HIGHLAND COMMUNITY COLLEGE

Highland Community College - Program Information

Associate of Applied Science (AAS)

Engineering Graphics and Technologies (full-time)

Effective Date 08/01/2022

The plan below is a sample course list. Consult an advisor for the best choices. The total credits may exceed the 60 required for the Associate in Applied Science in Engineering Graphics and Technologies. Some courses have specific semesters and prerequisites. Technical courses must be under five years old.

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		☐
Gen Ed Course	Public Speaking or Oral Composition	3	020	☐
Total Credits		17		

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		☐
Gen Ed Course	Social & Behavioral Science	3	050	
Total Credits		17		

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		☐
Gen Ed Course	Composition I or Technical Composition	3	010	☐
Total Credits		16		

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		☐
Gen Ed Course	Humanities & Fine Arts	3	060	☐
Total Credits		18		