

School of University Arts and Sciences

First-Year Engineering Transfer Program Policies

DATE(S):		
1.	Next Policy Review:	2025-04-01
2.	Admissions & Standards Committee Approval:	2021-04-27
3.	Education Council Approval:	2021-05-11
4.	Effective:	2021-09-01
5.	Previous Revision(s):	
CREDENTIAL(S):		Certificate in First Year Engineering Transfer

PROGRAM OUTCOMES (previously program objectives)

Please list your program outcomes below. See policies.selkirk.ca/program for examples

Upon successful completion of this program, students will be able to:

1. explain terms, concepts, and theories of introductory-level science and their potential engineering application.
2. communicate professionally using discipline specific technical language.
3. read, write, and communicate effectively and creatively across technical disciplines.
4. demonstrate developing critical and creative thinking skills.
5. demonstrate developing problem-solving skills.
6. follow laboratory guidelines, processes, and protocols.
7. demonstrate developing applied research skills.
8. apply developing quantitative reasoning skills.
9. explain and apply the scientific method and its relationship to applied science.
10. use current and emerging technology.
11. conduct themselves in a professional and ethical manner in academic and professional environments.

Students in the First-Year Engineering Transfer Program are subject to the overall policies affecting all students at Selkirk College, with the following additions. College policies may be viewed on-line at the College website (policies.selkirk.ca).

PART I: ADMISSIONS

A. ADMISSION REQUIREMENTS

In addition to meeting the general admission requirements to Selkirk College, the applicant must meet the following First-Year Engineering Transfer Program requirements to be considered fully-qualified:

1. Academic
 - a) Chemistry 12, Pre-calculus 12, Physics 12, with a minimum grade of 80% in each course.
 - b) English at the grade 12 level with a minimum grade of 67%.

2. General

NOTE: Applicants may be required to complete the College Readiness Tool (CRT) in reading, writing and mathematics, which will be used for advising purposes to support student success in the program. Program chairs, advisors or counsellors, in consultation with Assessment Services, will determine which subtests of the CRT may be completed to support applicants' personal learning plans.

B. APPLICATION PROCESS

Applicants must submit a completed application form and other required documents (i.e. secondary school and any post-secondary transcripts, application package) to the Registrar's office.

C. ADVANCE OR TRANSFER CREDIT AND PRIOR LEARNING ASSESSMENT

A student may obtain credit for a maximum of 75% of program requirements by transfer credit, advanced placement, prior learning assessment or combination thereof.

D. RE-ENTRY INSTRUCTION:

Reentry is at the discretion of the program unless it contravenes college policy

PART II: ASSESSMENT, PROMOTION AND GRADUATION

A. ASSESSMENT

Grading

1. Grades will be assigned in accordance with Standard Academic and Career Programs Grading Table in Policy 8612.

Types of Assessments (i.e., exams, seminar assignments, essays, reports, group projects, presentations, demonstrations, etc.)

1. Students are evaluated and graded in each subject or course topic as indicated in the respective course outline.
2. Exams, essays, projects, reports, assignments, and other evaluative activities are weighted and averaged as indicated in the respective course outline.

Supplemental Assessment(s)

Supplemental examinations are not available for First-Year Engineering Transfer program courses.

PROMOTION

1. Student academic progress is governed by Policy 8615. Students must meet all course pre-requisites.
2. Students who are found to be without the required graded in the pre-requisite course or who have not received permission from the instructor and School Chair may be withdrawn.

B. GRADUATION

1. Credentials: Certificate in First Year Engineering Transfer
2. Requirements:

Name of Program and Credentials: Year if applicable						
Semester 1			Semester 2			
Course Code	Course	Credit	Course Code	Course	Credit	
ENGR 100	Engineering Design and Communication I	3	ENGR 101	Engineering Design and Communication II	3	
CHEM 120	Chemistry for Engineering	3	MATH 101	Calculus II	3	
CPSC 100	Introduction to Programming I	3	MATH 221	Introductory Linear Algebra	3	
ENGL 110	College Composition	3	PHYS 105	Fundamental Physics II	3	
MATH 100	Calculus I	3	PHYS 200	Principles of Mechanics	3	
PHYS 104	Fundamental Physics I	3	CPSC 101, or TWC 130, or elective*	Introduction to Programming II Technical Writing for Engineers Elective*	3	
Total Semester Credits		18	Total Semester Credits		18	
					Total Year Credits	36
					Total Program Credits	36

*Bachelor of Applied Science (engineering) degree programs may require two semesters of first-year English, **or** one semester of first-year College Composition and one semester of Technical Writing and Communications (TWC 130), **or** one semester of College Composition and Introduction to Programming II (CPSC 101), **or** one semester of College Composition and a humanities elective. Check the appropriate university calendar for details and/or see a Selkirk College counsellor.

PART III STUDENT CONDUCT (See also College Policy 3400: Student Code of Conduct)

A. ATTENDANCE

Students absent from class for any reasons are responsible for the work they have missed. They must make up assignments as required, usually within two weeks of the missed class. It is the student's responsibility to contact the instructor when an absence is required.

Part IV COLLEGE POLICIES RELEVANT TO ACADEMIC AND STUDENT AFFAIRS:

Policy 3400: Student Code of Conduct

Policy 6550: Protection of Privacy

Policy 8400: Student Appeals

Policy 8600: Pre-Admissions Basic Skills Assessment

Policy 8611: Admission

Policy 8612: Grading

Policy 8613: Evaluation of Student Learning

Policy 8614: Advanced Standing – Course Challenge, PLA, Transfer Credit

Policy 8615: Standards of Academic Progress

Policy 8616: Student Withdrawals and Refunds

Policy 8617: Credentials and Graduation

Policy 8618: Cheating and Plagiarism

Policy 8619: Student Probation

Policy 8620: Interdisciplinary Studies