

CC Courses for SFU Applied Sciences / School of Engineering

(July 17, 2018)

Students wishing to transfer need to complete at least 24 credits of transferable coursework, including Math 252, Phys 110, 120, and Apsc 160.

English 100 will satisfy SFU's English Language Proficiency requirement.

Five Engineering Options are available.

The following CC courses are required courses in each option:

Biomedical: Chem 121, 2 Complementary Electives, Apsc 160, Econ 103, Math 113, 114, 213, 252, Phys 110, 120

Computer: Chem 121, 2 Comp. Electives, Apsc 160, Csci 225, 275, Econ 103, Math 113, 114, 213, 221, 230, 252, Phys 110, 120, and 1 Science Elective: Chem 123.

Electronics: Chem 121, 3 Complementary Electives, Apsc 160, Econ 103, Math 113, 114, 213, 230, 252, Phys 110, 120

Engineering Physics: Chem 121, 3 Comp. Electives, Apsc 160, Math 113, 114, 213, 230, 252, Phys 110, 120, Econ 103.

Systems: Chem 121, 3 Comp. Electives, Apsc 160, Csci 225, Econ 103, Math 113, 114, 213, 230, 252, Phys 110, 120

Writing (W) Requirement:

All students must take SFU's Ensc 100 & 105 to satisfy lower level W requirement.

Notes: a) CC's Csci 120 will transfer as either Cmpt 120 or Cmpt 128; Apsc 160 also transfers as Cmpt 128; Cmpt 128 exempts SFU's Cmpt 130; b) CC's Apsc 151 is a 4 credit course at CC but transfers to SFU as Ensc 204, only a 1 credit course.

Complementary Electives:

- Students in the C, E, EP, and S options need two Comp. Electives with at least one course from each of Humanities and Social Sciences. Students in Biomedical need just one Hum course. Choose from the following: B-Hum → Engl 108, 110, 121, 131, Phil 101, 102; B-Soc → Econ 105, Geog 100, Cmns 110, Poli 100, Psys 110, 120, Soci 110.
- Students must take at least one course on Central Issues, Methodology & Thought Process: Crim 150, Econ 105, Engl 108, 110, 121, 131, Geog 100, Hist 110, 120, Phil 101, 102, Psci 100, Psys 110, Soci 110.