

## Building Environmental Systems Operator (*Class II*) Durham College Certificate

### Program of Study 2019/20

- Students starting in the 2019/20 academic year (Sept. - Aug.) must follow the Program of Study shown below.
- If you began your studies prior to the 2019/20 academic year, please contact Continuing Education at 905-721-3052 or [coned@durhamcollege.ca](mailto:coned@durhamcollege.ca) to obtain the Program of Study that applies to your particular start date.
- You will have five years from the start date of your first course to complete this certificate.
- Upon successfully completing the courses below and any additional program specific requirements, you may apply to graduate by visiting the Continuing Education graduation page on our [website](#)
- Not all courses are available every semester. [Click here](#) to visit the program page and view current course availability.
- Tip: Monitor your progress by entering your marks and completion dates in the column provided below.

| Required Courses                             |                |          |                         |                       |                        |
|--|----------------|----------|-------------------------|-----------------------|------------------------|
| Course Name                                  | Course Codes   |          | Pre-Requisite(s)*       | Day School Equivalent | Completion Date & Mark |
| BES: Building Systems : A Practical Overview | Online         | N/A      | *Suggest to take first* | N/A                   |                        |
|  | In Class       | BES 7000 |                         |                       |                        |
|  | Correspondence | N/A      |                         |                       |                        |
| BES: Heating                                 | Online         | N/A      | N/A                     | N/A                   |                        |
|  | In Class       | BES 7010 |                         |                       |                        |
|  | Correspondence | N/A      |                         |                       |                        |
| BES: Air Conditioning & Refrigeration        | Online         | N/A      | N/A                     | N/A                   |                        |
|  | In Class       | BES 7020 |                         |                       |                        |
|  | Correspondence | N/A      |                         |                       |                        |
| BES: Air Handling                            | Online         | N/A      | N/A                     | N/A                   |                        |
|  | In Class       | BES 7030 |                         |                       |                        |
|  | Correspondence | N/A      |                         |                       |                        |
| BES: Electrical                              | Online         | N/A      | N/A                     | N/A                   |                        |
|  | In Class       | BES 7040 |                         |                       |                        |
|  | Correspondence | N/A      |                         |                       |                        |
| BES: Controls                                | Online         | N/A      | N/A                     | N/A                   |                        |
|  | In Class       | BES 7050 |                         |                       |                        |
|  | Correspondence | N/A      |                         |                       |                        |
| BES: Water Treatment                         | Online         | N/A      | N/A                     | N/A                   |                        |
|  | In Class       | BES 7060 |                         |                       |                        |
|  | Correspondence | N/A      |                         |                       |                        |

\*Courses without a pre-requisite(s) can be taken at any time during your Program of Study

## Building Environmental Systems Operator (*Class I*) Durham College Certificate

| Required Courses                          |                |          |                   |                       |                        |
|---|----------------|----------|-------------------|-----------------------|------------------------|
| Course Name                               | Course Codes   |          | Pre-Requisite(s)* | Day School Equivalent | Completion Date & Mark |
| All BES Class II courses                  |                | Various  | n/a               | n/a                   |                        |
| BES: Energy Efficiency in Large Buildings | Online         | N/A      | N/A               | N/A                   |                        |
|   | In Class       | BES 7100 |                   |                       |                        |
|   | Correspondence | N/A      |                   |                       |                        |
| Elective Courses - Choose one             |                |          |                   |                       |                        |
| BES: Pipe Systems Design                  | Online         | N/A      | N/A               | N/A                   |                        |
|   | In Class       | BES 7070 |                   |                       |                        |
|   | Correspondence | N/A      |                   |                       |                        |
| BES: Air Systems Design                   | Online         | N/A      | N/A               | N/A                   |                        |
|   | In Class       | BES 7080 |                   |                       |                        |
|   | Correspondence | N/A      |                   |                       |                        |
| BES: Hospital Building Systems            | Online         | N/A      | N/A               | N/A                   |                        |
|   | In Class       | BES 7090 |                   |                       |                        |
|   | Correspondence | N/A      |                   |                       |                        |

(See next page for Class I Certificate information)