.edu](http://www.uttc.edu) and clicking the THUNDER ALERTS icon.

Thunder Alerts are emergency notifications that are sent out in the event of an emergency or crime alert. The emergency notification service (THUNDER ALERTS) is free and easy to sign up.

## Reporting Crimes and Other Emergencies

It is critical, that you report all crimes and other emergencies to 911.

Students, faculty, staff, and guests are encouraged to report all emergencies and crimes to 911 and the Safety & Security Department at (701) 221-1700 in a timely manner.

## Reporting to other Campus Security Authorities

While UTTC prefers that you report to 911 or the Safety & Security Department at (701) 221-1700, we also recognize that some may prefer to report to other individuals or college offices. The Clery Act recognizes certain College officials and offices as Campus Security Authorities (CSA). These individuals are "officials" of an institution who have significant responsibility for student and campus activities. An official is defined as any person who has the authority and the duty to take action or respond to particular issues on behalf of the institution. CSA's are required to report all crimes to the UTTC Safety & Security Director as soon as reasonably possible. While UTTC has identified a number of CSA's, we officially designate the following departments as places where students can report crimes:

- UTTC Safety & Security Department, Building 61, Ft. Berthold Avenue, on campus (701) 221-1700
- Wellness Department, Wellness Center, (701) 221-1764 or (701) 221-1707
- Campus Services (Vice President of Campus Services), Building 69, (701) 221-1708
- Housing Department, on campus, (701) 221-1513







### Jeanne Clery Disclosure of Campus Security Policy & Crime Statistics Act

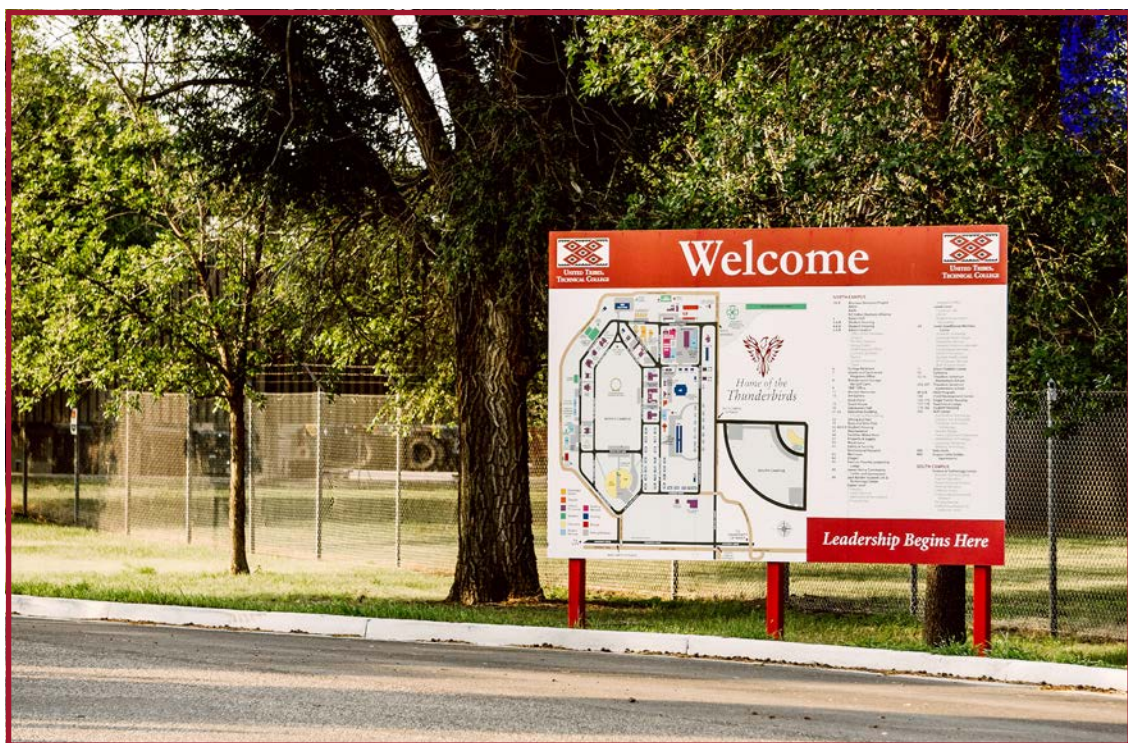
The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act is the landmark federal law, originally known as the Campus Security Act that requires colleges and universities across the United States to disclose information about crime on and around their campuses. Because the law is tied to participation in federal student financial aid programs it applies to most institutions of higher education both public and private.

It is enforced by the U.S. Department of Education. The Clery Act is named in memory of 19-year-old Lehigh University freshman Jeanne Ann Clery who was raped and murdered while asleep in her residence hall room on April 5, 1986.

Jeanne's parents, Connie and Howard, discovered that students hadn't been told about 38 violent crimes on the Lehigh campus in the three years before her murder. They joined with other campus crime victims and persuaded Congress to enact this law, which was originally known as the "Crime Awareness and Campus Security Act of 1990."

The law was amended in 1992 to add a requirement that schools afford the victims of campus sexual assault certain basic rights, and was amended again in 1998 to expand the reporting requirements. The 1998 amendments also formally named the law in memory of Jeanne Clery. The law was most recently amended in 2000 to require schools beginning in 2003 to notify the campus community about where public "Megan's Law" information about registered sex offenders on campus could be obtained.

The UTTC Annual Security and Fire Report can be found on the UTTC Webpage at [www.uttc.edu](http://www.uttc.edu) and is available at the UTTC Safety & Security Department, located in Building 61, on Ft. Berthold Avenue.



# Campus Map 2024-25



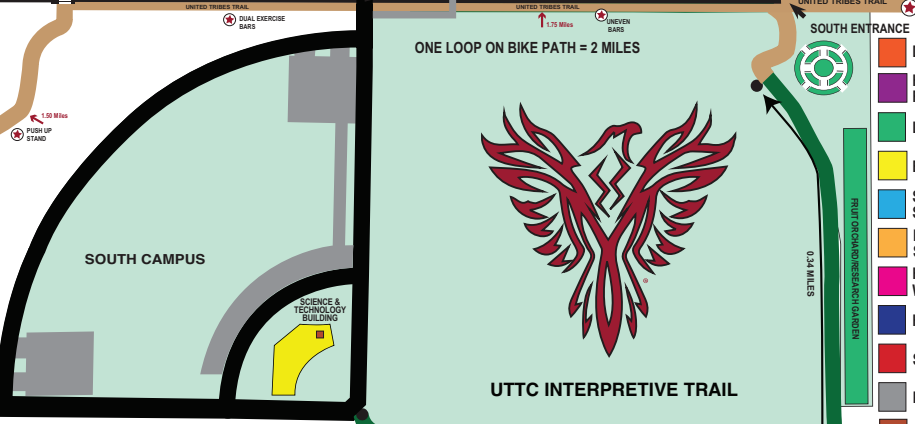
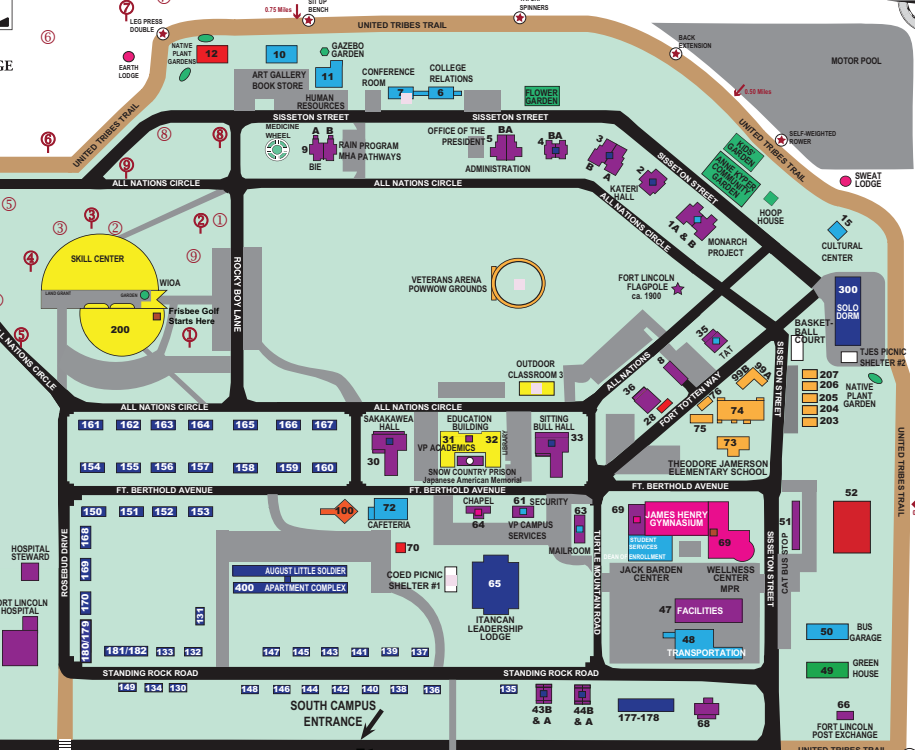
UNITED TRIBES  
TECHNICAL COLLEGE



TO CITY  
MAIN CAMPUS ENTRANCE

SOUTH CAMPUS ENTRANCE  
TO UNIVERSITY OF MARY

**UNITED TRIBES TRAIL**  
A multi-use bike path/walking trail welcomes visitors. The trail loops 2 miles around the campus perimeter. Access via loop and tunnel under University Drive and at stone arch of campus main entrance.



## NORTH CAMPUS

- 1 A/B Monarch Project
- 2 Kateri Hall
- 3 A/B Student Housing
- 4 A/B Student Housing
- 5 A/B Administration
  - Office of the President
  - Finance
  - Notary Public
  - Chief Financial Officer
  - Student Accounts
  - Travel
- 6 College Relations
- 7 Conference Room
- 8 Maintenance Storage for Golf Carts
- 9 BIE
  - Rain Program/MHA Pathways
- 11 Human Resources
  - Payroll
- 10 Art Gallery
- 15 Book Store
- 30 Cultural Center
- 31-32 Sakakawea Hall
  - Education Building
  - VP of Academics
  - Elementary Education
  - Health, PE & Recreation
  - General Education
  - General Studies
  - Library
  - Archive Room
  - Institutional Research
  - Snow Country Prison
  - Japanese American Memorial
  - Outdoor Classrooms

- 33 Sitting Bull Hall
- 35 Boys and Girls Club
- 43-44 A/B Student Housing
- 47 Facilities
- 48 Transportation
- 49 Green House
- 51 Property & Supply
- 52 Warehouse
- 61 VP of Campus Services
- Safety & Security
- 63 Mailroom
- 64 Chapel
- 65 Itan'can Oyanké Leadership Lodge
- 69 James Henry Community Center and Gymnasium
- 69 Jack Barden Student Life & Technology Center
  - Upper Level
  - Dean of Enrollment
  - Housing
  - Career Services
  - Admissions & Recruitment
  - Student Union
  - Financial Aid
  - Registrar's Office
  - Lower Level
  - Computer Lab
  - CARE Center
- 69 Lewis Goodhouse Wellness Center
  - Personal Counseling
  - Chemical Health Center
  - Disabilities Services
  - Domestic Violence Advocate
  - Psychological Services
  - Health Promotions
  - Student Health Center

- 72 Cafeteria
- 73-76 Theodore Jamerson Elementary School
- 80 Bus Garage
- 203-207 Theodore Jamerson Elementary School
- 99 A/B FACE Program
- 100 Infant/Toddler Center
- 130-170 Child Development Center
- 177-178 Single Family Housing
- 179-182 Touchstone Lodge
- Student Housing
- Multi Purpose Room
- Healing Room
- Student Services

- 300 Solo Dorm
- 400 August Little Soldier Apts.

## SOUTH CAMPUS

- 1000 Science & Technology Center
  - Dean of Instruction
  - Business Administration
  - Computer Information Systems
  - Criminal Justice
  - Environmental Science & Research
  - Environmental Engineering
  - Fisheries and Wildlife Biology
  - Social Work
  - Pre-Engineering
  - Paralegal
  - Institutional Research & Resource Center

- Daycare
- Historic Ft. Lincoln
- Land Grants
- Education
- Student Services
- Elementary School
- Health & Wellness
- Housing
- Storage
- Parking/Walkway
- Breast Feeding Spaces
- Campus Meeting Rooms

- Skill Center**
- Automotive Technology
  - Commercial Vehicle Operations
  - Heavy Equipment Operations
  - Information Technology
  - Indigenous Leadership
  - Land Grant
  - Sustainable Ag & Food Systems
  - Welding Technology
  - WIOA
  - College Relations Production
  - Skills Center Commons Area
  - Skills Center 5 Tribes Kitchen