

Computer-Aided Design (CAD)

Certificate

DIVISION OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

Students develop CAD skills and techniques by using the most modern equipment and software such as AutoCAD®, Pro/ENGINEER®, SolidWorks®, and MS Project®. Instruction is given in mechanical, electrical, and architectural design. Students will use the acquired computer skills from various courses to complete projects in the areas of their interest. Graduates may seek positions as detailers/drafters/CAD operators.

Upon successful completion, the Certificate in Computer-Aided Design is awarded.

PROGRAM FOOTNOTES

Program Electives: MN 121 Mechanical Detailing, MN 140 Project Management, MN 141 Architecture & Civil CAD Applications, MN 241 Architectural Design, MN 251 Electro-Mechanical Design, MN 261 Animation Materials 3D Molding, MN 271 Project Design, MN 272 Designing Plastic Parts

| COURSE | COURSE TITLE | CREDITS |
|--------|--|-----------|
| MN 101 | Introduction to Computer Aided Design and Drafting | 4 |
| MN 130 | Engineering Design with CAD I | 4 |
| MN 135 | Engineering Design with CAD II | 4 |
| | Program Elective | 4 |
| | Program Elective | 4 |
| | credits: | 20 |
| | Total Credits: | 20 |

