

## Items approved by Education Council November 2, 2017

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<b>International Education:</b> R Boris
<b>Registrar's Office:</b> J Muskens, A Hickey, L Rozniak, C Schneider, K Otko
<b>Public Affairs:</b> A Coyle

**Current:**

This course is designed to prepare students for further study in mathematics including calculus and

**New course**

**Implementation date:** January 2018

**Costs:** n/a

**COSC 471 – 3 – 6      Software Engineering Project**

**Course revision:**

Course description

Prerequisite

**Rationale:**

The current prerequisites for COSC 471 indicate COSC 310 or COSC 470. COSC 310 does not exist and was removed from the calendar several years ago. The prerequisite for this course needs to be updated.

**Calendar description:**

**Current:**

This course involves the design, implementation and test of a large software system, using a team approach. Students will require significant out-of-class time to complete this course successfully. This course is to be taken in the final year of the BCIS degree.

**Proposed:**

This course involves the design, implementation and test of a large software system, using a team approach. Students will require significant out-of-class time to complete this course successfully. This course is to be taken in the final year of the BCIS degree.

**Prerequisites:**

	<b>Current</b>	<b>Proposed</b>
<b>Prerequisites</b>	COSC 310 or COSC 470 or fourth-year standing	COSC 470 or fourth-year standing



## Civil Engineering Technology Diploma

### Program revision:

Program outline

Revision of courses

### Rationale:

The "Suggested Okanagan College Electives" section in the Civil Engineering Program Outline currently offers transfer options for UBCO Engineering students who wish to enroll in the Civil Engineering Technology Program at Okanagan College. The department would like to remove this option. The change to the lab hours more accurately reflects the following; what is currently done for the courses, to facilitate better scheduling, and to allow the students more hands on experiences in the laboratory.

### Program outline:

Current	Proposed
<p><b>Semester One</b>  <a href="#">CIEN 131</a> Drafting I  <a href="#">CIEN 139</a> Construction Surveying 1  <a href="#">CIEN 133</a> Concrete Technology (2,2,0)  <a href="#">CIEN 134</a> Statics and Strength of Materials I  <a href="#">CIEN 136</a> Applications for Engineering Principles  <a href="#">COSC 115</a> Microcomputer Orientation  <a href="#">CMNS 133</a> Technical Writing and Communications I  <a href="#">MATH 113</a> Mathematics for Civil Engineering Technology I                      Co-op Education/Employment Seminar</p>	<p><b>Semester One</b>  <a href="#">CIEN 131</a> Drafting I  <a href="#">CIEN 139</a> Construction Surveying 1  <a href="#">CIEN 133</a> Concrete Technology (2,3,0)  <a href="#">CIEN 134</a> Statics and Strength of Materials I  <a href="#">CIEN 136</a> Applications for Engineering Principles  <a href="#">COSC 115</a> Microcomputer Orientation  <a href="#">CMNS 133</a> Technical Writing and Communications I  <a href="#">MATH 113</a> Mathematics for Civil Engineering Technology I                      Co-op Education/Employment Seminar</p>
<p><b>Semester Two</b>  <a href="#">CIEN 141</a> Drafting II  <a href="#">CIEN 149</a> Construction Surveying 2  <a href="#">CIEN 143</a> Highway Material Testing I (2,2,0)  <a href="#">CIEN 144</a> Statics and Strength of Materials II  <a href="#">CIEN145</a>Elementary Hydraulics  <a href="#">CIEN 147</a> Software Applications for Engineering Technology  <a href="#">CIEN 148</a> Structural Design  <a href="#">MATH 123</a> Mathematics for Civil Engineering Technology II                      CIEN 101 Co-op Work Term I (May - August) 4 months                      CIEN 102 Co-op Work Term II (September - December) 4 months</p>	<p><b>Semester Two</b>  <a href="#">CIEN 141</a> Drafting II  <a href="#">CIEN 149</a> Construction Surveying 2  <a href="#">CIEN 143</a> Highway Material Testing I (2,3,0)  <a href="#">CIEN 144</a> Statics and Strength of Materials II  <a href="#">CIEN 145</a> Elementary Hydraulics  <a href="#">CIEN 147</a> Software Applications for Engineering Technology  <a href="#">CIEN 148</a> Structural Design  <a href="#">MATH 123</a> Mathematics for Civil Engineering Technology II                      CIEN 101 Co-op Work Term I (May - August) 4 months                      CIEN 102 Co-op Work Term II (September - December) 4 months</p>
<p><b>Semester Three</b>  <a href="#">CIEN 231</a> Watershed Management  <a href="#">CIEN 232</a> Construction Estimating  <a href="#">CIEN 233</a> Engineering Soils  <a href="#">CIEN 234</a>(1) Structural Design in Wood [remove superscript 1]  <a href="#">CIEN 235</a>(1) Municipal Design (2,2,0) [and remove superscript 1]  <a href="#">CIEN 236</a>(1) Highway Materials Testing II (2,2,0) [and remove superscript 1]</p>	<p><b>Semester Three</b>  <a href="#">CIEN 231</a> Watershed Management  <a href="#">CIEN 232</a> Construction Estimating  <a href="#">CIEN 233</a> Engineering Soils  <a href="#">CIEN 234</a> Structural Design in Wood [remove superscript 1]  <a href="#">CIEN 235</a> Municipal Design (2,2.5,0) [and remove superscript 1]  <a href="#">CIEN 236</a> Highway Materials Testing II (1,3,0) [and remove superscript 1]  <a href="#">CIEN 237</a> Design of Urban Road Systems</p>



**New course**

**ANIM 101**

**Co-op Work Term**

**Rationale:**

Creation of a course code to recognize student participation in co-op work term

**Prerequisites:**

Be registered full-time in the Animation program

Successfully complete all first-year courses in the Animation program with a minimum grade of 60%.

**Implementation date:** January 2018

**Costs:** Co-op fee of \$86.15

**Animation Diploma**

**Program revision:**

Program outline

Revision of courses

**Rationale:**

The Animation program would like to add the option of Co-op Education to the program. This co-op work term would occur between the first and second year of the program.

**Program outline:**

The Co-op work term will take place from May to August, available after year one and before the start of year two of the program.

**Proposed date of implementation:** January 2018

**Costs:** n/a