Engineering CAD Technology

Academic Planning Guide

Mechanical Drafting
Associate of Applied Science

This degree is designed for online learners who want a career in mechanical drafting. Mechanical drafters are an important part of the engineering department of manufacturing firms. Mechanical drafters use CAD software to create accurate blueprints. Attention to detail helps mechanical drafters translate the engineering requirements and manufacturing methods into a set of working drawings to communicate clearly with manufacturing and inspection departments.

Spring Start - Eden Prairie

First Semester

ENGC1011	Engineering Drawing	3
ENGC1160	Inventor	4
ENGC2100	Basic Creo Parametric	4
METS1020	Industrial Manufacturing Processes	3
	Total Credits	**14**

Second Semester

ENGC1250	SOLIDWORKS I	4
ENGC2110	Advanced Creo Parametric	4
ENGL1070	Technical Writing	3
	or	
ENGL1100	Writing & Research	4
MATH1150	Applications of Quantitative Reasoning	3
	or	
MATH1400	College Algebra	4
	Total Credits	**14**

Third Semester

ENGC1021	Working Drawings	3
ENGC1041	Geometric Dimensioning & Tolerancing	3
ENGC1255	SOLIDWORKS II	4
ENGC2001	Mechanical Design	3
	General Education Electives	3
	Total Credits	**16**

Fourth Semester

ENGC1100	AutoCAD for Engineering	4
ENGC1201	Industrial CAD Project	3
ENGC2011	Special Fields of Drafting	3
PHIL1100	Critical Thinking for College Success	3
	or	
PHYS1005	Introductory Physics I	3
	General Education Electives	3
	Total Credits	**16**

Total Credits 60

Please note: Semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice.

Plan Your Path to Stay on Track

Success doesn't happen by accident—it starts with a plan! Whether you're working toward a diploma, certificate, or degree, understanding which courses to take and when to take them can save you time, money, and stress.

By staying organized and proactive, you'll move forward with confidence, avoid last-minute surprises, and stay on track for graduation. One of the best tools to help you map out your path is your Degree Audit Report (DARS).

Your Personal Academic Checklist

DARS takes the guesswork out of course planning. It gives you a clear snapshot of your progress and shows which classes are still required for your program.

Why Check DARS?

Planning your class schedule is much easier when you know what is left to take! Checking your DARS report can help you:

- ✓ Avoid registering for the wrong courses
- ✓ Make steady progress toward your degree or diploma
- ✓ Stay on track for graduation and avoid surprises

How to Access Your DARS Audit

Checking your DARS only takes a few clicks!

1. Log into eServices with your StarID and password
2. Go to the Academic Records section
3. Click on Degree Audit Report (DARS)
4. Review your audit to see what is complete and what is still required



Plan Ahead for Success

It is smart to review your DARS every semester—especially before registration opens. If you are not sure which classes to take next, your DARS is a great place to start. You can also bring it to your academic advising appointment to build a plan that fits your goals and schedule.

Your degree. Your plan. Your future.

DARS helps you take the right steps, at the right time. Check your DARS often so you can register with confidence and graduate on time!

Visit
HennepinTech.edu/Advising

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