

CERTIFICATE OF ACHIEVEMENT

This program provides students with the skills to plan, prepare and interpret construction documents. Students will develop these skills through board drafting with a high emphasis on using computer-aided design and drafting workstations. Instruction also includes office standards, ethics, equipment maintenance and production techniques. This degree is used as the basis for students entering civil engineering design, architectural design, electrical engineering design or mechanical design fields as well as for employment as CADD operators.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- Perform tasks in operating a CADD workstation using industry standard software used in Southern Nevada.
- Produce Two- and Three-Dimensional construction documents using the drafting tools within the CAD software that will apply to their discipline.
- Utilize office standards, techniques, and procedures in the workplace.
- Demonstrate adequate knowledge of mathematics, communications skill and other core degree requirements. Graduates will be ready to be employed as an entry-level technician.

GENERAL EDUCATION REQUIREMENTS (3 Credits):

	CR	SEMESTER
COMMUNICATIONS: BUS 108, COM 101, 102, 215, ENG 100, 101, 107, 113, 205, JOUR 102, THTR 105	3-5	_____

SPECIAL PROGRAM REQUIREMENTS (27 Credits):

	CR	SEMESTER
CADD 100 Introduction to Computer Aided Drafting	3	_____
CADD 105 Intermediate Computer Aided Drafting	3	_____
CADD 200 Advanced Computer Aided Drafting	4	_____
CADD 207 Descriptive Geometry	3	_____
CADD 210B CADD Project	4	_____
CADD 250 CAD Systems Management	3	_____

Plus 7 credits from the following:

ADT 201B Introduction to Building Information Modeling	3	_____
CADD 230B Civil Drafting I	4	_____
CADD 231B Civil Drafting II	4	_____
CONS 120B Printreading and Specifications	3	_____

Computation included in CADD 100

Human Relations included in CADD 250

NOTE: Courses with a B suffix (example - XYZ 123B) may be non-transferable for a NSHE baccalaureate degree.

CADD-CT

30
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

Guided Pathway 2014-2015
COA CADD TECHNOLOGY
 30 Credits

First Semester Fall		<i>Credits</i>	<i>Completed</i>
CADD 100	Introduction to Computer Aided Drafting	3	_____
Communications Requirement (choose one)		3	_____
CADD Technology Electives (choose one)		3-4	_____
Total		9-10	

Second Semester		<i>Credits</i>		<i>Completed</i>
CADD 105	Intermediate Computer Aided Drafting	3		_____
CADD 207	Descriptive Geometry	3	<i>Spring Only</i>	_____
CADD 250	CAD System Management	3	<i>Spring Only</i>	_____
CADD Technology Electives (choose one)		3-4		_____
Total		12-13		

Third Semester		<i>Credits</i>		<i>Completed</i>
CADD 200	Advanced Computer Aided Drafting	4	<i>Fall Only</i>	_____
CADD 210B	CADD Project	4	<i>Fall Only</i>	_____
Total		8		