



Design Technology Certificate

PART TIME

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2024-25

Total Units: 37

Start Term: Fall

First Year

Semester 1 (Fall) 9 Units

CAT.	COURSE	TITLE	UNIT
Req	DESN 300	Introduction to Design Resources	3
Req	DESN 301	Introduction to Computer Aided Drafting and Design (CADD)	3
Req	DESN 320	Three Dimensional Graphics and Design	3

Semester 2 (Spring) 6 Units

CAT.	COURSE	TITLE	UNIT
Req	DESN 302	Technical Documentation with CADD	3
Req	DESN 328	Engineering Modeling and Design	3

Second Year

Semester 3 (Fall) 6 Units

CAT.	COURSE	TITLE	UNIT
Req	DESN 310	Graphic Analysis and Documentation	3
Req	DESN 325	Architectural Modeling and Design	3

Semester 4 (Spring) 8 Units

CAT.	COURSE	TITLE	UNIT
Req	DESN 331	Machine Design	2
Req	DESN 360	Commercial Engineering Design and Drafting	4
Req	DESN 361	Commercial MEP Design	2

Third Year

Semester 5 (Fall) 8 Units

CAT.	COURSE	TITLE	UNIT
Req	DESN 340	Architecture and Construction	4
Req	DESN 351	Surveying For Architectural Design	2
Req	DESN 352	Land Planning For Architectural Design	2

CAREER PATH

Career Options:

Holders of a Design Technology certificate are capable of working under a large number of job titles requiring the skills provided by this certificate, including

- CADD
- Computer Aided Drafting/Design
- Revit / BIM
- AutoCad, Inventor, Revit, Navisworks, Sketch-Up (software packages)
- Designer, Drafter, Detailer, Specialist (job descriptions)

[Link to local employment information](#)

Scheduling Notes:

- DESGN 310, 325, 340, 351, and 352 are offered in the fall.
- DESGN 328, 331, 360, and 361 are offered in the spring.

Other Notes:

- This certificate can be started in the spring as well. [See a counselor](#) to adjust the course work.

EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this program
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Published April 13, 2024