The Associate in Applied Science (AAS) in CAD Technology degree provides students with experience in the manipulation of 2-dimensional and 3-dimensional objects using industry standard CAD software and includes training in presentation and animation methods as well as in documentation conventions. Elective options in architecture, manufacturing, and civil projects supply focus on specific professional application software. Additionally, students are required to enroll in a departmental elective from a second professional group, thus broadening their experience of the design sector and heightening their skills in and perceptions of the range of design possibilities.

Students are responsible for proper selection of courses and admission to University and professional programs.

### CAD Technology

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<tr>
<th>CRS</th>
<th>Name</th>
<th>64-69 Credits</th>
<th>Major code: 3503</th>
<th>Effective Term: 2014 Fall</th>
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#### Program Notes:

Students must earn a grade of "C" or better for all courses within the program.

+ indicates course has prerequisites and/or corequisites.

++ indicates any module/suffixed courses.

### I. GENERAL EDUCATION CORE (9-12 Credits)

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#### II. GENERAL EDUCATION DISTRIBUTION (10 Credits)

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#### III. REQUIRED COURSES (39-41 Credits)

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#### IV. RESTRICTED ELECTIVES (6 Credits)

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#### Program Notes:

Students must earn a grade of "C" or better for all courses within the program.

+ indicates course has prerequisites and/or corequisites.

++ indicates any module/suffixed courses.

**Comments:**

Effective Term: 2014 Fall

64-69 Credits     Major code: 3503

**Notes:**

- Students must also complete the courses in one of the following application specialty tracks:
  - **Track I: Architecture**
    - CAD105 Fundamentals of Revit Architecture
    - CAD167 Architectural Drawings I (Revit): Residential CAD
    - CAD267 Architectural Drawings II (Revit): Commercial CAD
    - BLT263 Building Codes
  - **Track II: Manufacturing**
    - CAD175 Manufacturing Modeling and Design
    - CAD245 Design and Modeling of Mechanisms
    - CAD281 Electro-Mechanical Product Documentation
    - CAD270 SolidWorks Application and Analysis Modules
  - **Track III: Civil**
    - CAD186 Site Development I
    - CAD286 Site Development II
    - CET101 Surveying I
    - CAD+++++ Any Computer-Aided Design (CAD) course(s)
  - **Track IV: Restricted Electives**
    - CAD167 Architectural Drawings I (Revit): Residential CAD
    - CAD175 Manufacturing Modeling and Design
    - CAD186 Site Development I
    - CAD245 Design and Modeling of Mechanisms
    - CAD267 Architectural Drawings II (Revit): Commercial CAD
    - CAD281 Electro-Mechanical Product Documentation
    - CAD286 Site Development II
    - CAD287 Drawings (REVIT) III: Advanced Revit Techniques
    - DFT121 Introduction to Architectural Drafting
Current Developments in CAD Technology (1) 1-3

CAD292 may be repeated up to three (3) times on different topics.

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<th>The following courses must be approved by Department Advisor:</th>
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<td>CAD+++++</td>
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<td>ART+++++</td>
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<td>ECE+++++</td>
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