

# Computer Aided Design and Engineering Technology – Product Design Option (CAD.PDO.AAS) – Full Time - Fall Start 2021-2022

\*\*Students should meet with an OCC counselor before attempting this plan of study\*

## Year 1 - FALL

COURSES		
CAD 1101	Introduction to CAD	4
CAD 1105 <sup>1</sup>	Animation Design	3
DDT 1000	Fundamentals for the Drafting Industry	3
MAT 1150 <sup>2</sup>	Intermediate Algebra	4
<b>TOTAL CREDITS:</b>		<b>14</b>

## Year 1 - WINTER

COURSES		
CAD 1501 <sup>3</sup>	Special Topics in CAD: Intro. to Fusion 360	2
CAD 1201 <sup>4</sup>	Introduction to Engineering Graphics	4
CAD 2102 <sup>5</sup>	Fund.of Part Design and Its Applications	4
CAD 2110 <sup>6</sup>	NX I	3
<b>TOTAL CREDITS:</b>		<b>13</b>

## Year 1 - SUMMER

COURSES		
ENG XXXX	Choice of ENG 1350, 1450, 1510, 2200	3-4
CAD 2190 <sup>7</sup>	NX II	3
<b>TOTAL CREDITS:</b>		<b>6-7</b>

## Year 2 - FALL

COURSES		
CAD 2131 <sup>8</sup>	Product Design	4
CAD 2151 <sup>9</sup>	Introduction to Generative Surface Design	4
CAD 2340 <sup>10</sup>	Tool and Die Design	4
Gen Ed	Communication/English	3
<b>TOTAL CREDITS:</b>		<b>15</b>
<b>MILESTONE:</b> Make an appointment to meet with a Counselor to apply for graduation for this degree.		

## Year 2 - WINTER

COURSES		
Gen Ed	Social Science	3
Gen Ed	Fine Arts/Humanities	3
CAD 1450 <sup>11</sup>	Drafting and Design Co-op Internship	3
CAD 2450 <sup>12</sup>	Adv. Drafting and Design Co-op Intern	3
<b>TOTAL CREDITS:</b>		<b>12</b>

## Year 2 - SUMMER

COURSES		
CAD 2000 <sup>13</sup>	Animation Design II	3
<b>TOTAL CREDITS:</b>		<b>3</b>

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