



NSCC Guided Pathway

2017-18

Engineering Science Transfer (EST) – Engineering Science & Industrial Technology Pathway Associate in Science • STEM and Education Division

Recommended Course Selection Sequence		Credits	Course Offered	CAS Option	Completion
CMP101	Composition 1	3		Yes	<input type="checkbox"/>
EGS101	Introduction to Engineering	2			<input type="checkbox"/>
CHE103	General Chemistry 1	4		Yes	<input type="checkbox"/>
MAT251	Calculus 1	4		Yes	<input type="checkbox"/>
PHY201	Physics 1	4		Yes	<input type="checkbox"/>
CMP102-150	Composition 2 Elective	3		Yes	<input type="checkbox"/>
CHE104	General Chemistry 2	4		Yes	<input type="checkbox"/>
MAT252	Calculus 2	4		Yes	<input type="checkbox"/>
PHY202	Physics 2	4		Yes	<input type="checkbox"/>
CPS101	Computer Science 1 (Java 1)	4		Yes	<input type="checkbox"/>
MAT301	Calculus 3	4	Fall only		<input type="checkbox"/>
PHY301	Physics 3	4		Yes	<input type="checkbox"/>
	Engineering Elective	3			<input type="checkbox"/>
	Engineering Elective	3			<input type="checkbox"/>
	Engineering Elective	3			<input type="checkbox"/>
	Engineering Elective	3			<input type="checkbox"/>
	Humanities Elective or Social Science Elective	3			<input type="checkbox"/>
	Engineering Elective	3			<input type="checkbox"/>
	Humanities Elective or Social Science Elective	3			<input type="checkbox"/>
MAT302	Differential Equations	4	Spring only		<input type="checkbox"/>
Total Program Credits:		69			

Program Notes

- Special admissions requirement
- Eligible North Shore Promise program
- Day program
- The program provides flexibility, enabling students to take courses that are targeted to their engineering career interests – civil, chemical, electrical, environmental, industrial, mechanical, nuclear, or plastics engineering

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 degree is intended to prepare a student upon completion for transfer into a four-year engineering curriculum. Check your receiving institution to determine best credit transfer options.
- Students are strongly encouraged to work with an engineering faculty advisor to select 15 credits of Engineering Electives which will appropriately meet their specific engineering interests and transfer requirements.
- 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.

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