

Degree Checklist 2013-14

Recommended Sequence for full-time students.

Year One

Fall Semester

<input type="checkbox"/>	DRAF 101	Engineering Graphics	4
<input type="checkbox"/>	ENTE 160	Manufacturing Processes	3
<input type="checkbox"/>	OIT 160	Application Software	3
<input type="checkbox"/>	ENGL 151	Freshman Composition	3
<input type="checkbox"/>	Elective	Communication 101, 111, or 207**	3
			16

Comments

Spring Semester

<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 118	Applied Algebra & Trig 1	3
<input type="checkbox"/>	ENTE 170	CNC & CAM (prereq. ENTE 160)	3
			15

Summer Semester

<input type="checkbox"/>	Elective	General Education*	3
<input type="checkbox"/>	Elective	General Education*	2
			5

Year Two

Fall Semester

<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"/>	ENTE 215	Material Science	3
<input type="checkbox"/>	MATH 119	Applied Algebra & Trig 2 (prereq. MATH 118)	3
			15

Spring Semester

<input type="checkbox"/>	DRAF 211	Dimensioning & Tolerancing (prereq. 120 & 234)	3
<input type="checkbox"/>	DRAF 262	Engineering Design (prereq. DRAF 252)	3
<input type="checkbox"/>	ENTE 220	Statics & Strength of Materials (prereq. MATH 119)	3
<input type="checkbox"/>	PHYS 111	College Physics 1 (prereq. MATH 119)	4
<input type="checkbox"/>	Elective	General Education*	3
			16

Many of the above courses are only offered once per year. If you are not following the above sequence please check with a CAD instructor for course availability.

* One general education core course required in each of the following categories; Creativity, Global Awareness, and Healthy living. See the college catalog for further details. For transfer to Ferris State University's Product Design Engineering program, Art 103 is recommended for the Creativity elective.

** For Ferris State University's Product Design Engineering program, COMM 207 is the only transferable communications course.