3D ANIMATION TECHNOLOGY, VISUAL COMMUNICATIONS (TECHNICAL CERTIFICATE)

Degree: Technical Certificate
Program of Study: Visual Communications
Specialization: 3D Animation Technology
Program Code: 1150

About This Major . . .

The 3D Animation Technology certificate prepares students to work in digital 3D animated environments. 3D Animation Technology is all about the art of visual storytelling. During this program, you will use the 12 Principals of Animation, to develop dynamic 3D characters and environments. You will gain experience using industry-standard software to produce animations and portfolios. Students develop skills for entry-level jobs in the fields of 3D movie animation, 3D gaming animation, and 3D animation for commercials and presentations.

For more information on what you can do with this major, visit WCCC's Programs of Study (https://www.coloradomesa.edu/wccc/programs) page.

All CMU/WCCC technical certificate graduates are expected to demonstrate proficiency in communication fluency, quantitative fluency, specialized knowledge/applied learning, and critical thinking. In addition to these campus#wide student learning outcomes, graduates of this major will be able to:

1. Apply business communication using listening, verbal and written and electronic forms that are needed for entry level employment. (Communication Fluency)
2. Apply mathematical and applied physics concepts for industry to meet employment requirements. (Quantitative Fluency)
3. Research, evaluate, synthesize and apply information/data relevant to business, sciences and technical careers. (Critical Thinking)
4. Demonstrate knowledge of terminology, symbols, business practices, and principles and application of technical skills. (Specialized Knowledge)
5. Perform the necessary applied skill sets to fulfill the needs of entry level employment. (Applied Learning)
6. Demonstrate ethical, civic and work place responsibility as part of professional behavior. (Specialized Knowledge)

Institutional Certificate Requirements

The following institutional requirements apply to all CMU or WCCC Technical Certificates. Specific programs may have different requirements that must be met in addition to institutional requirements.

- Consists of 5-59 semester hours.
- Consists of 100-200 level courses.
- At least fifty percent of the credit hours must be taken at CMU/WCCC.
- 2.00 cumulative GPA or higher in all CMU/WCCC coursework.
- A grade lower than "C" will not be counted toward meeting the requirements.
- A course may only be used to fulfill one requirement for each degree/certificate.

- Non-traditional credit, such as advanced placement, credit by examination, credit for prior learning, cooperative education and internships, cannot exceed twenty-five percent of the semester credit hours required for a technical certificate.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Capstone exit assessment/projects (e.g., Major Field Achievement Test) requirements are identified under Program-Specific Certificate Requirements.
- The Catalog Year determines which program sheet and certificate requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

Program Specific Certificate Requirements

(31 semester hours, must earn a grade of "C" or better in each course.)

Code	Title	Semester Credit Hours
MGDA 105	Creative Development	3
MGDA 120	Digital Design Tools	3
MGDA 149	Digital Drawing	3
MGDA 150	Previsualization	3
MGDA 153	Beginning 3D Animation	3
MGDA 163	Audio Design	3
MGDA 164	Digital Video Editing	3
MGDA 225	3D Character Design	3
MATH 108	Technical Mathematics	4
ENGL 111	English Composition-GTCO1	3
Total Semester Credit Hours		31

Course	Title	Semester Credit Hours
First Year		
Fall Semester		
MGDA 120	Digital Design Tools	3
MGDA 149	Digital Drawing	3
MGDA 150	Previsualization	3
MGDA 153	Beginning 3D Animation	3
ENGL 111	English Composition-GTCO1	3
	Semester Credit Hours	15
Spring Semester		
MGDA 163	Audio Design	3
MGDA 164	Digital Video Editing	3
MGDA 225	3D Character Design	3
MATH 108	Technical Mathematics	4
MGDA 105	Creative Development	3
	Semester Credit Hours	16
	Total Semester Credit Hours	31

Advising Process and DegreeWorks

Documentation on the pages related to this program is intended for informational purposes to help determine what courses and associated

requirements are needed to earn a certificate. Some courses are critical to complete in specific semesters while others may be moved around. Meeting with an academic advisor is essential in planning courses and discussing the suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for her/his intended certificate.

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a certificate and determine eligibility for graduation. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head. Discrepancies in requirements should be reported to the Registrar's Office.

Graduation Process

Students must complete the following in the first two months of the semester prior to completing their certificate requirements (for one-semester certificates, complete in the first week of class):

- Review their DegreeWorks audit and create a plan that outlines how unmet requirements will be met in the final semester.
- Meet with their advisor and modify their plan as needed. The advisor must approve the final plan.
- Submit the "Intent to Graduate" form to the Registrar's Office to officially declare the intended graduation date and commencement ceremony plans.
- Register for all needed courses and complete all requirements for each degree sought.

Submission deadlines and commencement details can be found at http://www.coloradomesa.edu/registrar/graduation.html.

If a student's petition for graduation is denied, it will be her/his responsibility to consult the Registrar's Office regarding next steps.