Highland Community College - Program Information

Certificate C – 56 Credits

Engineering Graphics and Technologies (full-time)

Effective Date 08/01/2022

This map provides a guide to completing a certificate program or an associate degree. Completion is subject to pre-requisite requirements and availability of the program/courses by location.

1st Sem	COURSE	CREDITS	SGE	COMPLETED
CAD101	Technical Drawing I	4		☐
MFT110	Blueprint Reading/Geometric	3		☐
TCH100	OSHA 10	1		☐
MFT120	Precision Measurements	2		☐
CAD131	Computer Graphics I	5		☐
Total Credits		15		

2nd Sem	COURSE	CREDITS	SGE	COMPLETED
CAD151	Technical Drawing II	4		☐
EGT106	Computer Numeric Control Concepts and	3		☐
EGT186	Engineering Graphics and Applications	2		☐
CAD182	Computer Graphics II	5		☐
Total Credits		14		

3rd Sem	COURSE	CREDITS	SGE	COMPLETED
CAD201	Technical Drawing III	4		☐
EGT226	Computer CAD/CAM Operation	4		☐
MFT240	Precision Measurements II	2		☐
EGT206	Machining Processes	3		☐
Total Credits		13		

4th Sem	COURSE	CREDITS	SGE	COMPLETED
CAD232B	Computer Graphics III	2		☐
CAD251	Technical Drawing IV	4		☐
BUS130	Transmission Overhaul/Diagnosis	3		☐
CAD282	Computer Graphics IV	5		☐
Total Credits		14		