



# NSCC Guided Pathway

2020-21

## 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 or EGS102	Introduction to Manufacturing or Introduction to Engineering	®	3			<input type="checkbox"/>
CAD106	Computer Aided Design: 3-D AutoCad and Revit	®	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			
Total Program Credits:			27			

Liberal Arts Elective: Recommended CMP102, CMP150, or SPE102

### 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](http://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.

® 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](http://www.northshore.edu/cas) for more information.



**Congratulations NSCC Graduate!**