

## Technical Studies

### ► Contact Information

Academic Counselor  
NDSCS-Wahpeton  
701-671-2257

Academic Counselor  
NDSCS-Fargo  
701-231-6940

### ► Delivery Methods

Face-to-Face: Wahpeton  
Face-to-Face: Fargo  
Online: Some classes  
Combination

This custom-designed program allows individuals to combine elements of various disciplines in a meaningful and logical sequence that meets their career goals. The Technical Studies program addresses a recognized need for business and industry to attract highly trained workers with a variety of skills and to retain current workers. Individuals may pursue this program of study for career advancement or increase in job responsibility or salary. Students work with an advisor to identify career goals and plan a program of study.

For example, a Technical Studies program may be appropriate if a student wanted to combine certain elements of a Business Management curriculum with parts of an Information and Communications Technology program. Another illustration of a Technical Studies program might include a program of study that consists of parts of Electrical Technology, HVAC/R Technology and Plumbing.

Green technology could be a large part of a student's customized program. In today's market that includes "smart" buildings, sustainable building materials, alternative fuels and changing technology, students may choose to customize plans that help them gain entry into a variety of new and emerging fields.

Students enrolled in this program may earn Credit for Prior Learning for previous occupational experience.

Students may choose to build a program that will allow them to earn a certificate, a diploma, or an associate degree. The objective of the individual, the occupational experience, and the needs of the work place will be considered in selecting courses.

For more information, contact the academic counselor at 1-800-342-4325, ext. 3-2257 or NDSCS-Fargo at 701-231-6901, ext. 1-6940.

### Admission Requirements\*

The applicants must be high school graduates or equivalent. Students considered for acceptance must complete all admission requirements.

**Please Note:** Students are placed into English, math and reading courses based on ACT, ACCUPLACER or other nationally recognized tests. Please see [www.ndscs.edu/current-students/student-success/test-center](http://www.ndscs.edu/current-students/student-success/test-center) for the NDSCS Course Placement Policy and testing information. Students may be on an extended plan of study pending their course placement.

*\*Program Admission Requirements are subject to revision. Please check the department or program website under Program Admission Requirements for current information.*

### Award

Upon successful completion of the required courses, students will be awarded a certificate, diploma or an Associate in Applied Science degree in Technical Studies.

Course Code	Course Title	Credits
<b>Certificate</b>		
Technical credits*		19
General Education Electives in at least two disciplines		5
FYE 101	Science of Success	1
<b>Diploma</b>		
Technical credits*		38
English/Communication Elective		3
Mathematics and/or Science Elective		3
Social and Behavioral Sciences, Humanities, History and/or Computer Electives		4
Recommended:		
• CIS 101 – Computer Literacy – 2 cr		
• PSYC 100 – Human Relations in Organizations – 2 cr		
General Education Elective		1
Wellness Elective		1
FYE 101	Science of Success	1
<b>Associate in Applied Science</b>		
Technical credits*		46
ENGL 110	College Composition I	3
English/Communication Elective (choose one)		3
ENGL 105	Technical Communications	
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
COMM 110	Fundamentals of Public Speaking	
Mathematics and/or Science Electives		3
Social and Behavioral Sciences, Humanities, History and/or Computer Electives		4
Recommended:		
• CIS 101 – Computer Literacy – 2 cr		
• PSYC 100 – Human Relations in Organizations – 2 cr		
General Education Electives		3
Wellness Electives		2
FYE 101	Science of Success	1
<b>Total Required Credits for Certificate</b>		<b>25</b>
<b>Total Required Credits for Diploma</b>		<b>51</b>
<b>Total Required Credits for Associate in Applied Science</b>		<b>65</b>

\* Technical credits may be earned by a combination of college courses and/or Work-Based Learning Experiences.

Work-Based Learning Experience (internship, affiliation, directed practice, cooperative education, practicum or supervised occupational experience) is a structured experience, which allows the student to learn on the job while under the direction and supervision of the designated college department. Usually earned after matriculation in a custom-designed program.

Credit for Prior Learning refers to learning that occurs before a student enrolls at NDSCS and may be applied to technical courses or work-based learning credits in the Technical Studies curriculum. It may be academic credit awarded for learning that does not occur in the classroom. The award of this type of credit must be based on college-level learning, not simply experiences or time elapsed. A key consideration in awarding Credit for Prior Learning in this form of learning must be described, demonstrated and documented before it can be awarded.