



S.07-42

OFFICE OF THE  
ASSOCIATE VICE PRESIDENT ACADEMIC AND ASSOCIATE PROVOST

MEMO

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CANADA

<b>ATTENTION Senate</b>	TEL
FROM Bill Krane, Chair, Senate Committee on Undergraduate Studies	
CC	
RE Curriculum revisions Faculty of Applied Sciences (SCUS References: SCUS 06-39, SCUS 07-04, SCUS 07-13)	
DATE February 13, 2007	
TIME 2:52:19 PM	

**For information:**

Acting under delegated authority at its February 6, 2007 meeting, SCUS approved the following curriculum revisions

1. School of Interactive Arts and Design (SCUS-06-39a, SCUS 07-13)
  - a. New Course Proposals
    - IAT 402-3 Interdisciplinary Design Studio I (Science)
    - IAT 403-3 Interdisciplinary Design Studio I (Arts)
    - IAT 404-3 Interdisciplinary Design Studio II (Science)
    - IAT 405-3 Interdisciplinary Design Studio II (Arts)
    - IAT 431-3 Advanced Topics in Interaction Design
    - IAT 488-1 Directed Studies
    - IAT 102-3 – Graphic Design
2. School of Computing Science (SCUS 06-39d)
  - a. New Course: CMPT 497-3 Directed Readings
  - b. CMPT 275 change to pre-requisite
3. School of Engineering Science (SCUS 07-04b, SCUS 07-13)

New course proposals  
 ENSC 182 Mechatronics Design I  
 ENSC 226: Electronic Circuits I  
 ENSC 231: Engineering Materials  
 ENSC 281: Statics and Strength of Materials  
 ENSC 282: Kinematics and Dynamics



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ENSC 283: Introduction to Fluid Mechanics  
ENSC 311: The Business of Engineering I  
ENSC 312: The Business of Engineering II  
ENSC 329: Introduction to Digital Logic  
ENSC 331: Introduction to MEMS  
ENSC 332: Microprocessors and Interfacing  
ENSC 381: Systems Modelling and Simulation  
ENSC 382: Machine Design  
ENSC 384: Mechatronics Design II  
ENSC 441: Capstone Design Project I  
ENSC 442: Capstone Design Project II  
ENSC 451: Real-Time and Embedded Systems  
ENSC 484: Industrial Control Systems

ENSC 215-3 Microcontroller Interfacing and Assembly-Language Programming

c. TECHOne(SCUS 07-07b)

New Course Proposals:

TECH 106-3 Spatial Thinking and Communicating

TECH 124-3 Design Thinking

Course Changes, TECH 101, TECH 114

Revisions to TechOne Program

**Any Senator wishing to consult the full report of curriculum revisions should contact Bobbie Grant, Senate Assistant at 291-3168 or email [bgrant@sfu.ca](mailto:bgrant@sfu.ca)**