

## North Island College (NIC) - University of Victoria (UVic) Engineering Transfer

North Island College (NIC), founded in 1975, is a fully accredited public post-secondary institution that enrolls nearly 10,000 students per year in a variety of credit classes and programs. NIC has four campuses located throughout northern Vancouver Island and BC mainland coast, including Campbell River, Comox Valley, Port Alberni and Port Hardy.

- This transfer agreement provides for direct transfer to second-year Engineering at the University of Victoria (UVic). Individual course equivalencies, established in the BC Transfer Guide, form the foundation of this agreement. Students in NIC take all first year Bachelor of Engineering courses, except ENGR 130, then transfer to UVic at the beginning of their second year
  - ENGR 130 (Introduction to Professional Practice) is a course completed by all students in the BEng program soon after they begin the UVic program. NIC students will take this course after transfer to UVic.
- This transfer agreement features guaranteed admission to the second year of one of the Bachelor of engineering programs for students who have successfully completed all of the courses in the agreement<sup>1</sup> with a minimum UVic GPA of C+ (or UVic 3.0 or NIC 2.33) and who have no courses with grades less than C.
- NIC applicants will compete on an equal footing with UVic students for placement in their chosen program: Biomedical, Civil, Computer, Electrical, Mechanical or Software, which begin in second year. Where any program is oversubscribed, competitive grades<sup>1</sup> are considered. Students whose grades are not competitive to gain admission in their first choice of program will be offered an alternate program.
- The Faculty of Engineering expects this agreement will yield between 18 and 25 transfer applications per admission cycle.

This transfer agreement and transferred articulations will be reviewed annually with respect to calendar changes and expires in five (5) years from the date of signing.



Dr. Neil Cruickshank  
Dean  
Arts, Science & Technology  
North Island College



Dr. Peter Wild  
Acting Dean  
Faculty of Engineering  
University of Victoria

Date 21 June 2021

Date 1 June 2021

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<sup>1</sup> Schedule permitting and on the advice of the Engineering Transfer program's advisor, students are encouraged to consider other Engineering program required courses, that are beyond those in this agreement. Note that any such courses on a student's transcript, will also be used to determine program admissibility and the competitive admission GPA. They could affect the admission guarantee.

**Engineering Transfer Program, North Island College to the University of Victoria  
Course Equivalency Chart**

University of Victoria		North Island College		
First Year		First Year		
Term 1A		NIC Course	UVIC Equivalent	Justification
CSC 111	Fundamentals of Programming with Engineering Applications	CPS 100 or CPS 102 or CPS 114	CSC 110 <sup>1</sup>	BCCAT BCCAT BCCAT
ENGR 130 <sup>2</sup>	Introduction to Professional Practice	No transfer <sup>2</sup>		
ENGR 110 <sup>3</sup>	Design and Communication I	ENG 115 or ENG 116 or ENG 117	ATWP 135 <sup>3</sup>	BCCAT BCCAT BCCAT
MATH 100	Calculus I	ENR 100	ENGR 112 <sup>3</sup>	BCCAT
MATH 110	Matrix Algebra for Engineers	MAT 181	MATH 100	BCCAT
PHYS 110	Introductory Physics I	MAT 133 or MAT 200	MATH 211 <sup>4</sup>	BCCAT BCCAT
Term 1B		PHY 120 & 121 <sup>5</sup>	PHYS 110 & 111 <sup>5</sup>	BCCAT
CHEM 150 or CSC 116	Engineering Chemistry or Fundamentals of Programming with Engineering Applications II	CHE 152 <sup>8</sup> or CHE 110 <sup>8</sup> or CPS 101 <sup>8</sup>	CHEM 150 or CHEM 101 <sup>6</sup> or CSC 115 <sup>7</sup>	BCCAT BCCAT BCCAT
ENGR 120 <sup>9</sup>	Design and Communication II	ENG 160	ENGL 225 <sup>9</sup>	BCCAT
ENGR 141	Engineering Mechanics	ENR 101	ENGR 121 <sup>9</sup>	BCCAT
MATH 101	Calculus II	PHY 141 or PHY 170	ENGR 141	BCCAT BCCAT
PHYS 111	Introductory Physics II	MAT 182	MATH 101	BCCAT
		PHY 120 & 121 <sup>5</sup>	PHYS 110 & 111 <sup>5</sup>	BCCAT

Notes:

1. UVIC CSC 110 replaces CSC 111 requirement in the UVic program.
2. UVIC ENGR 130 must be completed by all students in the program in their first term at UVic.
3. UVIC ATWP 135 and ENGR 112 replaces the ENGR 110 requirement in the UVic program.
4. UVIC MATH 211 replaces the MATH 110 requirement in the UVic program.
5. NIC PHY 120 and 121 = UVIC PHYS 110 and 111.
6. UVIC CHEM 101 replaces the CHEM 150 requirement in the UVic program.
7. UVIC CSC 115 replaces the CSC 116 requirement in the UVic program.
8. Students targeting the UVic Bachelor of Software Engineering (BSEng) program should take NIC CPS 101 in place of NIC CHE 152 or CHE 110.
9. UVIC ENGL 225 and ENGR 121 replace the ENGR 120 requirement in the UVic program.