Architectural Visualization Proficiency Certificate (<mark>grid only</mark>)

Description: This certificate prepares students interested in the field of computer-assisted design technology, current workers desiring more training, and those with a background in related technical fields for careers as architectural visualization (AV) specialists. Entry-level AV specialists assist design professionals in the architecture, engineering and construction fields in translating ideas, sketches and technical information into complex three-dimensional digital models that often employ animation. Students taking this certificate will build both the technical competencies and the strong collaboration skills needed to work in today's professional AV environments.

Student Learning Outcomes:

Upon successful completion of the Architectural Visualization Proficiency Certificate, students will be able to:
- Communicate effectively in written, oral, and graphic modes and work as part of a team
- Develop digital models utilizing computer drafting and rendering in both two and three dimensions
- Develop solutions for design and construction documentation by utilizing graphic techniques, including rendering and animation
- Interpret architectural and construction drawings and documents

Program Entry Requirements: New students are required to take College placement tests at the time of entry. Students identified as needing developmental course work must satisfactorily complete the appropriate English and mathematics courses as part of their degree program.

Program of Study and Graduation Requirements: Successful completion of the program requires a "C" grade or better in each of the courses listed.

Course Sequence:

Course Number	Prerequisites	Credits
ADC 103 - CAD Basics		3 credits
ADC 160 - Presentation Techniques	ADC 103	3 credits
ADC 163 - Architectural Visualization with Autodesk Revit	ADC 103	3 credits
ADC 260 - Advanced Presentation Techniques	ADC 160 and ADC 209 which may be taken be taken concurrently, or ADC 163 which may be taken concurrently	3 credits
ADC 263 - Digital Animation and Rendering	ADC 103 or ART 150	3 credits
ADC 273 - Advanced CAD Applications~~spot~~	ADC 163	3 credits

Minimum Credits Needed to Graduate:18

Courses and Completion Sequence

The following courses and sequence of courses is designed for the optimal success and completion of the Architectural Visualization Proficiency Certificate degree/certificate. Any alterations should be discussed with your academic advisor.

Course Number	Credits	Advisory Notes	Course Type
ADC 103 - CAD Basics	3 credits		Major Course
ADC 160 - Presentation Techniques	3 credits	Prerequisite: ADC 103, which may be taken concurrently	Major Course
ADC 163 - Architectural Visualization with Autodesk Revit	3 credits	Prerequisite: ADC 103	Major Course

[ADC 260 - Advanced Presentation Techniques](#)	3 credits	Prerequisite: ADC 160 and ADC 209 which may be taken be taken concurrently, or ADC 163 which may be taken concurrently	Major Course
[ADC 263 - Digital Animation and Rendering](#)	3 credits	Prerequisite: ADC 103 or ART 150	Major Course
[ADC 273 - Advanced CAD Applications~~spot~~](#)	3 credits	Prerequisite: ADC 163	Major Course