

Architectural Design Technology

Certificate of Achievement

This is a one and one-half year program leading to a certificate in architectural design technology. This program is designed for those already in the field, who want to hone their knowledge and skills. Also, the students that complete this certificate will have the skills, knowledge and abilities to work in the field of architecture as a draftsman, entry level plans examiner, or entry level planner.

Certificate Outcomes

Students completing the certificate will:

- Demonstrate an understanding of entry-level architecture through projects to further studies or careers in industry.
- Demonstrate entry-level drafting fundamentals as a criteria for preparedness to enter the industry.
- Synthesize course knowledge and be prepared to attain skills in office practice and management.

General Education Requirements

Communications 3 credits

Human Relations 3 credits

Recommended: CE 201

Quantitative Reasoning 3 credits

Recommended: MATH 120

Total General Education Requirements 9 Credits

Core Requirements

AAD 100	Introduction to Architectural Design	3
AAD 125	Construction Drawings and Detailing	3
AAD 180	Fundamentals of Design I.....	3
AAD 181	Fundamentals of Design I Discussion.....	3
ADT 105	Architectural Drafting I.....	5
BI 101	Introduction to Building Codes.....	3
CONS 120	Print Reading and Specification	3

Choose one of the following:

ADT 108 Architectural Landscaping I..... (3)

– or –

ADT 230 Mechanical and Electrical
Equipment for Buildings (3)

Total Core Requirements 26 Credits

Elective Requirements

Choose one of the following:

AAD 257	Plant Materials	3
ADT 168	Landscape Management I	3
ADT 218	Landscape Irrigation Design	3
ADT 256	Introduction to Land Use Planning	3
ENRG 130	Introduction to Solar Energy.....	3
SUR 161	Elementary Surveying	4

Total Elective Requirements 3-4 Credits

Total Certificate Requirements 38-39 Credits

Suggested Course Sequence

First Year	Course #	Title	Credits
1st Semester			
Core	AAD 100	Introduction to Architectural Design	3
Core	ADT 105	Architectural Drafting I	5
Core	BI 101	Introduction to Building Codes	3
Core	CONS 120	Print Reading and Specification	3
Quantitative Reasoning	MATH 120	Fundamentals of College Mathematics	3
			Total 17
2nd Semester			
Core	AAD 125	Construction Drawing and Detailing	3
Core	AAD 180	Fundamentals of Design I	3
Core	AAD 181	Fundamentals of Design I Discussion	3
Human Relations	CE 201	Workplace Readiness	3
Core	ADT 108 or	Architectural Landscaping I or	(3)
	ADT 230	Mechanical and Electrical Equipment for Buildings	(3)
Communications	ENG 107	Technical Communications I	3
			Total 18
Second Year	Course #	Title	Credits
1st Semester			
Elective		Choose from list	3-4
			Total 3-4
			Certificate Total 38-39