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

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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.