Architectural Technology (ARC)

The Associate in Applied Science (A.A.S) degree is awarded upon completion of the requirements for this program.

Upon successful completion of the ARC program, graduates can be expected to have knowledge in the following areas of study.

- Communications–Student will be able to graphically, orally and in writing present architectural ideas.
- Technology – Student will have an understanding of structures, material and methods and environmental systems.
- Practice–Student will be able to move from architectural programming and predesign activities through design and construction documentation and will have an understanding of the activities, organization and ethics of the profession.
- History/Theory – Student will have awareness about precedent, ideas, culture and history of architecture.
- Design–Student will be able to apply information from all other areas of study to solve a specific architectural problem or program.

Courses should be selected in consultation with an advisor.

First Semester

Course No.	Descriptive Title	Credit Hours
ENG 101	Composition I	3
MAT 132	Technical Mathematics II or higher	3
ARC 103	Basic Architectural Drawing	3
ARC 105	Building Materials & Construction I	3
ARC 104	Introduction to Computer Graphics	1
ARC 113	Architecture Introductory Seminar	1
ART 101, ART 102 OR ART 104	3	
TOTAL		17

Second Semester

Course No.	Descriptive Title	Credit Hours
ENG 102	Composition II	3
ARC 106	Building Materials & Construction II	3
ARC 110	Architectural Drawing	3
ARC 111	Advanced Computer Graphics	2
ARC 216	Design Theory	3
TOTAL		14

Third Semester

Course No.	Descriptive Title	Credit Hours
Any course from Appendix D	3	
ARC 202	Mechanics of Structures	2
ARC 122	Architectural Presentation	2
ARC 203	Architectural Design	3
ARC 205	Working Drawings	4
ARC 211	Environmental Systems	3
TOTAL		17

Fourth Semester

Course No.	Descriptive Title	Credit Hours
BHS 103	Social Problems in Today's World	3
ARC 240	Capstone Project	4
ARC 207	Structural Analysis	3
ARC 214	Office Practice	3
Elective (a)		3
TOTAL		16
	TOTAL CREDIT HOURS	64

a. Elective courses to be taken in Mathematics (Appendix A), Humanities (Appendix G), Social Sciences (Appendix C) or Natural Science (Appendix B). See General Education Appendices for available courses.