

TECHNICAL STUDIES

ASSOCIATE IN APPLIED SCIENCE DEGREE

The A.A.S. degree in Technical Studies will provide a means for students to acquire credits based on technical training within their employing organization. Credit will be granted to individuals who have successfully completed courses in a corporate, industrial or military training program or through a certified apprenticeship training program in the building and construction trades and who are interested in pursuing an associate in applied science degree according to the following guidelines:



Collegiate-level depth/breadth of curriculum beyond entry-level requirements

- Number of lecture/lab hours of study
- Company and trainer certifications
- Prior completion of prerequisites or predetermined skill level
- Types of assessments
- Level of supervision
- Cooperative/apprenticeship experiences associated with the training

The specific objectives of this program are that the graduate should be able to:

- compete effectively in a technology based global economy;
- demonstrate the necessary skills to be more productive in his/her chosen profession and career;
- demonstrate the ability to effectively communicate and present information in a logical and systematic manner;
- display positive interaction interpersonally as a member of a technological team and/or employer representative;
- have the initiative and skills to continue to educate her/himself and remain abreast of the state-of-the-art through the review and interpretation of technical literature;
- show an awareness of community, societal and ethical responsibilities and obligations associated with being awarded a college degree.

AFTER UCC

Upon graduating the student will have increased opportunities for professional and personal advancement. This A.A.S. degree is not transferable to a four-year institution, but many of the non-technology courses may transfer.

RECOMMENDED SEQUENCE

FIRST YEAR

COURSE#	COURSE	LEC.	LAB.	CR.
FIRST SEMESTER				
ENG 101	English Comp I	3	1	3
MAT 119	Algebra*	3		3
Elective	Social Science	3		3
Up to 8 Technical Studies credits may be awarded				8
				17

SECOND SEMESTER				
ENG 122	Technical Writing	3	1	3
CSC 115	Intro to Programming	2	2	3
Elective	Technical	3	3	4
Up to 8 Technical Studies credits may be awarded				8
				18

THIRD SEMESTER				
ENG 128	Dynamics of Communication OR			
ENG 129	Public Speaking	3		3
PHY 125	Elements of Physics	3		3
PHYL 125	Elements of Physics Lab		2	1
Elective	Technical	3	3	4
Up to 5 Technical Studies credits may be awarded				5
				16

FOURTH SEMESTER				
Elective	Humanities	3		3
Elective	Technical	3	3	4
Elective	Any course			3
Up to 4 Technical Studies credits may be awarded				4
				14

* Higher course may be indicated by math placement test

Students will meet with an advisor to select an area of concentration from among all of UCC's technically-oriented A.A.S. degree programs.

A faculty advisor for the selected concentration area will develop with each student a plan of study to include at least 10 credits from the concentration area.

Between 3 and 25 credits may be earned as block credits for corporate, industrial, or military training programs after review by faculty of a related program and/or the appropriate program coordinator. These credits will be posted to a student's UCC transcript on a matching basis as students earn credits for courses taken at UCC.

Upon consultation with the faculty advisor, additional technical electives may be selected from the following areas: ARC, AST, BIO, CHE, CIT, CSC, EET, GEY, MAT, and PHY, if required.