

Recommended Sequence for full-time students.

CAD Degree Checklist 2025-2026

Year One

<u>Fall Semester</u>	<u>Credits</u>	<u>Comments</u>
<input type="checkbox"/> DRAF 101 Engineering Graphics**	4	_____
<input type="checkbox"/> BAS 160 Intro to Business Applications	3	_____
<input type="checkbox"/> ENGL 151 Freshman Composition**	3	_____
<input type="checkbox"/> Elective Personal and Cultural Engagement**	3	_____
<input type="checkbox"/> FYS 101 First Year Seminar*	1	_____
	<u>14</u>	
 <u>Spring Semester</u>		
<input type="checkbox"/> DRAF 120 Machine Drafting (prereq. DRAF 101)	3	_____
<input type="checkbox"/> DRAF 181 Applications in AutoCAD (prereq. DRAF 101)	3	_____
<input type="checkbox"/> DRAF 234 SolidWorks (prereq. DRAF 101)	3	_____
<input type="checkbox"/> MATH 125 College Algebra**	4	_____
<input type="checkbox"/> Communication 110 or 207***	3	_____
	<u>16</u>	
 <u>Summer Semester</u>		
<input type="checkbox"/> ENTE 161 Fundamentals of Manufacturing	3	_____
	<u>3</u>	

Year Two

<u>Fall Semester</u>		
<input type="checkbox"/> DRAF 141 Descriptive Geometry (prereq. DRAF 101)	3	_____
<input type="checkbox"/> DRAF 221 Architectural Drafting (prereq. DRAF 101)	3	_____
<input type="checkbox"/> DRAF 252 Advanced SolidWorks (prereq. DRAF 234)	3	_____
<input type="checkbox"/> MATH 132 Trigonometry (prereq. MATH 125)**	3	_____
<input type="checkbox"/> ENTE 215 Material Science	3	_____
	<u>15</u>	
 <u>Spring Semester</u>		
<input type="checkbox"/> DRAF 211 Dimensioning & Tolerancing (prereq. 234)	3	_____
<input type="checkbox"/> DRAF 262 Engineering Design (prereq. DRAF 252)	3	_____
<input type="checkbox"/> PHYS 111 College Physics 1 (prereq. MATH 132)**	4	_____
<input type="checkbox"/> Elective Personal and Cultural Engagement**	3	_____
<input type="checkbox"/> SERV 100 Intro to Service Learning	1	_____
	<u>14</u>	
Total: 62		

Many of the above courses are only offered once per year. If you are out of sequence, please check with the CAD instructor for course availability.

* See an Academic Advisor for information about FYS and the conditions that require this course be successfully completed.

** Meets Critical Thinking General Education requirement.

*** Meets Effective Communication General Education requirement.

For Ferris State University (FSU) Product Design Engineering Technology program (PDET), **COMM 207** is the only transferable COMM course.

Note: For transfer to Ferris State University Product Design Engineering Technology program please refer to the KCC-to-FSU PDET transfer guide for additional courses, beyond those required for the KCC CAD degree, which may also transfer toward the FSU PDET degree.

This document is for academic advising only. See the current KCC catalog for official degree requirements.