

## Coding Essentials- Durham College Certificate

### *Program of Study 2021/2022*

- Students starting in the 2021/2022 academic year (September - August) must follow the Program of Study shown below.
- If you began your studies **prior to the 2021/2022 academic year**, please contact the Centre for Professional and Part-time Learning at 905-721-3052 or [ppl@durhamcollege.ca](mailto:ppl@durhamcollege.ca) to obtain the Program of Study that applies to your start date.
- You will have a maximum of 15 semesters (5 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 [Centre for Professional and Part-time Learning Convocation webpage](#).
- Not all courses are available every semester. Please visit the [Program webpage](#) to view current course availability.
- Tip: Monitor your progress by entering your marks and completion dates in the column provided below.

### Required Courses (suggested sequence of study)

Course Name	Course Codes		Pre-requisite(s)*	Day School Equivalent	Completion Date & Mark
Programming for Absolute Beginners	Online	PROG 1281	N/A	N/A	
HTML Introduction	Online	PROG 1288	N/A	N/A	
Java Introduction	Online	PROG 3286	N/A	N/A	
Java Intermediate	Online	PROG 4286	PROG 3286	N/A	
Introduction to Project Management	Online	PROJ 1280	N/A	N/A	
Introduction to Python Programming	Online	PROG 2085	N/A	N/A	
Intermediate Python Programming	Online	PROG 3085	PROG 2085	N/A	
Principles of Information Security	Online	SECT 1082	N/A	N/A	
JavaScript	Online	PROG 2283	PROG 1288	N/A	
Database Systems	Online	DATA 3280	PROG 1288 & PROG 2283	N/A	
Dynamic Websites with MEAN	Online	PROG 4281	PROG 1288 & DATA 3280	N/A	

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