

TECHNICAL STUDIES, ASSOCIATE IN APPLIED SCIENCE (TSTU)

Effective: Fall 2016

The Technical Studies degree program is designed to provide recognition for work and life experience while assisting individuals in their preparation for career advancement or change. This program is designed to provide skills for personal, professional and community improvement. The program is highly individualized and flexible. As many as 20 credits may be awarded for work and life experience including military experience, trade/proprietary school preparation, apprenticeship programs, structured on-the-job training and the like. Graduates will be awarded the associate in applied science degree upon successful completion of this program. Technical Studies has been designed as a first-degree program and therefore cannot be pursued as a second degree at DCCC.

Program Outcomes

Upon successful completion of this program, students should be able to:

- Develop a plan designed to accomplish a personal/ professional goal.
- Demonstrate increased technical knowledge and skills.
- Demonstrate the mathematical skills necessary for personal and career growth.
- Apply scientific principles and concepts to problem-solving.
- Communicate in an effective, professional manner both verbally and in writing.

Curriculum

First Semester		Hours
ENG 100	English Composition I	3
MAT 128	Algebra	4
CHE 101	Introduction to General Chemistry	4
TEC 280	Technical Study Assessment	1-5
TEC 281	Technical Study Assessment	1-5
TEC 282	Technical Study Assessment ¹	1-5
TEC 283	Technical Study Assessment ¹	1-5
Hours		15-31
Second Semester		
TCC 111	Technical Communications	3
COMM 100 or COMM 111	Interpersonal Communication or Public Speaking	3
Select one of the following:		3-4
MAT 120	Modern College Mathematics	
MAT 121	Introduction to Probability and Statistics	
MAT 135	Business Precalculus	
MAT 151	College Algebra	
Hours		9-10
Third Semester		
ENG 112	English Composition II: Writing About Literature	3
Select one of the following:		3
HIS 110	American History I	
HIS 120	American History II	
HIS 150	World Civilizations I	
HIS 160	World Civilizations II	
Program Elective		3

Program Elective and/or BCSS Electives	6
Hours	15
Fourth Semester	
Program Elective and/or BCSS Elective (5-9 credits for at least 61 total program credits)	11-15
Hours	11-15
Total Hours	50-71

May take TEC 282 Technical Study Assessment and/or TEC 283 Technical Study Assessment. (5-10 credits). Students receive TEC credits based on Prior Learning Assessment

Notes

Program Electives: Choose from ARC, AUT, CPT, ELT, HVA, IST, MTT, PCT, PLB, TCC, TCS, TDD, TEL, TME, or WLD

BCSS Electives: Choose from BUS, DPR, PSY, or SOC

In consultation with a Technical Studies advisor, a student may select other approved courses to fulfill the Humanities elective.

Mathematics Elective requires consultation with a Technical Studies advisor.

In consultation with a Technical Studies advisor, a student may select other approved courses to fulfill the Social Science elective.

Personal Education Plan (PEP) Component: in consultation with a Technical Studies advisor, the student must satisfy a minimum of 20 credit hours of course work in a concentrated area of study from the Required Program Electives and/or Open Electives. The PEP is subject to Dean's approval.

Total Credits: 61-67

Career