AGENDA

1. APPROVAL OF AGENDA
2. APPROVAL OF MINUTES OF LAST MEETINGS, February 7, 2017
3. OLD BUSINESS
   3.1 Report from Task Forces, Commissions or Sub-committees
      3.1.1 Commission to Review Fresh Start Program
      3.1.2 University Regulations Sub-committee
4. NEW BUSINESS
   4.1 Report from the Faculty of Education Appendix I, page 2
   4.2 Report from Faculty of Engineering and Applied Science Appendix II, pages 3-5
   4.3 Report from the Faculty of Kinesiology and Health Studies Appendix III, pages 6-7
   4.4 Report from La Cité universitaire francophone Appendix IV, pages 8-10
   4.5 Report from the UR International Appendix V, page 11

5. Next CCUAS submission deadline is March 28 and the next CCUAS meeting is on Tuesday April 11, in AH 527 Boardroom at 10:00 a.m.

6. ADJOURNMENT
1. Report from the Faculty of Education

Items for Information

The Faculty of Education approved the deletion and revision of the following courses and offers them for information.

A. Historical courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECMP 498</td>
<td>ECMP Independent Study II</td>
<td>1-3:0-0</td>
</tr>
<tr>
<td>ECMP 499</td>
<td>ECMP Independent Study I</td>
<td>1-3:0-0</td>
</tr>
</tbody>
</table>

Rationale: The subject code ECMP - Computer Education is being replaced with EDTC – Education Technology and Media. All other courses under this subject code have already been renamed or made historical.

B. Revised Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFLD 060</td>
<td>PLACE (Professional Learning as Community Experience)</td>
<td>0:0-0</td>
</tr>
</tbody>
</table>

Professional Learning as Community Experience.

*** Corequisite: One of ECS 301, 302 or 350 or EMUS 300.***

*Note: Pass/Fail grade. Other related fee: $100.00.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFLD 061</td>
<td>PLACE (Professional Learning as Community Experience)</td>
<td>0:0-0</td>
</tr>
</tbody>
</table>

Professional Learning as Community Experience.

*** Corequisite: ECS 312.***

*Note: Pass/Fail grade. Other related fee: $100.00.*

Rationale: These co-requisites are outdated as ECS 301, ECS 302, ECS 312, and EMUS 300 are no longer offered. In addition, EFLD 060 is only required for a small percentage of students taking ECS 350. The removal of the outdated co-requisites will allow students to successful self-register for course. The Faculty of Education does not intend to replace the co-requisite.
2. Report from the Faculty of Engineering and Applied Science

Items for Approval

The Faculty of Engineering and Applied Science has approved the following curriculum and course changes and offers the following motions for approval:

Motion 1: Revision to the Oil and Gas Engineering Minor

To revise the Oil and Gas Engineering minor as outlined below, Effective date: 201730

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Oil and Gas Engineering minor, required courses</th>
<th>Student's record of courses completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0</td>
<td>ENPE 241</td>
<td></td>
</tr>
<tr>
<td>3.0</td>
<td>ENPE 251</td>
<td></td>
</tr>
<tr>
<td>3.0</td>
<td>Three of: ENPE 300, ENPE 302, ENPE 370, ENPE 381, ENPE 410, ENPE 440, ENPE 450, ENPE 360 460</td>
<td></td>
</tr>
<tr>
<td>3.0</td>
<td>Minimum one 400 level course</td>
<td></td>
</tr>
<tr>
<td>15.0</td>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>

(end of Motion 1)

Rationale: The course number has been revised that changes ENPE 460 to ENPE 360 in the previous meeting, this updates the minor to reflect this new course number.

Items for Information

The Faculty of Engineering and Applied Science approved the creation and revision of the following courses and offers them for information.

A. New Courses

ENGG 495 1-6:6:0
Directed Study in Engineering – an AA-ZZ series.
A course in special topics in which the student may do directed study in engineering under the supervision of a faculty member.
**A detailed outline of the proposed study must be approved by the program chair before registration.**

Effective Spring 2017.

B. Course Revisions

ENEL 280 - Electrical Circuits
DC circuits, Kirchoff's voltage and current laws, equivalent circuits, introduction to mesh and nodal methods, superposition, maximum power transfer, capacitors, inductors, transient analysis of RL and RC circuits, introduction to AC steady state analysis, introduction to electrical safety in engineering. *** Prerequisite: PHYS 119 and MATH 111 ***

ENEL 371 - Power and Energy I
Introduction to concepts of energy and power systems including: single and three phase AC power, delta-wye transformations, protection circuits and safety transformers, per-unit system, transmission lines, introduction to synchronous machines, induction motors and dc motors, safety in electrical systems. ***Prerequisite: ENEL 281 and PHYS 201 or Permission of ESE Program Chair ***

**ENEL 380 - Control Systems Automation and Control**
Introduction to the principles of control systems. System modeling, effects of feedback, stability of systems, time and frequency response, compensation, analysis and design techniques. Programmable logic controllers, ladder logic, latches, timers, counters, flow control, and data handling instructions, sensors and actuators, state based design, Open and closed loop systems, mathematical modeling, Laplace transform, block diagrams and signal flow graphs, design and analysis of feedback systems, stability analysis, root locus, PID controllers, frequency domain technique. ***Prerequisite: ENIN 233 or ENEL 281 and ENEL 280 ***

**ENEL 384 - Digital Electronics**
The introductory aspects of digital electronic circuits, including basic principles of digital systems, logic function and gates, boolean algebra and combinational logic, introduction to VHDL, introduction to FPGAs, combinational logic functions, digital arithmetic and arithmetic circuits, introduction to sequential logic, counters and shift registers, and state machine design. Boolean arithmetic, logic gates, flip-flops, counters and registers, combinational and sequential logic design. Circuit configuration and electrical properties of NMOS, CMOS, ECL and TTL logic families. ***Prerequisite: ENEL 282 ***

**ENEL 387 - Microcontroller Systems-Design**
Design and analysis of microcontroller systems. Memory and peripheral devices are integrated with ASSEMBLER code with the aid of an emulator to produce a working system containing an imbedded microcomputer. Design of microcontroller systems, including interfacing analog and digital circuits, memory and peripheral devices, processor architecture, memory systems, exceptions, interrupt control, and exception programming. Students will build an integrated microcontroller system in their final lab project. ***Prerequisite: ENSE 352 and ENEL 384 ***

**ENEL 389 - Instrumentation Control Systems**
The study, analysis, and application of sensors and transducers considering the practical aspects of noise, accuracy, precision, and calibration. The operation of electronic measuring equipment, instrumentation systems, and interfacing. ***Prerequisite: ENEL 380 ***

**ENEL 395 - Transmission Lines and Antennas**
Review of transmission line fundamentals, Smith charts, matching techniques, wave guide theory and components, waveguides, fiber optics, microstrip transmission lines, place waves, antenna fundamentals, and RF propagation. ***Prerequisite: ENEL 281 and PHYS 201 or Permission of ESE Program Chair ***

**ENEL 400 - ESE Project Start-up**
The main purpose of this course is to prepare students for their project design course, ENEL 417. Students form design teams. The teams will propose, develop, and present engineering design projects that they will pursue in ENEL 417. Each team will prepare a project plan document and a preliminary design document. In addition, each project group will orally present their proposal to their colleagues. Issues of safety, feasibility, and engineering responsibility, will be considered in this course. ***Prerequisite: ENEL 371, ENEL 390, ENEL 380, and ENEL 387 or permission of ESE Program Chair ***

**ENEL 472 - Power Systems Fundamentals**
Real and reactive power, single and polyphase power fundamentals. Per Unit systems, L, C & R applied to power systems, transformers, synchronous and induction machines, and supporting circuitry. Protection requirements and devices. Single and three phase machines, induction machine starting and protection circuits, transformer characteristics, fault current determination, per unit system and symmetrical components, industrial and utility protective devices, and introduction to load flow. ***Prerequisite: ENEL 371 ***
ENEL 487 - Real-Time Industrial Processes Embedded and Real-Time Software Systems
Characteristics and analysis of real-time control systems and their applications in the telecommunication and process control industries. Interfacing, communication links, system architecture and operating systems for real time processes. Industry standards and reliability. Software design practices for resource-constrained targets. Students will design and implement a number of embedded components, culminating by integrating them into a full embedded system involving aspects of feedback control, signal processing, or communications. Topics: Architectures for real-time systems, Fundamentals of real-time operating systems, Software design, Interfacing and communications, Speed, memory, and power performance tradeoffs. Testing. Dependability. *** Prerequisite: ENEL 387 and CS 210 ***

ENEL 489 - Application Specific Integrated Circuit Design FPGA Design Using VHDL
Introduction to ASIC chips: circuit design, fabrication, testing, and cost analysis. Advanced synchronous digital design techniques such as pipelining, parallelism, and caching. Application to sorting, encoding, decryption, and digital filters. Students will develop a design using a high-level design language (VHDL) and test it on a RAM-based FPGA. Introduction to FPGA digital system design. Students will learn a high-level hardware design language (VHDL), the concurrent and sequential statements of VHDL, the principle and practice of combinational circuit design, the principle and practice of sequential circuit design, Finite State Machine, Register Transfer Methodology, the synthesis and implementation of digital design on a FPGA device. Advanced synchronous digital design techniques such as pipelining, parallelism, and caching. Students will develop a design and test it on an FPGA development board. *** Prerequisite: ENEL 384 ***

ENEL 492 - Telecommunication and Design of Computer Networks
ISO-OSI layered model, design issues, protocols and interfaces, network primitives, protocol operation and verification, local networks, IEEE 802 standards, local network design studies, performance, public networks and telephone systems, ISDN, Computer network fundamentals, network switching technologies, medium access control protocols, computer networks hierarchical design approaches, routing protocols and their design issues, LAN models and their design, internet technologies, quality of service, network traffic flow control and measurement, network security. *** Prerequisite: ENEL 390 ***

ENEL 495 - Digital Signal Processing
Review of z transforms and discrete signal analysis, the discrete Fourier transform, digital filter design and analysis, IIR and FIR systems, DSP hardware and applications. Representation of signals and systems, Fourier analysis, time-frequency spectrum, sampling and reconstruction of signals, aliasing, linearity and time-invariance, convolution, FIR filters, IIR filters, Z-transform, design and analysis of FIR and IIR filters, spectrum analysis using DFT/FFT, adaptive filters, simulation of DSP concepts using MATLAB/SIMULINK, hardware implementation of DSP applications. *** Prerequisite: ENEL 390 ***

Effective term: 201730

Further Revisions:
Update the course inventory forms for all Engineering directed reading courses.

ENEL 496
ENIN 495
ENEV 495
ENPE 495
ENSE 496

Rationale: Currently not all directed reading courses have the option for a seminar or laboratory component. Updating the schedule types, grade mode, and lab hours will allow maximum flexibility for the development of new courses in the Faculty.

Effective Date: 201720
3. **Report from Faculty of Kinesiology and Health Studies**

The Faculty of Kinesiology and Health Studies approved the inactivation and deletion of the following courses and offers them for information.

**Items for Information**

**A. Inactive Courses**

**HS 201**  
*Research Methods in Health Studies*  
A review of major methodological approaches to health studies research (quantitative, qualitative, community-based/participatory research, and policy research). Problem-based seminar.  
***Prerequisite: Completion of 15 credit hours.***

**KHS 168AA**  
*Human Anatomy A*  
This course carries 1.5 credit hours. KHS 168AA (Human Anatomy A) together with KHS 168AB (Human Anatomy B) cover the same material as is covered in KIN 260 (KHS 168 Human Anatomy), but at a slower pace. Students must complete KHS 168AA in order to receive credit, and a grade for KHS 168AB. The combination of KHS 168AA and KHS 168AB can be used in place of KIN 260 (KHS 168).  
***Prerequisite: One 30-level science from Biology, Chemistry or Physics, and for high school students, a minimum secondary average of 75%.***

**KHS 168AB**  
*Human Anatomy B*  
This course carries 1.5 credit hours, and is a continuation of KHS 168AA (Human Anatomy A). Students must complete KHS 168AA in order to receive credit, and a grade for KHS 168AB. The combination of KHS 168AA and KHS 168AB can be used in place of KIN 260 (KHS 168).  
***Prerequisite: KHS 168AA***

**KHS 185**  
*Variable Content Series AA-ZZ*  
Variable content series to be used for experimental activity courses and independent studies beyond the current KHSA offerings.

**KHS 185A**  
*Metis Social and Cultural Dances*

**KHS 281AC**  
*Health Literacy for Children 0-12 years*  
This problem-based course will explore multi-disciplinary practice in the promotion of children's health literacy.

**KHS 281AD**  
*Anatomical Basis of Dance injury and Prevention*  
This course will emphasize basic human anatomy as it relates to body movement. The course will also provide the basics needed to prevent and recognize traumatic and overuse injuries related specifically to dance.

**KIN 171**  
*Holistic Health*  
The factors that affect an individual's health will be examined from a population health perspective. A variety of topics will be covered encompassing the role of the individual, the family, and the community in personal health.
*Note: Students will not receive credit for both KIN 170 and KIN 171. This is an online course.*

**KIN 281AD** 3:3-0  
Movement and Dance I: Creativity and Expression  
A basic course in movement that applies critical principles in analysis of movement expression.

**KIN 281AE** 3:3-0  
Movement and Dance II: Performance Skills  
The course emphasizes the application and integration of developed skills in performance.

**KIN 281AF** 3:3-0  
Movement and Dance III: Dance Styles of the 21st Century  
The course examines stylized dance movements of the 20th century. This repetoire class is structured to prepare students to rehearse and perform for public audience. Classes will concentrate on developing and practicing blocking and staging of choreography. No prerequisite required.

**SRS 350** 3:3-0  
Sport Tourism  
An examination of sport tourism from an economic perspective, incorporating social, cultural and environmental approaches. Sport management in peripheral areas and the developmental and organizational elements of sport tourism will be examined.  
* Note: This is an online course *

**B. Historical courses**

**KIN 481AA** 3:3-0  
Movement and Dance III: Dance Styles of the 21st Century  
The course examines stylized dance movements of the 20th century. This repetoire class is structured to prepare students to rehearse and perform for public audience. Classes will concentrate on developing and practicing blocking and staging of choreography. No prerequisite required.

**Rationale:** These courses have not been offered in at least five years and there are no plans to offer them in the near future.
Appendix IV

4. Report from La Cité universitaire francophone

La Cité universitaire francophone approved on January 24, 2017, the creation of and revision to the following courses from Programme d’études francophones et interculturelles (PÉFI)// French & Francophone Intercultural Studies Program (FFIS)

A. d’un nouveau cours// New Course

FRN 210 Enrichissement/ Enrichment 6:6-2
Cours de langue et de culture intermédiaire intensif qui porte sur les connaissances déjà acquises, initie les étudiants aux bases de l’écriture et encourage la pensée critique. // This intensive, intermediate language and culture course builds on previously acquired skills introducing students to basic writing and providing a favourable environment for critical thinking.

Prerequisite: FRN 200, permission based on assessment test or permission of Department Head. Note: Students cannot receive credits for FRN 201 and FRN 300, or FR 201 and FR 202, and FRN 210.

Effective Date: 201830

MATÉRIEL / TEXTS
Aucun manuel ne sera utilisé. Tout le matériel sera développé par les membres du département. // No published textbooks will be used. All materials will be developed internally by members of the department.

CONTENU / PROPOSED COURSE CONTENT:
Le contenu ci-dessous n’est pas exhaustif et pourrait varier.// The content below is not exhaustive and may vary.

<table>
<thead>
<tr>
<th>Contenu</th>
<th>FRN210 Enrichissement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Points grammaticaux</td>
<td>- Révision présent et impératif</td>
</tr>
<tr>
<td></td>
<td>- Temps du passé : passé composé, imparfait et plus-que-parfait</td>
</tr>
<tr>
<td></td>
<td>- Subjonctif</td>
</tr>
<tr>
<td></td>
<td>- Pronoms personnels</td>
</tr>
<tr>
<td></td>
<td>- Adjectifs et pronoms possessifs</td>
</tr>
<tr>
<td></td>
<td>- Adjectifs et pronoms démonstratifs</td>
</tr>
<tr>
<td></td>
<td>- Pronoms relatifs I</td>
</tr>
<tr>
<td></td>
<td>- Verbes et adjectifs accompagnés de prépositions</td>
</tr>
<tr>
<td></td>
<td>- Futur simple et futur antérieur</td>
</tr>
<tr>
<td>Vocabulaire</td>
<td>- Enrichissement lexical</td>
</tr>
<tr>
<td></td>
<td>- Vocabulaire de la correspondance</td>
</tr>
<tr>
<td></td>
<td>- Vocabulaire du cinéma</td>
</tr>
<tr>
<td></td>
<td>- Anglicismes</td>
</tr>
</tbody>
</table>
Composition
- Narration
- Correspondance : écrire une lettre formelle
- Correspondance (lettre demande d’emploi)
- Compte rendu de film
- Expression de l’opinion

Contenu non-linguistique, culture
- Francophonie : sujet(s) à déterminer
- Abonnement au magazine l’Actualité

**Rationale:** This course is a fusion of FRN 201 and FRN 300 within one semester. It can be taken by students having either completed their Grade 12 in an immersion program or FRN 200. This course allows advanced students to finish their language requirements in one semester. It will also facilitate access for the BAC en éducation students and Certificate in French & Francophone Intercultural Studies students to advanced language or content courses requiring the FRN 300-level (FRN 300, FRN 301, FRN 236, FRN 246, FRN 250AA-ZZ).

**B. Course Revisions**

**FRN 236**
3:3-0
*Structure du français moderne /The Structure of Modern French*
Étude de la structure du français moderne via le système de ses sons, ses modes canoniques de formation de mots, la phrase et la signification. Contact des langues, diversité linguistique et sociale, interculturalité.
The structure of modern French: its speech sounds, sound patterns, word formation, sentence structure and meaning. Language contact; social and linguistic diversity; interculturality.
***Prerequisite: FRN 300 with a minimum grade of 60%, permission based on assessment test, or permission of Department Head***
*Note: This course was formerly numbered FR 226. Student may receive credit for only one of FR 226 or FRN 236*

**FRN 246**
3:3-0
*La francophonie / The Francophone World*
L’étudiant(e) explorera d’un œil critique la francophonie dans le temps et l’espace, à la fois comme concept, phénomène vécu et possibilité d’engagement. Students will critically explore the francophonie, across time and space, as a concept, a lived phenomenon and a possibility for engagement.
***Prerequisite: FRN 300 with a minimum grade of 60%, permission based on assessment test, or permission of Department Head***

**FRN 250**
3:3-0
*Selected Topics in French Language*
Study of a selected topic or topics in French language.
***Prerequisite: FRN 201 with a minimum grade of 60%, permission based on assessment test, or permission of Department Head***

**FRN 250AC**
3:0-0
*Le français en vers*
Approche pratique de niveau intermédiaire de la langue française et des modes de création poétique par le biais d’exercices de création littéraire et de lectures publiques. Réaction aux poètes ayant marqué les cultures francophones et les traditions poétiques francophones. Inclut une réflexion sur la langue française.
***Prerequisite: FRN 201 with a minimum grade of 60%, permission based on assessment test, or permission of Department Head***
*Note: Students cannot receive credit for FRN 250AC if they have already completed FRN 350AC.*

**FRN 290**
6:6-0
*Directed Reading in French/Travaux dirigés en français*
Directed Reading in French. Travaux dirigé en français.
***Prerequisite: FRN 201 with a minimum grade of 60%, permission based on assessment test, or permission of Department Head***

**FRN 290AA**
0:3-0-0
Exploration de la culture québécoise
Après un survol historique, les étudiants seront initiés aux arts et aux habitudes de vie au Québec dans une perspective moderne, qui combine la tradition et le populaire.
***Prerequisite: FRN 201 with a minimum grade of 60%, permission based on assessment test, or permission of Department Head.***

FRN 300
Achievement I / Épanouissement I
This language and culture course will enhance writing skills and will further explore Francophone issues as well as provide a favourable environment for critical thinking.
Cours de langue et de culture qui favorise la maîtrise de l'écrit et qui continue la découverte des enjeux de la Francophonie tout en encourageant la pensée critique.
***Prerequisite: FRN 201 with a minimum grade of 60%, permission based on assessment test, or permission of Department Head***
*Note: This course was formerly numbered FR 202. Student who have previously completed FR 202 may not receive credit for FRN 300. Also students may not receive credit for both FRN 300 and FRLS 121*
*Note: Students who receive 75% or higher in FRLS 221 may choose to receive credit for either FRLS 221 or FRN 300 upon completion of placement test.*

FRN 301
Achievement II / Épanouissement II
This language and culture course will enhance writing skills and will further explore Francophone issues as well as provide a favourable environment for critical thinking.
Cours de langue et de culture qui favorise la maîtrise de l'écrit et qui continue la découverte des enjeux de la Francophonie tout en encourageant la pensée critique.
***Prerequisite: FRN 300 with a minimum grade of 60%, permission based on assessment test, or permission of Department Head***
*Note: This course was formerly numbered FR 203. Student may receive credit for only one of FR 203 or FRN 301*
*Note: Students who receive 75% or higher in FRLS 318 may choose to receive 3 credits for either FRLS 318 or FRN 301 upon completion of the placement test.*

Effective Date: 201830

Rationale: Students obtaining less than 60% in French courses FRN 201 and FRN 300 experience difficulty participating and succeeding in higher-level language and content courses in French. To avoid this situation, these students should be required to obtain a minimum grade of 60% in these courses. This policy would affect a very small number of students currently, as the majority of students enrolled in FRN 201 and FRN 300 are in the BAC program and will retake these courses if failed. There will therefore not be a negative impact on enrolment in the FFIS Program classes and these students would not be lost to the program.
5. **Report from UR International**

**Item for Approval**

**Motion 1: Council Committee on Undergraduate Admissions and Studies - Membership**

That the Council Committee on Undergraduate Admissions and Studies recommend for approval an amendment to the Terms of Reference of the Council Committee on Undergraduate Admissions and Studies which would replace the Director of UR International with the Associate Director, International Enrolment of UR International as a full member. **Effective immediately.**

**Rationale:** Given the substantial growth in the number of international students enrolling at the University of Regina and the role of the UR International office in processing these enrolments, it is vitally important that the Office of UR International have a full member, with voting power, in the absence of the Associate Vice-President, International (formally the Director of UR International). UR International will continue to participate actively in the decisions that are considered and recommended by CCUAS. CCUAS is responsible for recommending proposals for new and revised academic policies and standards as well as new and revised standards for undergraduate admission. For both of these topics, UR International has a role in shaping and providing input in the recommendations being considered by CCUAS for recommendation to Executive of Council.

It is recommended that the Associate Director, International Enrolment be admitted as the designated member with full voting power.