

### Computer Aided Design and Drafting – Mechanical Certificate Career Ready Pathway (21-Months)

Guided pathways are recommended course sequences for earning a certificate or degree. Waubonsee’s academic and career advising and counseling professionals are available to guide students on their path to graduate.

Fall (year one)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
CAD100 Technical Drawing I or EGR101 Engineering Graphics	3	Corequisite: CAD102	FA	<input type="checkbox"/>
CAD 102 AutoCAD I	3	Recommended Corequisite: CAD100 and EGR101	FA   SP	<input type="checkbox"/>
MTT100 Safety Principles	1	None	FA   SP	<input type="checkbox"/>
<b>Total</b>	<b>7</b>			

Spring (year one)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
CAD118 Technical Drawing II	3	CAD100 and CAD102 Corequisite: CAD120	SP	<input type="checkbox"/>
CAD120 AutoCAD II	3	CAD102 or consent of instructor Recommended Corequisite: CAD118	FA   SP	<input type="checkbox"/>
<b>Total</b>	<b>6</b>			

Fall (year two)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
CAD122 Geometric Dimensioning/Tolerancing	2	Recommended: CAD100, 102, and EGR101. Recommended Corequisite: CAD120, 240, or 241	FA	<input type="checkbox"/>
CAD 240 Intro-Parametric Modeling/SolidWorks	3	CAD120, or EGR101, or consent of instructor. Recommended Corequisite: CAD122, CAD241	FA	<input type="checkbox"/>
CAD241 Intro-Parametric Modeling/Inventor	3	CAD120, CAD122 and EGR101 or consent of instructor. Recommended Corequisite: CAD240	FA	<input type="checkbox"/>
<b>Total</b>	<b>8</b>			

Spring (final semester)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
CAD242 Adv Parametric Modeling/SolidWorks	3	CAD240 or consent of instructor	SP	<input type="checkbox"/>
CAD243 Adv Parametric Modeling/Inventor	3	CAD241 or consent of instructor	SP	<input type="checkbox"/>
<b>Total</b>	<b>6</b>	<b>Questions? Call (630) 466-2361 or email <a href="mailto:advising@waubonsee.edu">advising@waubonsee.edu</a></b>		
<b>Certificate Total</b>	<b>27</b>			