



# 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 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](#) or to adjust the coursework.

#### EXPLANATION OF CATEGORIES

<b>Req</b>	Required Core	A course that is required for this program
<b>RE</b>	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

Published April 11, 2026