



## NLC Certificate in Engineering Studies Planning Worksheet\*

### Fall Semester

Course Name	Description	Completed	Grade	Credit
<b>CHEM 103</b>	<i>Fundamentals of Chemistry I</i>			<b>4</b>
<b>CPSC 122</b>	<i>Introduction to Object Oriented Programming C++</i>			<b>3</b>
<b>ENGL 100</b>	<i>Academic Writing</i>			<b>3</b>
<b>MATH 101</b>	<i>Calculus I</i>			<b>3</b>
<b>PHYS 103</b>	<i>Mechanics (Calculus)</i>			<b>4</b>

### Winter Semester

Course Name	Description	Completed	Grade	Credit
<b>ENGL 110</b>	<i>Introduction to Workplace Communications</i>			<b>3</b>
<b>MATH 102</b>	<i>Calculus II</i>			<b>3</b>
<b>MATH 152</b>	<i>Introductory Linear Algebra</i>			<b>3</b>
<b>**NCIT 212</b>	<i>Object Oriented Programming II (UVIC Transfer)</i>			<b>3</b>
<b>PHYS 104</b>	<i>Electromagnetism and Waves (Calculus)</i>			<b>4</b>

**Total Credits:**

**/30**

**\*Note:** Students can seek advice on academic planning from the Program Chair. Ultimately, it is the responsibility of the student to register for courses and to ensure that they have the pre-requisite courses where necessary as found on the NLC website at <http://www.nlc.bc.ca/Programs/All-Courses>. Not all courses are offered every year. To ensure availability of courses, we recommend that students consult NLC's Fall and Winter Academic timetables at <http://www.nlc.bc.ca/Programs/Academic-and-Vocational-Programs/University-Arts-and-Sciences-Timetables>.

**\*\*Note for students applying to other institutions:**

Northern Lights College has a transfer agreement with the University of Victoria. For course-by-course transfer to other institutions in British Columbia, students may consult the BC Transfer Guide.



It is the student's responsibility to determine the courses required by the institution to which they hope to apply their NLC credits.

**Link to UVIC agreement:** [http://www.nlc.bc.ca/Portals/0/documents/Programs/UVic\\_Transfer\\_Pathway.pdf?ver=2017-10-26-170710-053](http://www.nlc.bc.ca/Portals/0/documents/Programs/UVic_Transfer_Pathway.pdf?ver=2017-10-26-170710-053)

The following table shows how NLC courses may be used for transfer equivalency to fulfill first-year Engineering requirements at UVic:

**Table of UVic and NLC Course Equivalencies**

UVic Course	NLC Course	Justification
CSC 110	<b>CPSC 122</b>	BC Transfer Guide
ENGR 130	<i>No transfer. NLC students will take ENGR 130 after transferring to UVic.</i>	
ENGL 135	<b>ENGL 100</b>	BC Transfer Guide
ENGR 112	<i>No transfer. NLC students will take ENGR 112 after transferring to UVic</i>	
MATH 100	<b>MATH 101</b>	BC Transfer Guide
Math 211	<b>MATH 152</b>	BC Transfer Guide
PHYS 110 and PHYS 111	<b>PHYS 103 and PHYS 104</b>	BC Transfer Guide
CHEM 101	<b>CHEM 103</b>	BC Transfer Guide
CSC 115	<b>NCIT 212</b>	BC Transfer Guide
ENGL 225	<b>ENGL 110</b>	BC Transfer Guide
ENGR 121	<i>No transfer. NLC students will take ENGR 121 after transferring to UVic</i>	
ENGR 141	<i>No transfer. NLC students will take ENGR 141 after transferring to UVic</i>	
MATH 101	<b>MATH 102</b>	BC Transfer Guide