PROGRAM 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)

SPECIAL PROGRAM REQUIREMENTS (27 CREDITS)

<table>
<thead>
<tr>
<th>CR</th>
<th>SEMESTER</th>
<th>CORE REQUIREMENTS (27 credits)</th>
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<tr>
<td>3</td>
<td></td>
<td>CADD 100 Introduction to Computer Aided Drafting 3</td>
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<td></td>
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<td>CADD 105 Intermediate Computer Aided Drafting 3</td>
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<td>CADD 141B Technical Drafting II 3</td>
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<td></td>
<td></td>
<td>CADD 245 Solid Modeling and Parametric Design 3</td>
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<td>CADD 246B Solid Modeling and Parametric Design II 3</td>
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<td>CADD 250 CAD Systems Management 3</td>
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<td>CADD 299B CADD Capstone 3</td>
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<td></td>
<td></td>
<td>MATH 104B Applied Mathematics (or above) 3 (except MATH 115B, 122, 123)</td>
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<td>Choose one from the following (0-3 credits)</td>
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<tr>
<td></td>
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<td>IS 100B Core Computing Competency 0</td>
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<td></td>
<td></td>
<td>IS 101 Introduction to Information Systems 3</td>
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Computation included in MATH 104B or above (except MATH 115B, 122, 123)
Human Relations included in CADD 250

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.
• 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.
The following is a suggested pathway, or course sequence by term, for this academic program. The following factors may affect the time it takes to complete the pathway as listed:

- The term (fall, spring, summer) in which the student enters the program because class availability varies by term.
- Where the student placed in the Math and English course sequence (i.e. taking courses below 100) and completion of course prerequisites.
- Meeting with the student's designated program counselor or advisor to determine academic readiness to succeed in a particular course. Use of appropriate services (writing center, math resource center, etc.) may be in order to support successful course completion.

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Requirement</th>
<th>Credit Hours</th>
<th>Term</th>
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<td>CADD 100 Introduction to Computer Aided Drafting</td>
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<td>MATH 104B or above (except MATH 115B, 122, 123)</td>
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<td><strong>Semester Total</strong></td>
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<table>
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<th>Requirement</th>
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<td>CADD 140 Technical Drafting ¹</td>
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<tr>
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<td>CADD 245 Solid Modeling and Parametric Design²</td>
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<td>CADD 250 CAD Systems Management³</td>
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<table>
<thead>
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<th>Requirement</th>
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<td>CADD 246B Solid Modeling and Parametric Design II²</td>
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<td>CADD 299B CADD Capstone²</td>
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<td><strong>Semester Total</strong></td>
<td><strong>9</strong></td>
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</table>

| Pathway Course Total                | 30-35                                            |
| Certificate Total                   | 30                                               |

¹This course is offered in the Spring only.

²This course is offered in the Fall only.