## 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 | | | ☐ |
| IEL101 | Electrical Principles 1 | ® | 4 | | X | ☐ |
| IEL102 | Electrical Principles 2 | ® | 4 | | X | ☐ |
| MAT135 | Applied Technical Mathematics 1 | ® | 4 | Fall only | | ☐ |
| EUT102 | Introduction to the Energy Utility Industry | ® | 4 | | X | ☐ |
| EUT104 | Generation, Transmission and Distribution | ® | 4 | | | ☐ |
| EUT106 | Energy Industry Safety | ® | 3 | | X | ☐ |
| EUT108 | Energy Industry Practicum/Internship | ® | 3 | | | ☐ |
| **RECOMMENDED COURSE SELECTION SEQUENCE** | | | | | | |
| CMP101 | Composition 1 | ® | 3 | | X | ☐ |
| EUT Directed Elective | | ® | 3 | | | ☐ |
| MAT136 | Applied Technical Mathematics 2 | ® | 4 | Spring only | | ☐ |
| CAD101 | Principles of Computer-Aided Design 1 | ® | 4 | | X | ☐ |
| CMP102-150 | Composition 2 Elective | ® | 3 | | X | ☐ |
| EUT Directed Electives | | ® | 8 | | | ☐ |
| PHY100 | Applied Physics | ® | 4 | | | ☐ |
| EUT Directed Elective | | ® | 4 | | | ☐ |
| **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**

### 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** for more information.

**Congratulations NSCC Graduate!**