



# NSCC Guided Pathway

2022-23

## Pre-Engineering (PET) – Engineering Science & Industrial Technology Pathway Associate in Arts • STEM and Education Division

Recommended Course Selection Sequence		Required	Credits	Course Offered	CPL Option	Completion
CMP101	Composition 1	Ⓡ	3		X	<input type="checkbox"/>
CHE103	General Chemistry 1	Ⓡ	4			<input type="checkbox"/>
MAT151	Precalculus 1	Ⓡ	3		X	<input type="checkbox"/>
Humanities Electives		Ⓡ	3			<input type="checkbox"/>
CMP102-150	Composition 2 Elective	Ⓡ	3		X	<input type="checkbox"/>
CHE104	General Chemistry 2	Ⓡ	4		X	<input type="checkbox"/>
Social Science Elective		Ⓡ	6			<input type="checkbox"/>
MAT152	Precalculus 2	Ⓡ	3			<input type="checkbox"/>
EGS102	Introduction to Engineering	Ⓡ	3		X	<input type="checkbox"/>
MAT251	Calculus 1	Ⓡ	4		X	<input type="checkbox"/>
PHY201	Physics 1: Mechanics	Ⓡ	4		X	<input type="checkbox"/>
Humanities Electives		Ⓡ	6		X	<input type="checkbox"/>
MAT252	Calculus 2	Ⓡ	4		X	<input type="checkbox"/>
Open Elective		Ⓡ	3		X	<input type="checkbox"/>
PHY222	Physical Properties of Matter	Ⓡ	4			<input type="checkbox"/>
Social Science Elective		Ⓡ	3		X	<input type="checkbox"/>

**Total Program Credits: 60**

### Program Notes

- Open admissions
- Eligible North Shore Promise program
- This program is intended for students who may not have the appropriate academic background to begin the Engineering Science Transfer Program
- Students may take the first year or both years of this program prior to applying for entrance into the Engineering Science Transfer Program
- Day program

### 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

- It is strongly suggested that students work closely with an engineering faculty advisor to select appropriate courses to meet their specific academic needs.
- 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 intercession 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!**