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MEMORANDUM

ATTENTION Senate
FROM Jeff Derksen,
Chair of Senate Graduate Studies
Committee (SGSC)
RE: Course Change

DATE May 21, 2020

For information:

Acting under delegated authority at its meeting of May 12, 2020, SGSC approved the following curriculum item, effective **Spring 2021**:

Faculty of Applied Science
School of Computing Science

- 1) Course change (number, title, description, equivalency): CMPT 825

MEMORANDUM

Attention Dr. Jeff Derksen Date March 27, 2020
Dean, Graduate Studies

From Dr. Parvaneh Saeedi psaeedi@sfu.ca
Faculty of Applied Science, Graduate Studies Committee

Re: FAS-CMPT's ~~new course~~ and course change – ~~CMPT 724, CMPT 728~~, CMPT 825

FAS School of Computing Science is currently offering many highly specialized but low-enrollment specialized topics (ST) graduate courses and relatively much fewer foundational core CMPT graduate courses. Our graduate students are thus having difficulty choosing relevant courses, especially given increased demands from our growing graduate population, including our Professionals Masters (Prof MSc) programs.

We propose to create new 700-level courses that cover foundational, core graduate-level computing science topics, which are appealing to our broad graduate student population (Theses and Prof MSc), and even to some senior undergraduates (e.g. Accelerated Masters). We foresee this will strengthen our graduate program, provide better support for our growing Prof MSc specializations, and increase enrollment in graduate classes.

Therefore, Faculty of Applied Sciences has approved the following and would request for the calendar update effective Spring 2021.

~~New course proposals:~~

- ~~1. CMPT 724 – Affective Computing~~
- ~~2. CMPT 728 – Deep Learning~~

Change of course number:

1. CMPT 825 – Natural Language Processing

Please let me know if there are any questions or concern.

Regards,
Parvaneh Saeedi





COMPUTING SCIENCE

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ATTENTION	Parvaneh Saeedi, Associate Director
FROM	Ghassan Hamarneh, Graduate Director
RE	New 700 Level Course Proposals Effective Spring 2021
DATE	Mar 3, 2020

COURSE PROPOSALS – effective Spring 2021

Our School of Computing Science is currently offering many highly-specialized, low-enrollment specialized topics (ST) graduate courses and relatively much fewer foundational core CMPT graduate courses. Our graduate students are thus having difficulty choosing relevant courses, especially given increased demands from our growing graduate population, including our Professionals Masters (Prof MSc) programs. We propose to create new 700-level courses that cover foundational, core graduate-level computing science topics, which are appealing to our broad graduate student population (Theses and Prof MSc), and even to some senior undergraduates (e.g. Accelerated Masters). We foresee this will strengthen our graduate program, provide better support for our growing Prof MSc specializations, and increase enrollment in graduate classes.

The following have been approved by CMPT GPC and school director.

New course proposals:

~~CMPT 724 – Affective Computing~~

~~CMPT 728 – Deep Learning~~

Change of course number:

CMPT 825 – Natural Language Processing

If you have any questions, please let me know.

Ghassan Hamarneh
Graduate Chair, School of Computing Science

Graduate Course Change

Attach a separate document if more space is required.

Course Subject/Number CMPT 825	Units 3	Effective Term and Year Spring 2021
Course Title Natural Language Processing		
Rationale for Change: We have been cross-listing this course with CMPT 413 and the course content has been modified to be a 7xx level course as a result.		

Proposed Changes (Check all that apply)

Course number
 Units*
 Title
 Description
 Prerequisite
 Other Equivalent statement

Complete only the fields to be changed

FROM	TO
Course Subject/Number 825	Course Subject/Number 713
Units	Units*
Course Title Natural Language Processing	Course Title (max 100 characters) Natural Language Processing
Course Short Title Natural Lang.Process	Course Short Title (max 30 characters) NLP
Description In this course, theoretical and applied issues related to the development of natural language processing systems and specific applications are examined. Investigations into parsing issues, different computational linguistic formalisms, natural language syntax, semantics, and discourse related phenomena will be considered and an actual natural language processor will be developed.	Description Natural Language Processing is the automatic analysis of human languages such as English, Korean, and thousands of others analyzed by computer algorithms. Unlike artificially created programming languages where the structure and meaning of programs is easy to encode, human languages provide an interesting challenge, both in terms of its analysis and the learning of language from observations. Covers NLP tasks such as language modeling, machine translation, multilingual processing, information extraction, question answering, and other topics relevant to modern NLP.
Prerequisite	Prerequisite
Other	Other Students with credit for CMPT 825 or CMPT 413 may not take this course for further credit

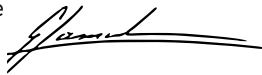

* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.

REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.


CONTACT PERSON

Department / School / Program CMPT	Contact name Anoop Sarkar	Contact email anoop@sfu.ca
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DEPARTMENTAL APPROVAL

Department Graduate Program Committee Ghassan Hamarneh	Signature 	Date 2019-Aug-06
Department Chair Mohamed Hefeeda	Signature 	Date 6 Aug 2019

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC) Parvaneh Saeedi	Signature 	Date March 27, 2020
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SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature 	Date May 21, 2020
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ADMINISTRATIVE SECTION (for DGS office only) Course Attribute: _____ Course Attribute Value: _____ Instruction Mode: _____ Attendance Type: _____	If different from regular units: Academic Progress Units: _____ Financial Aid Progress Units: _____
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