

**CADD Technology**  
**CERTIFICATE OF ACHIEVEMENT (CoA)**

**REQUIRED CREDITS: 30**

**DEGREE CODE: CADD-CT**

**DESCRIPTION**

This program provides students with the skills to plan, prepare and interpret drafting documents. Students will develop these skills through computer-aided design and drafting workstations. Instruction also includes office standards, ethics, equipment maintenance and production techniques.

**STUDENT LEARNING OUTCOMES**

- 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 skills and other core degree requirements. Graduates will be ready to be employed as an entry-level CADD Technician.

**PLEASE NOTE** - The courses listed below may require a prerequisite or corequisite. Read course descriptions before registering for classes. All MATH and ENG courses numbered 01-99 must be completed before reaching 30 total college-level credits. No course under 100-level counts toward degree completion.

**GENERAL EDUCATION REQUIREMENTS (3 CREDITS)**

**COMMUNICATIONS (3 credits)**

Required: COM 115 Applied Communication

**SPECIAL PROGRAM REQUIREMENTS (27 CREDITS)**

**CORE REQUIREMENTS (27 credits)**

CADD 100	Introduction to Computer Aided Drafting	3
CADD 105	Intermediate Computer Aided Drafting	3
CADD 140	Technical Drafting I	3
CADD 141B	Technical Drafting II	3
CADD 245	Solid Modeling and Parametric Design	3
CADD 246B	Solid Modeling and Parametric Design II	3
CADD 250	CAD Systems Management	3
CADD 299B	CADD Capstone	3
MATH 104B	Applied Mathematics (or above) (except MATH 115B, 122, 123)	3
<b>Choose one from the following (0-3 credits)</b>		
IS 100B	Core Computing Competency	0
IS 101	Introduction to Information Systems	3

Computation included in MATH 104B or above (except MATH 115B, 122, 123)

Human Relations included in CADD 250

**FULL-TIME STUDENT DEGREE PLAN**

*Plan can be modified to fit the needs of part-time students by adding more semesters.*

<b>FIRST SEMESTER</b>	<b>Credits</b>
COM 115 Applied Communication	3-5
CADD 100 Introduction to Computer Aided Drafting	3
MATH 104B or above (except MATH 115B, 122, 123)	3
IS 100B or IS 101	0-3
<b>TOTAL CREDITS</b> .....	<b>9-14</b>
<b>SECOND SEMESTER</b>	<b>Credits</b>
CADD 105 Intermediate Computer Aided Drafting	3
CADD 140 Technical Drafting I <sup>1</sup>	3
CADD 245 Solid Modeling and Parametric Design <sup>1</sup>	3
CADD 250 CAD Systems Management <sup>1</sup>	3
<b>TOTAL CREDITS</b> .....	<b>12</b>
<b>THIRD SEMESTER</b>	<b>Credits</b>
CADD 141B Technical Drafting II <sup>2</sup>	3
CADD 246B Solid Modeling and Parametric Design II <sup>2</sup>	3
CADD 299B CADD Capstone <sup>2</sup>	3
<b>TOTAL CREDITS</b> .....	<b>9</b>
<b>DEGREE PLAN TOTAL CREDITS</b> .....	<b>30-35</b>

<sup>1</sup>This course is offered in the Spring only.

<sup>2</sup>This course is offered in the Fall only.

- NOTE**
- Course numbers with the “B” suffix may be non-transferable for a NSHE baccalaureate degree.
  - Course numbers with the “H” suffix are designated Honors-level courses and can be used to fulfill equivalent general education requirements. For more information visit [www.csn.edu/honors](http://www.csn.edu/honors).
  - In no case, may one course be used to meet more than one requirement except for the Values and Diversity general education requirement (only AA, AS, and AB degrees) which may be used to fulfill the corresponding general education or emphasis requirement.
  - 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.

