



# NSCC Guided Pathway

2022-23

## Energy Utility Technology (ERD) – Engineering Science & Industrial Technology Pathway Associate in Science • STEM and Education Division

Recommended Course Selection Sequence		Required	Credits	Course Offered	CPL Option	Completion
PRE-ADMISSIONS						
CPS100	Information Technology and Its Applications	Ⓡ	3			<input type="checkbox"/>
IEL101	Electrical Principles 1	Ⓡ	4		X	<input type="checkbox"/>
IEL102	Electrical Principles 2	Ⓡ	4		X	<input type="checkbox"/>
MAT135	Applied Technical Mathematics 1	Ⓡ	4	Fall only		<input type="checkbox"/>
EUT102	Introduction to the Energy Utility Industry	Ⓡ	4		X	<input type="checkbox"/>
EUT104	Generation, Transmission and Distribution	Ⓡ	4			<input type="checkbox"/>
EUT106	Energy Industry Safety	Ⓡ	3		X	<input type="checkbox"/>
EUT108	Energy Industry Practicum/Internship	Ⓡ	3			<input type="checkbox"/>
RECOMMENDED COURSE SELECTION SEQUENCE						
CMP101	Composition 1	Ⓡ	3		X	<input type="checkbox"/>
EUT Directed Elective		Ⓡ	3			<input type="checkbox"/>
MAT136	Applied Technical Mathematics 2	Ⓡ	4	Spring only		<input type="checkbox"/>
CAD101	Principles of Computer-Aided Design 1	Ⓡ	4		X	<input type="checkbox"/>
CMP102-150	Composition 2 Elective	Ⓡ	3		X	<input type="checkbox"/>
EUT Directed Electives		Ⓡ	8			<input type="checkbox"/>
PHY100	Applied Physics	Ⓡ	4			<input type="checkbox"/>
EUT Directed Elective		Ⓡ	4			<input type="checkbox"/>
Total Program Credits:			62			

### Program Notes

- Special admissions requirement

### 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 degree is intended to prepare a student upon completion for a career in the energy industry. The program electives provide students with the flexibility to prepare for entry-level employment in the business, computer, and/or engineering departments of electric utilities.
- 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.
- MAT151/ MAT152 and 2 liberal arts credits may be substituted for MAT135/MAT136.
- PHY101 or higher may be substituted for PHY100.
- 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!