



3D Technical Director 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: 33

Start Term: Fall

First Year

Semester 1 (Fall) 10 Units

CAT.	COURSE	TITLE	UNIT
Req	ART 300	Drawing and Composition I	3
Req	ARTNM 420	Introduction to 3D Modeling	3
Req	MATH 372	College Algebra for Calculus	4

Semester 2 (Spring) 10 Units

CAT.	COURSE	TITLE	UNIT
Req	ARTNM 320	Facial Expression and Anatomy	3
RE	ARTNM 431	Short Production	3
Req	MATH 373	Trigonometry for Calculus	4

Second Year

Semester 3 (Fall) 7 Units

CAT.	COURSE	TITLE	UNIT
Req	ART 304	Figure Drawing I	3
RE	ARTNM 423	3D Texturing	3
Req	CISC 323	Linux Operating System	1

Semester 4 (Spring) 6 Units

CAT.	COURSE	TITLE	UNIT
Req	ARTNM 429	3D Rigging and Rig Building	3
Req	CISP 300	Algorithm Design/Problem Solving	3

EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this program
RE	Restricted Elective	A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list

CAREER PATH

Career Options:

This certificate prepares students for entry-level position in 3D animation industries.

- film
- game
- broadcast
- other industries such as medical, legal, engineering, web, and fine art

Advising Notes:

- This map starts with MATH 372, which has prerequisites. Please [see a counselor](#) to add in prerequisite courses, if needed.

Scheduling Notes:

- ARTNM 320 is offered in the spring.
- ARTNM 423 is offered in the fall of odd-numbered years.
- ARTNM 431 is offered in the spring of odd-numbered years.
- ARTNM 429 is offered in the spring of even-numbered years.

Other Notes:

- This roadmap is designed for students starting in the fall of odd-numbered years, but the program can be started in other semesters as well. [See a counselor](#) to adjust the coursework.