



This certificate is designed to offer training in using a computer to define part geometry for manufactures with computer controlled machine tools such as milling machines and lathes. The focus of the training is on the use of AutoCAD to draw parts and writing the G and M code used to program a machine tool to make the part automatically. Graduates should find employment as a machine operator or programmer.



### Requirements for the Certificate of Completion

Students may obtain the certificate of completion in CAD/CAM by completing the following courses with a grade C or higher in each course. Students are expected to have basic drafting and manufacturing skills. If not, they should enroll in ET 104.



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| <b>ET 86</b>    | <b>CAM I</b>   |
| <b>WELD 140</b> | <b>Manufacturing Processes</b>                       |
| <b>CAD 181</b>  | <b>Introduction to Computer Aided Drafting-CAD I</b> |
| <b>CAD 182</b>  | <b>Intermediate Computer Aided Drafting-CAD II</b>   |

**For more information contact the following:**

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 CCSF Catalog online: <http://www.ccsf.edu/Catalog/cat.html>

