



Contact Details:

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Diploma in Engineering and Fabrication Technologies

<p>Certificate in Engineering Foundations</p>	<ol style="list-style-type: none"> 1) ARTS Elective 2) CHEM 1110 The Structure of Matter 3) CMNS 1135 Professional Communications for Engineers* <i>(OR ENGL 1130 Academic Writing - UBC transfer only)</i> 4) CMPT 1110 C++ Programming 5) ENGR 1110 Engineering Graphics and Design* 6) MATH 1120 Calculus I 7) MATH 1220 Calculus II 8) MATH 2232 Linear Algebra 9) PHYS 1110 Mechanics & Heat 10) PHYS 1210 Electromagnetism, Optics, Modern Physics
	<ol style="list-style-type: none"> 11) CMPT 2200 Designing with Raspberry Pi* 12) ENGR 1190 Introduction to Engineering Design* 13) ENGR 2100 Prototype and Practical Skills I: Mechanical Fabrication* 14) ENGR 2200 Prototype and Practical Skills II: Electronics* 15) ENGR 2999 Applied Engineering Project* 16) MATH 2321 Calculus III 17) MATH 2421 Intro to Differential Equations 18) -20) Choose three additional courses from: BUSN 1200, CHEM 1210, CMPT 2300, ENGR 1100, ENGR 1180, MARK 1120* MATH 2260, PHYS 1170

*denotes course in the Fabrication Technologies Certificate (FTC) program. CMPT 1105 is also required for the FTC.