



NSCC Guided Pathway

2022-23

Computer Aided Design Certificate (CAI) – Engineering Science & Industrial Technology Pathway Certificate • STEM and Education Division

Recommended Course Selection Sequence		Required	Credits	Course Offered	CPL Option	Completion
CAD105	Computer Aided Design: AutoCad	Ⓡ	3		X	<input type="checkbox"/>
CMP101	Composition 1	Ⓡ	3		X	<input type="checkbox"/>
CPS100	Information Technology and Its Applications or Open Elective	Ⓡ	3		X	<input type="checkbox"/>
Mathematics Elective (MAT151 level or above)		Ⓡ	3			<input type="checkbox"/>
MET103	Introduction to Manufacturing or EGS102 Introduction to Engineering	Ⓡ	3			<input type="checkbox"/>
CAD106	Computer Aided Design: 3-D AutoCad and Revitt	Ⓡ	3			<input type="checkbox"/>
Liberal Arts Elective		Ⓡ	3		X	<input type="checkbox"/>
Mathematics Elective (MAT152 level or above)		Ⓡ	3			<input type="checkbox"/>
CAD107	Computer Aided Design: SolidWorks	Ⓡ	3			<input type="checkbox"/>
Total Program Credits:			27			

Program Notes

- Open admissions

Campus Information

- Lynn campus based

Additional Graduation Requirements

- Cumulative CLGPA at or above 2.0
- Submit your intent to graduate form at: www.northshore.edu/registrar

Advising Notes

- This certificate is intended to prepare a student upon completion with entry-level employment skills, producing detailed technical drawings and sketches for the manufacturing, architectural, and civil technology industries as well as landscape and home improvement designers.
- Courses are listed in the recommended order you should take them.
- Many courses have prerequisite requirements that must be fulfilled to be eligible to enroll in the course.
- If you intend to graduate with an associate degree in two years, you should enroll in at least 15 credits if taking only fall/spring courses.
- Completing 30 credits each year helps students stay on track to timely graduation.
- Taking classes in the winter intersession and summer can accelerate your time to degree completion.
- All student degree audits for graduation purposes will be based off the official program of study the student is enrolled in.

Liberal Arts Elective: Recommended CMP102, CMP150, or SPE102

Ⓡ Required course for degree
 X Center for Alternative Studies & Educational Testing (CAS) – Course competencies and prerequisites may be fulfilled through Credit for Prior Learning (CPL). Visit www.northshore.edu/cas for more information.



Congratulations NSCC Graduate!