

## Education Council – Motions Carried December 2, 2021

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<b>Student Services:</b> J Coble
<b>OC Students Society:</b> Presidents, OC Student Union and Vernon Student Association
<b>Education Council:</b> C Newitt, D Marques

Education Council met on December 2, 2021 and approved the following:

### **Academic Courses**

#### **Science, Technology & Health**

##### **Revised courses:**

##### **1. PHYS 202 Engineering Mechanics I**

###### **Proposal Rationale**

PHYS 202 is an Engineering Mechanics course, and part of the Common First Year Engineering (CFYE) curriculum. Students in that programme take it in the Winter semester of their first year at the College. The existing course description is from a time when PHYS 202 was offered in fall, and students were encouraged to take it in their second year. We have improved the course description to reflect better the current content of the course, and also changed the pre- and co-requisites to align with the core physics and mathematics courses in the CFYE programme.

##### **2. PHYS 215 Thermodynamics**

###### **Proposal Rationale**

Second year physics courses tend to require skills learned in first year Calculus courses. The addition of MATH 122 or MATH 147 as a prerequisite makes it clear that integration skills are necessary for students to succeed in this course. MATH 147 is taken by students in the Electronics Engineering Bridge programme, which is why MATH 122 is not a sufficient prerequisite for all students taking PHYS 215.

### **3. MATH 221 Introduction to Linear Algebra**

#### **Proposal Rationale**

The following course was approved as part of the OC UBCO bridge program changes last year. Thus, the prerequisite requirements need to be adjusted to allow these students to take the course.

### **4. STAT 230 Elementary Applied Statistics**

#### **Proposal Rationale**

The following course was approved as part of the PBDHA program. Thus, the entrance/prerequisite requirements need to be adjusted to allow these students to take the course.

### **5. STAT 310 Regression Analysis**

#### **Proposal Rationale**

The following course was approved as part of the PBDHA program. Thus, the entrance/prerequisite requirements need to be adjusted to allow these students to take the course.

### **6. STAT 311 Modern Statistical Methods**

#### **Proposal Rationale**

The following course was approved as part of the PBDHA program. Thus, the entrance/prerequisite requirements need to be adjusted to allow these students to take the course.

### **7. DSCI 300 Data Wrangling and Visualization**

#### **Proposal Rationale**

The following course was approved as part of the PBDHA program. Thus, the entrance/prerequisite requirements need to be adjusted to allow these students to take the course.

### **8. DSCI 310 Mathematics Computation**

#### **Proposal Rationale**

The following course was approved as part of the PBDHA program. Thus, the entrance/prerequisite requirements need to be adjusted to allow these students to take the course.

### **Strategic Plan**

- Education Council recommended the **Strategic Plan** to the Board of Governors as presented.