



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: 2026-27

Total Units: 30

Start Term: Fall

First Year

Semester 1 (Fall) 10 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	ART 300 Drawing and Composition I	3	
Req	ARTNM 420 Introduction to 3D Modeling	3	
RE	MATH 372 College Algebra for Calculus	4	through the placement process

Semester 2 (Spring) 10 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	ARTNM 320 Facial Expression and Anatomy	3	ART 300
RE	ARTNM 431 Short Production	3	ARTNM 420 or 422
RE	MATH 373 Trigonometry for Calculus	4	through the placement process

Second Year

Semester 3 (Fall) 4 Units

CAT.	COURSE	UNIT	PREREQUISITES
RE	ARTNM 423 3D Modeling and Texturing III - Environment	3	ARTNM 420
Req	CISC 323 Linux Operating System	1	

Semester 4 (Spring) 6 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	ARTNM 429 3D Rigging and Rig Building	3	ARTNM 420
Req	CISP 300 Algorithm Design/Problem Solving	3	

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:

- Math placements differ based on each student's math background. See a counselor to determine the best route to fulfill the MATH 372 and 373 requirement.

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 map shows the fastest way to complete this program. See a counselor to adjust the

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

coursework to meet your specific needs.

- This map 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.

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