

# COMPUTER AIDED DESIGN AND DRAFTING---BASIC

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**Certificate of Proficiency**  
**Career/Technical (Major Code: 02569)**

A basic certificate in CAD provides the student an opportunity to learn fundamental skills that are used in the mechanical engineering and product design and modification.

## Program Student Learning Outcomes

- Develop and organize drawings to meet industry mandated standards.
- Use CAD skills construct or modify provided drawings based on written and verbal communications.

Code	Title	Units
<b>Program Requirements</b>		
CAD 220	INTRO TO CAD/CAM SYSTEMS	3
CAD 222	CAD MECHANICAL DESIGN I	3
CAD 223	CAD DETAILING AND DIMENSIONING	3
CAD 224	CAD MECHANICAL DESIGN II	3
CAD 230	INTRODUCTION TO SOLIDWORKS	3
<b>Total Units</b>		<b>15</b>