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MEMORANDUM

ATTENTION	Senate	DATE	April 5, 2024
FROM	Peter Hall, Chair Senate Committee on Undergraduate Studies	PAGES	1/1
RE:	Course Changes		

For information:

Acting under delegated authority at its meeting of April 4, 2024 SCUS approved the following curriculum revisions effective Spring 2025.

a. Faculty of Applied Sciences (SCUS 24-47a) (2.i)

1. School of Engineering Science

(i) Units and description change for ENSC 204 (*Fall 2024*)

b. Faculty of Arts and Social Sciences (SCUS 24-29b)

1. Department of Psychology

(i) Title and description change for PSYC 386 (*Fall 2024*)

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Senate DocuShare repository at <https://docuShare.sfu.ca/dsweb/View/Collection-12682>.



COURSE SUBJECT	ENSC	NUMBER	204	TITLE	Graphical Communication for Engineering
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input checked="" type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

~~Graphical Communication for Engineering ENSC 204 (1)
An introduction to the use of graphical communication in engineering. Objectives are to improve the students' literacy in the use of graphics to communicate engineering information, and their ability to visualize and to think in three dimensions. Specific application areas discussed include 2D and 3D geometry in mechanical drawing, electronics-related drawings, block diagrams, and flow charts. The use of CAD tools will be discussed, and demonstrations of some tools will be provided. Students who have taken ENSC 104, MSE 100 or SEE 100 first may not then take this course for further credit.~~

Graphical Communication for Engineering ENSC 204 (3)
An introduction to engineering graphical communication, Computer Aided Design (CAD) and workshop usage. Objectives are to improve students' literacy in the use of graphics to communicate engineering information, and their ability to visualize and create 3D models. The use of CAD software in creating 3D solid models are introduced. Students who have taken ENSC 104, MSE 100 or SEE 100 first may not then take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Fall 2024

RATIONALE (must be included)

Current version of ENSC204 is outdated and does not contribute to the students' learning outcome to be competitive in the industry. In the revised version of the ENSC204 we are introducing new engineering software training for 2D and 3D designs and also educational content that help students visualize the construction. Introduced CAD Tool will enable the students in development, modification, and optimization of the design process

COURSE SUBJECT	PSYC	NUMBER	386	TITLE	Laboratory in Behavioural Neuroscience
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input checked="" type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

TITLE CHANGE: Laboratory in Human Electrophysiology ~~Behavioural Neuroscience~~

DESCRIPTION:

An ~~overview of~~ introduction to encephalographic (EEG) techniques used to record, analyze, and interpret human electrical brain activity for studying the biological basis of behaviour in humans and animals. Examines the logic and limitations of specific research methods. Provides opportunities to record EEG from individuals while they participate in computer-controlled tasks and to later measure brain activities elicited by specific events during the task (such as the presentation of a visual or auditory stimulus) ~~an opportunity to master a set of techniques and to conduct supervised research projects in the laboratory.~~

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Fall 2024

RATIONALE (must be included)

The course was created to be a lab course for animal research (which is what "behavioural neuroscience" means), but it has been used exclusively to teach human electrophysiology methods (i.e recordings and analysis of human electrical brain activity). The course is unique in Canada, and the name and description should better reflect the content.