

## 244.A2 ENGINEERING TECHNOLOGIES (Energy Management) 244.A2 - EUF

### Program planner for Fall 2024 or Later - John Abbott College

The following planner indicates all the courses needed and the usual path to complete your DEC in this program.

| First semester |                            |
|----------------|----------------------------|
| 603-101-MQ     | ENGLISH                    |
| 345-1__-MQ     | HUMANITÉS (fr)             |
| 109-1__-MQ     | PHYSICAL EDUCATION         |
| 201-115-AB     | Mathematical Models I      |
| 244-105-AB     | Introduction to Technology |
| 244-113-AB     | Circuit Assembly           |
| 244-124-AB     | Electric Circuits          |
| 244-144-AB     | Light and Sound            |

| Second semester |                                |
|-----------------|--------------------------------|
| 603-1__-MQ      | ENGLISH                        |
| 602-UF0-MQ      | Oeuvres narratives et écriture |
| 201-225-AB      | Mathematical Models II         |
| 244-204-AB      | Design and Simulation          |
| 244-225-AB      | Electronic Circuits            |
| 244-235-AB      | Control Logic                  |
| 244-255-AB      | Matter and Heat                |

| Third semester |                                  |
|----------------|----------------------------------|
| 603-1__-MQ     | ENGLISH                          |
| 109-1__-MQ     | PHYSICAL EDUCATION               |
| 602-UF1-MQ     | Poésie, théâtre et écriture      |
| 244-315-AB     | Workshop Techniques              |
| 244-335-AB     | Introduction to Control Systems  |
| 244-345-MQ     | Applied Physics Technologies     |
| 244-355-AB     | Thermodynamics and Heat Transfer |
| 244-374-AB     | Introduction to Optics           |

| Fourth semester |                                  |
|-----------------|----------------------------------|
| 602-UF2-MQ      | Comparaison d'œuvres littéraires |
| 345-1__-AB      | HUMANITIES                       |
| 244-414-AB      | Management and Maintenance       |
| 244-435-AB      | Automation and Control           |
| 244-446-AB      | Motion and Energy                |
| 244-465-AB      | Thermal Applications             |
| 244-475-AB      | Materials                        |

| Fifth semester |                                      |
|----------------|--------------------------------------|
| 603-200-AB     | ENGLISH                              |
| 345-2__-AB     | HUMANITIES (ENG)                     |
| 244-536-AB     | Robotics                             |
| 244-555-AB     | Energy Analysis                      |
| 244-586-AB     | Project 1                            |
| 244-596-AB     | Building Construction and Automation |

| Sixth semester |                               |
|----------------|-------------------------------|
| __-__-__       | COURS COMPLÉMENTAIRE (fr)     |
| 109-103-MQ     | PHYSICAL EDUCATION            |
| 244-604-AB     | Manufacturing                 |
| 244-635-AB     | Data Acquisition and Analysis |
| 244-644-AB     | New Technologies              |
| 244-656-AB     | Industrial Energy Audit       |
| 244-686-AB     | Project 2                     |

- Complementary courses: please refer to the Schedule of Classes for Rules/Restriction on complementary courses.
- Students who require a *mise à niveau* English or French course will be required to pass it before they can take their introductory course in English or French.
- Students will be required to pass a Ministerial Exam of Language of Instruction and a Program Comprehensive Assessment.
- All program courses are sequential and require the preceding level course as a pre-requisite.
- For course prerequisites, see the Course Calendar or Schedule of Classes. Both are available at [www.johnabbott.qc.ca](http://www.johnabbott.qc.ca)