SOLIDWORKS Operator (BP/EP) Advanced Technical Certificate

Semester Sequence

Offered at Brooklyn Park and Eden Prairie

First Semester

ENGC1250	SOLIDWORKS I	4
	Technical Studies Electives	3

Total Credits 7

Second Semester

ENGC1021	Working Drawings	3
ENGC1255	SOLIDWORKS II	4
ENGC2075	Engineering Design Project	3

Total Credits 10

Technical Studies Electives

Recommended:

ENGC1011	Engineering Drawing	3
ENGC1041	Geometric Dimensioning and Tolerancing	3
ENGC1050	Additive Manufacturing	3
ENGC1060	Design for Additive Manufacturing	3
ENGC1100	AutoCAD for Engineering	4
ENGC1160	Inventor	4
ENGC1201	Industrial CAD Project	3
ENGC1900	Specialized Lab	1 - 4
ENGC2001	Mechanical Design	3
ENGC2100	Basic Creo Parametric	4
ENGC2110	Advanced Creo Parametric	4
MACH2410	CAD/CAM	3
METS1000	Computers in Manufacturing	3
METS1020	Industrial Manufacturing Processes	3

Choose a Total of: 3 Credits

Graduation (17 of Credits)

Prerequisite: Graduation from or concurrent enrollment in a 2-year Engineering CAD or machining program or a minimum of 2 years of work experience.

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

2/26/2024 : BP 4112 / EP 4113