



NSCC Guided Pathway

2017-18

Pre-Engineering (PET) – Engineering Science & Industrial Technology Pathway

Associate in Arts • STEM and Education Division

Recommended Course Selection Sequence		Credits	Course Offered	CAS Option	Completion
CMP101	Composition 1	3		X	<input type="checkbox"/>
Humanities Electives		3			<input type="checkbox"/>
MAT151	Precalculus 1	3		X	<input type="checkbox"/>
CHE103	General Chemistry 1	4		X	<input type="checkbox"/>
CMP102-150	Composition 2 Elective	3		X	<input type="checkbox"/>
Social Science Elective		6			<input type="checkbox"/>
CHE104	General Chemistry 2	4		X	<input type="checkbox"/>
MAT152	Precalculus 2	3		X	<input type="checkbox"/>
EGS101	Introduction to Engineering	2			<input type="checkbox"/>
MAT251	Calculus 1	4		X	<input type="checkbox"/>
PHY201	Physics 1	4		X	<input type="checkbox"/>
Humanities Electives		3			<input type="checkbox"/>
MAT252	Calculus 2	4		X	<input type="checkbox"/>
PHY202	Physics 2	4		X	<input type="checkbox"/>
Open Elective		4			<input type="checkbox"/>
Social Science Elective		3			<input type="checkbox"/>
Humanities Electives		3			<input type="checkbox"/>
Total Program Credits:		60			

Program Notes

- Open admissions
- Students may take the first year or both years of this program prior to applying for entrance into the Engineering Science Transfer Program
- Eligible North Shore Promise 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

Advising Notes

- This program is intended for students who may not have the appropriate academic background to begin the Engineering Science Transfer Program.
- It is strongly suggested that students work closely with an engineering faculty advisor or STEM pathway 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 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.



Congratulations NSCC Graduate!

X Center for Alternative Studies & Educational Testing (CAS) – Course competencies and prerequisites may be fulfilled through credit for prior learning. Visit www.northshore.edu/cas for more information.