

Transfer Agreement
between
the University of Alberta Faculty of Engineering
and
College of the Rockies

1. Purpose and definitions

This agreement is between College of the Rockies (“COTR”) and the University of Alberta Faculty of Engineering (“U of A”) for Engineering program transfer from COTR’s Engineering certificate program to U of A’s Bachelor of Science in Engineering programs.

- This formal agreement is based on a transfer equivalency between the first-year curriculum at COTR and that of the U of A Engineering program. COTR transfer students will be required to complete PHYS 130 at U of A. This may impact their scheduling for the entirety of the program.
- U of A Engineering agrees to post information on its website regarding the COTR Engineering Certificate program, and U of A will promote the transfer program option when meeting with high schools. The COTR Engineering Certificate program agrees to post information on its website regarding the U of A Engineering program, and promote this transfer option to its students.
- Academic terms in the agreement follow the U of A standard (Fall – September to December, Winter – January to April, Spring – May to June, Summer – July to August).

2. COTR Engineering Certificate program Eligibility as a Prospective U of A Engineering Transfer Student

To qualify at COTR as a prospective U of A Engineering transfer student, candidates must demonstrate high school graduation (or equivalent) with the following Alberta/BC courses or their out-of-province or international equivalents prior to entering the U of A transfer program:

Table A: Secondary-Level Course Requirements for Admission to COTR Engineering Certificate Program

Alberta Curriculum	BC Curriculum
Chemistry 30	Successful completion of Chemistry 12 or equivalent.
English Language Arts 30-1	English 12 with a minimum total grade of 75%. Note IELTS option for international students: an overall score of 6.5 and no band less than 6.0
Math 30-1	Successful completion of Pre-Calculus 12 or equivalent
Math 31	Successful completion of Calculus 12 or equivalent

Physics 30	Successful completion of Physics 12 or equivalent.
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Under this agreement, COTR will accept applications from prospective U of A transfer students through the Engineering Certificate program. Conditional COTR acceptance as a prospective U of A transfer student may be granted on the basis of interim grades. Final grades must be provided to COTR by July 31 of the year the student will be starting transfer program at COTR.

Both domestic and international students may be admitted to COTR as prospective U of A transfer students provided they successfully complete the secondary-level courses (or equivalents) identified in Table A above. For international students, equivalency may be determined through a COTR Transfer Application or through the International Credential Evaluation Service (ICES).

As English is the primary language of instruction for all programs, all applicants to the University of Alberta Faculty of Engineering need an adequate level of English Language Proficiency (ELP) prior to admission, regardless of citizenship status or country of origin.

For students applying from within Canada or from a country/institution where the primary language of instruction is English, the ELP requirement is generally met through proof of a minimum of three years of full-time study in English. If a student is required to present proof of ELP, they will be notified online through their Launch Pad To Do List.

For a comprehensive listing of how applicants can meet the ELP requirement, including required TOEFL and IELTS scores, please visit: www.ualberta.ca/admissions/international/admission/admission-requirements/language-requirements.

3. Relevant COTR Engineering Certificate Program Courses

The following table presents courses offered through the COTR Engineering Certificate program which have been assessed as transferable towards the first year Engineering courses at the U of A.

Table B: U of A and COTR Course Equivalencies

COTR Engineering Certificate program Course Title	U of A Faculty of Engineering Course Title	Engineering Unit Weight
CHEM 101-Fundamentals of Chemistry 1	CHEM 103	4.3
CHEM 102-Fundamentals of Chemistry 2	CHEM 105	3.8
COMP 105-Introduction to Programming in the C and C++ Language	ENCMP 100	3.8
ENGR 101/ENGR 102 Engineering Design 1/Engineering Design 2 ENGL 100/COMC 102 English Composition/Advanced Professional Communication	ENGG 100	1.1
ENGR 102-Engineering Design 2	ENGG 160*	2.0
ENGR 141-Engineering Statics and Dynamics	ENGG 130**	4.0
MATH 103-Differential Calculus	MATH 100	3.5
MATH 104-Integral Calculus	MATH 101	3.5
MATH 221-Elementary Linear Algebra	MATH 102	3.5
PHYS 103-Introduction to Physics 1	EN PH 131	4.3

Must be completed at U of A	PHYS 130	3.8
ENGL 100-English Composition	English 199	3.0

* must be taught by a licensed professional engineer (P.Eng.)

** must, at a minimum, be co-taught by a licensed professional engineer (P.Eng.) who addresses various curricular applications to Engineering: rotational motion, the effect of vibration on structure, mechanics, etc. The Engineer must deliver approximately 9–10 hours of lecture-based course content.

4. Admission to Second-Year Engineering at the U of A

The U of A Faculty of Engineering guarantees admission into a second-year engineering program provided students in the COTR Engineering Certificate program meet the following requirements:

- A) *Attempt* 30.0 units of graded transferable coursework in the Fall and Winter terms (failing and non-transferable grades will be considered as attempts).
- B) Achieve a 2.5 or higher GPA (COTR GPA of 4.5) on the transferable Fall/Winter coursework. This standard will be reviewed on a yearly basis and set collaboratively between the institutions. In no circumstances will a GPA less than 2.3 (COTR GPA of 4.0) be considered.
- C) *Transfer* 30.0 units of graded coursework in the Fall, Winter and spring terms. Courses with a grade less than C- are not considered transferable.

COTR students can still be admitted into programs if they fall below 30.0 units of transferable coursework in the Fall/Winter by taking courses in the Spring term (either at COTR or the U of A), however the grades from the spring courses will not be included in the calculation of a students' GPA for the purposes of admission.

Students are admitted into disciplines on a competitive basis determined by their Program Admission Factor (PAF) calculated based on GPA and number of Units of Attempted Coursework in Fall/Winter.

Under all circumstances, COTR students must complete the requirements of the qualifying year of Engineering in one calendar year. Students who do not meet the admission requirements will not be admitted into the Faculty of Engineering at the University of Alberta.

All students applying to the Faculty of Engineering at the U of A must follow the standard application procedures at the U of A, including applying for admission by the application deadlines, and submitting all requested documents by the standard document deadline. Information for which are provided on the U of A website.

5. Program-Based Placement in Second-Year Engineering at the U of A

In Fall, the Faculty of Engineering will provide video information to all prospective COTR transfer students about Engineering programs.

The U of A Faculty of Engineering consists of over 30 Engineering programs (including options). Student placement into specific U of A Engineering programs at the second-year level is determined on a competitive basis according to GPA and course load.

Given that the minimum transfer requirement for admission into a second-year Engineering program at the U of A is 30 units, COTR transfer students do not necessarily need to attempt and transfer all of the COTR courses listed in Table B. However, COTR transfer students will maximize their second-year placement status at the U of A by taking all of the listed COTR courses and by achieving strong grades in each course. Not completing all of the COTR courses in Table B may extend a student's program by a year.

6. Duration of Agreement

This agreement is effective for transfer to U of A starting in the 2022/23 academic year and will be reviewed annually with respect to curriculum, course equivalencies, transfer admission criteria (including minimum GPA), timeliness, etc. Major changes to this agreement (including its cancellation) will require a minimum of **two years** notice to either party.

7. Official Record of Agreement

In lieu of a Memorandum of Agreement signed by the parties, the official record of this agreement will be maintained and published by the BC Council on Admissions and Transfer.

8. Institutional Representative Signatures

The COTR – U of A Engineering Transfer agreement is signed on behalf of:



Paul Vogt
College of the Rockies
CEO and President

March 24, 2022

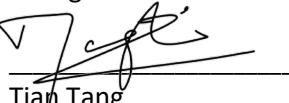
Date



Robin Hicks
Vice President, Academics and Applied Research
College of the Rockies

March 23, 2022

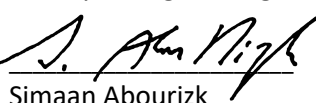
Date



Tian Tang
Associate Dean, Programs and Planning
Faculty of Engineering, University of Alberta

March 24, 2022

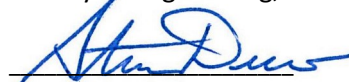
Date



Simaan Abourizk
Dean, Faculty of Engineering
Faculty of Engineering, University of Alberta

March 24, 2022

Date



Steven Dew
Provost and Vice President Academic
University of Alberta

March 24, 2022

Date