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**MEMORANDUM**

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**ATTENTION** Senate **DATE** May 7, 2010  
**FROM** Rolf Mathewes, Acting Chair **PAGES** 1/1  
**RE:** Senate Committee on Undergraduate Studies  
Faculty of Communication, Art and Technology (SCUS 10-18c) (Revised)

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**For information:**

Acting under delegated authority at its meeting of May 6, 2010, SCUS approved the following curriculum revisions:

1. TechOne (SCUS 10-18c) (Revised)
  - (i) Changes to the First Term Core requirements for TechOne

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Web at [http://www.sfu.ca/senate/Senate\\_agenda.html](http://www.sfu.ca/senate/Senate_agenda.html) following the posting of the agenda. If you are unable to access the information, please call 778-782-3168 or email [mlg7@sfu.ca](mailto:mlg7@sfu.ca).



TECHONE PROGRAM OFFICE

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**MEMORANDUM**


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<b>ATTENTION</b>	Alison Beale, Chair Faculty of Communication, Art and Technology Undergraduate Curriculum Committee	<b>DATE</b>	March 15, 2010
<b>FROM</b>	Ron Wakkary, Chair TechOne Program	<b>PAGES</b>	4
<b>RE:</b>			

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In response to comments raised at the March 4, 2010 SCUS meeting. The attached revisions have been made as an amendment to the calendar entry for TechOne approved at a TechOne faculty meeting of February 10, 2010, and approved at the FCAT UCC meeting of February 9, 2010:

- Revised Calendar entry for TechOne

Would you please forward these revisions to SCUS for approval?

Thank you,

Ron Wakkary,  
Director, TechOne

**Proposed Changes to TechOne Calendar Entry**  
Page 161 – 2009-10 Calendar

<b>Current Calendar Entry – 2009-10</b>	<b>Proposed Calendar Entry for 2010-11</b>
<p>TechOne is an innovative and challenging first year cohort program offered by the Faculty of Communication, Art and Technology at Simon Fraser University Surrey. TechOne offers a broad foundation and introduction to university for students who are curious about how technology, design and people influence one another. TechOne specifically prepares students for second year studies in business, communication, computing science, engineering science, and interactive arts and technology; however, students interested in any program at Simon Fraser University may choose TechOne as their first year of studies.</p>	<p>TechOne is an innovative and challenging first year cohort program offered by the Faculty of Communication, Art and Technology at Simon Fraser University Surrey. TechOne offers a broad foundation and introduction to university for students who are curious about how technology, design and people influence one another. TechOne specifically prepares students for second year studies in communication, contemporary arts, education, and interactive arts and technology; however, students interested in any program at Simon Fraser University may choose TechOne as their first year of studies.</p>
<p>TechOne is an interdisciplinary cohort program where all students complete courses in smaller groups together with a set of other first year students. Access to all TechOne core courses is guaranteed.</p>	<p>TechOne is an interdisciplinary cohort program where all students complete courses in smaller groups together with a set of other first year students. Access to all TechOne core courses is guaranteed.</p>
<p><b>First Term Core</b></p>	<p><b>TechOne Program</b></p>
<p>The first term of TechOne consists of two or more courses selected from the following set of three, plus electives, which may be chosen with a view to the student's intended subsequent course of study.</p>	<p>The TechOne program consists of four courses listed below, plus electives, which may be chosen with a view to the student's intended subsequent course of study.</p>
<p>CMPT 120-3 Introduction to Computing Science and Programming I<sup>1</sup></p>	<p>TECH 101W-3 Communication, Teamwork and Collaborative Process</p>
<p>TECH 101W-3 Communication, Teamwork and Collaborative Process</p>	<p>TECH 106-3 Spatial Thinking and Communicating</p>
<p>TECH 106-3 Spatial Thinking and Communicating</p>	<p>TECH 114-3 Technology in Everyday Contexts</p>
<p><sup>1</sup>Students who already have a substantial background in computing should complete CMPT 126 in place of CMPT 120. See the self test at</p>	<p>TECH 124 Design Thinking</p>
<p><a href="http://www.cs.sfu.ca/undergrad/advising/placem">www.cs.sfu.ca/undergrad/advising/placem</a></p>	<p><b>TechOne Elective Requirements</b> In addition to core requirements, students choose electives that will help complete</p>

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### **Second Term Core**

The second term of TechOne consists of two or more courses selected from the following set of three, plus electives, which may be chosen with a view to the student's intended subsequent course of study.

MACM 101-3 Discrete Mathematics I  
TECH 114-3 Technology in Everyday Contexts

TECH 124 Design Thinking (or a discipline-specific project course<sup>2</sup>)

<sup>2</sup>The choice of a design/project course may be determined by the student's intended program major. ENSC 182 is required for mechatronics students; CMPT 150 for computing science students.

### **TechOne Elective Requirements**

In addition to core requirements, students choose electives that will help complete the lower division requirements of their program major. If students have not yet chosen a program major, a set of qualifying electives will be recommended. Students choose the number of electives they complete in any term and may complete electives at any campus.

### **Writing, Quantitative, and Breadth Requirements**

Students completing degree programs must fulfil writing, quantitative and breadth requirements as part of their program. The TECH courses are designed to help with completion of these general graduation requirements. See "Writing, Quantitative, and Breadth Requirements" on page 7 for information.

### **After TechOne**

Some students enter TechOne having already been admitted to a degree program. Other students will wait until

the lower division requirements of their program major. If students have not yet chosen a program major, a set of qualifying electives will be recommended. Students choose the number of electives they complete in any term and may complete electives at any campus.

### **Writing, Quantitative, and Breadth Requirements**

Students completing degree programs must fulfil writing, quantitative and breadth requirements as part of their program. The TECH courses are designed to help with completion of these general graduation requirements. See "Writing, Quantitative, and Breadth Requirements" on page 7 for information.

### **After TechOne**

Some students enter TechOne having already been admitted to a degree program. Other students will wait until completion of TechOne to apply for admission to a degree program. Either way, TechOne students will bring an understanding of how technology and people interact, as well as a toolkit of critical thinking and communication skills to their second year studies. TechOne will specifically help to prepare students who are interested in degree programs in communication, contemporary arts, education, and interactive arts and technology. These programs may be subject to enrolment limitations, with competitive entry standards based on academic performance.

<p>completion of TechOne to apply for admission to a degree program. Either way, TechOne students will bring an understanding of how technology and people interact, as well as a toolkit of critical thinking and communication skills to their second year studies. TechOne will specifically help to prepare students who are interested in degree programs in business, communication, computing science, engineering, or interactive arts and technology. These programs may be subject to enrolment limitations, with competitive entry standards based on academic performance.</p>	
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**Rationale:** The changes accommodate the change of the TechOne program moving from FAS to FCAT and its role as a first year option for students of FCAT units.