

**Okanagan College Education Council
Minutes of Thursday, March 7, 2019 4:00 pm
Room S 103B Student Services Boardroom – Kelowna Campus**

Draft

Present: A Hay, R Johanson, D Marques, C Newitt, R Tyner, K Douglas, A Krebs, N Lee-Ran, C Farrow, A Lang, M Kananga, R Sawatzky, B Burge, R Alejandre, D Freeman, D Silvestrone (at 4:16), N Davis, N Bowman, T Walters

Regrets: W Gillett, J Hamilton, S Cook

Absent:

Guests: C Bransfield, M Rode, R Huxtable, L Thurnheer, K Langedyk, R Stutz, D Williams, J Hobart, J Lister

Recorder: M Welsh

1. Determination of Quorum and Call to Order

C Newitt called the meeting to order at 4:04 pm

2. Adoption of the Agenda

Motion: R Johanson/ R Alejandre

That Education Council approves the agenda as presented.

- Item 5.4, the Emerita/Emeritus Status policy has been withdrawn from the agenda and will be back at a later date.

Carried

3. Approval of the Minutes

Motion: A Krebs/ C Farrow

That Education Council approves the minutes of the February 7, 2019 Education Council meeting as presented.

Carried

4. Business Arising

5. /F3 9.96 Tf1 0 0 1 90.024 259.25 Tm0 g012 792792 rA

- The member wondered about having an expiry date for certain math requirements. C Bransfield reiterated that he had matched the existing language and was unaware of any issues the registrar's office experienced regarding this issue.
- A Hay advised that the current calendar language might not have been updated yet to reflect the new K-12 entrance requirements. This issue will be resolved once the calendar language is updated through the omnibus motion from November's Education Council meeting.

Carried

b. **New program: Carpenter Foundation**

Motion: A Lang/ K Douglas

That Education Council approves the new program: Carpenter Foundation as

A member requested that the CRSA be notified of the agenda item. (The agenda item was not on the agenda.)

- M Rode noted that this program was to address an error from two years ago, when the new calendar descriptions were missed. **Carried**
- A member questioned why the cost was not noted in the agenda. M Rode explained that the cost is the same as what the current proet

c. New course: CMNS 215 Public Speaking

Motion: R Tyner/ D Silvestrone

That Education Council approves the new course: CMNS 215 Public Speaking as recommended by the CPRC – AFP.

- R Huxtable explained that this course will be taught as a lecture and seminar. The subject matter in the course fills a gap in the department programming, as public speaking is very important for communications. The course is also a good arts elective for a variety of other programs. The course readings will be reviewed annually to remain current.
- After a question from a member, R Huxtable noted that this course has run before as a special topics course to test student interest.

Carried

d. New course: CMNS 370 Games in Everyday Life

Motion: R Johanson/ D Marques

That Education Council approves the new course: CMNS 370 Games in Everyday Life as recommended by the CPRC – AFP.

- R Huxtable explained that the course is a reflection of the interests of a number of faculty members and it fills a niche in the department.
- A member questioned why the implementation date was not until 2020. R Huxtable noted that this was due to the course's link to the applied degree as well as not having room in the budget to offer the course until next year.

Carried

5.3 CPRC – STH Curriculum

a. New course – ENGR 101 Engineering Design I

Motion: D Silvestrone/ A Krebs

That Education Council approves the new course: ENGR 101 Engineering Design I as recommended by the CPRC – STH.

- K Langedyk gave an overview of both ENGR 101 and ENGR 111. In 2014, the Engineering Articulation Committee indicated a gap in the first year curriculum. ENGR 101 and 111 fill this gap.
- A member questioned the break down of the contact hours. K Langedyk confirmed that both courses will have a two hour lecture and a two hour lab.

Carried

b. New course – ENGR 111 Engineering Design II

Motion: R Johanson/ K Douglas

That Education Council approves the new course: ENGR 111 Engineering Design II as recommended by the CPRC – STH.

- As above

Carried

c. Course revision – PHYS 215 Thermodynamics

Motion: R Alejandre/ M Kananga

That Education Council approves the course revisio

d. **New course – PHYS 126**
Motion:

Physics for Electronics Engineering Technology

- g. New course – ELEN 153** **Fundamentals of the Internet of Things**
Motion: R Johanson/ K Douglas
That Education Council approves the new course: ELEN 153 Fundamentals of the Internet of Things as recommended by the CPRC – STH.
- D Williams noted that the Internet of Things is a broad topic and this course gives students a good base.
- Carried**
- h. New course – ELEN 213** **Engineering Project Management**
Motion: T Walters/ D Silvestrone
That Education Council approves the new course: ELEN 213 Engineering Project Management as recommended by the CPRC – STH.
- D Williams explained that when the department met with industry, they indicated that students needed more training in the area of project management. This course ties in nicely with the final project course, ELEN 227. Having this course in first semester allows students to define their project here and then jump right in to ELEN 227, instead of spending time figuring out their project.
- Carried**
- i. New course – ELEN 240** **Fundamentals of Communication Systems**
Motion: A Lang/ R Alejandro
That Education Council approves the new course: ELEN 240 Fundamentals of Communication Systems as recommended by the CPRC – STH.
- D Williams noted that students will learn the basics of communications in this course. This course will replace ELEN 145. The course is offered in second year as the department found students needed more understanding of circuits before they could address communications.
 - A member noted a typo in the calendar description.
 - Members discussed the use of acronyms in calendar descriptions. C Newitt noted that this was a question for the CCC committee.
- Carried**
- j. New course – ELEN 250** **Analog Communication Systems**
Motion: A Krebs/ R Alejandro
That Education Council approves the new course: ELEN 250 Analog Communication Systems as recommended by the CPRC – STH.
- This is second course in communications systems stream. Communications systems content has been split into ELEN 250 and ELEN 251.
- Carried**
- k. New course – ELEN 251** **Digital Communication Systems**
Motion: R Johanson/ C Farrow
That Education Council approves the new course: ELEN 251 Digital Communication Systems as recommended by the CPRC – STH.
- This third course in the communications systems stream focuses on aspects of digital communication.
- Carried**

- i. New course – ELEN 273 Applications of the Industrial Internet of Things**
Motion: M Kananga/ C Farrow
That Education Council approves the new course: ELEN 273 Applications of the Industrial Internet of Things as recommended by the CPRC – STH.
- ELEN 153, 263, and 273 are part of the industrial data communications and networking stream. This course takes what students learn in ELEN 153 and 253 and puts them together for students to work on some sort of application.
- Carried**
- m. Course revision: ELEN 116 Programming and Interfacing**
Motion: R Tyner/ A Lang
That Education Council approves the course revision: ELEN 116 Program and Interfacing as recommended by the CPRC – STH.
- An hour is being added to the lecture component of this course, which will balance the content amongst the four courses in the microcontroller and programming stream.
- Carried**
- n. Course revision: ELEN 126 Digital Electronics**
Motion: N Bowman/ R Sawatzky
That Education Council approves the course revision: ELEN 126 Digital Electronics as recommended by the CPRC – STH.
- This course is being moved to first semester and will be simplified. Digital electronics is no longer a program strength, so advanced topics have been removed from the course, the hours have been reduced, and only the fundamentals will be taught for students to move on to the microcontroller course.
- Carried**
- o. Course revision: ELEN 130 Electrical Circuits**
Motion: A Krebs/ N Lee-Ran
That Education Council approves the course revision: ELEN 130 Electrical Circuits as recommended by the CPRC – STH.
- Redundant topics have been removed and other topics redistributed to change the contact hours. The increased lab hours will accommodate the removal of the extended semester.
- Carried**
- p. Course revision: ELEN 140 Electrical Circuits II**
Motion: A Lang/ D Silvestrone
That Education Council approves the course revision: ELEN 140 Electrical Circuits II as recommended by the CPRC – STH.
- This is the second half of ELEN 130 and was originally in the extended semester. MATH 137 will now be a prerequisite for this course.
- Carried**
- q. Course revision: ELEN 142 Fabrication II**
Motion: D Silvestrone/ A Krebs
That Education Council approves the course revision: ELEN 142 Fabrication II as recommended by the CPRC – STH.
- This course will now be Fabrication I. This is the theoretical, design portion of the fabrication stream.
- Carried**
- r. Course revision: ELEN 146 Electronic Circuits**
Motion: R Johanson/ C Farrow

That Education Council approves the course revision: ELEN 146 Electronic Circuits as

student's qualifying degree is their entrance into the program. The program is 20 courses and the students would work with the chair to determine what courses

ee. Course revision: MATH 251 (COSC 221) Introduction to Discrete Structures

Motion: D Silvestrone/ N Davis

That Education Council approves course revision: MATH 251 (COSC 221) Introduction to Discrete Structures as recommended by the CPRC – STH.

- MATH 314 is being added as a prerequisite. J Hobart noted that the courses listed as prerequisites show mathematical maturity.

Carried

ff. Course revision: MATH 314 Calculus and Linear Algebra with Business Applications

Motion: R Tyner/ N Davis

That Education Council approves course revision: MATH 314 Calculus and Linear Algebra with Business Applications as recommended by the CPRC – STH.

- Admission into the Post-Baccalaureate Diploma in Marketing and Data Analytics is being added as a prerequisite.

Carried

gg. Course revision: STAT 230 (BIOL 202) Elementary Applied Statistics

Motion: D Silvestrone/ A Lang

That Education Council approves course revision: STAT 230 (BIOL 202) Elementary Applied Statistics as recommended by the CPRC – STH.

- As above.
- A Hay noted that the prerequisite did not need to mention "Okanagan College". The same change will be made for MATH 314 and STAT 310.

c. CCC Committee

- C Newitt explained that with the changings going through with the new software, the CCC committee will have to be reformed. This is the committee that makes decisions on the rules for workflow for curriculum to make sure that any decisions Education Council makes are fully informed.
-

