SIMON FRASER UNIVERSITY

MEMORANDUM

To: Senate

From: Roger Blackman, Chair
              Senate Committee on Undergraduate Studies

Subject: High School Admission Requirements
              (SCUS Reference 05-16)

Date: June 23, 2005

Action undertaken by the Senate Committee on Undergraduate Studies at its meeting of June 14, 2005 gives rise to the following motion:

> "That Senate approve the 10 new provincially authorized courses as suitable List 3 Grade 12 courses in the Science group (no provincial exams) for university admission, as a result of the Ministry of Education discontinuing INT 12."

Supporting documentation is attached.

SCUS 05-16 (Revised)

In 2004 we were advised by the Ministry of Education that the course
INT 12 Information Technology 12 would be discontinued at the end of the 2005/06 school year.

This is a provincially-authorized course which SFU applicants may use as a
List 3 science group elective to satisfy the fifth grade 12 course
requirement for university admission. It has been regularly counted in the
admission averages of many applicants.

In the place of INT 12, a number of related new provincially-authorized
courses are available to BC/YT schools.
ICTC 12   Applied Digital Communications 12
ICTM 12   Digital Media Development 12
ICTP 12   Computer Programming 12 ICTS 12   Computer Information Systems 12 ICTX 12   Information &
Communications Technology Survey 12

and their French language medium equivalents:
ICTCF 12   Comms numerique appl 12 ICTMF 12   Devt medias numeriques 12
ICTPF 12   Program par ordinateur 12
ICTSF 12   Systemes informatiques 12
ICTXF 12   Tech info & comms explorat 12

Course design is modular. There are Gr 11 equivalent courses, but there is
no strict prerequisite structure.

These courses may be offered optionally in 2004/05 and 2005/06 (current year
and next year) and with full implementation by 2006/07, when INT 12 is no
longer valid.

In order to determine whether the new courses should be used for admission
to SFU, the Faculty of Applied Sciences and School of Computing Science were
consulted. The Integrated Resource Packages for the new courses were made
available. In early September 2004, the Associate Dean gave an unofficial
response - prior to consideration by FAS committees - ICTP 12 and ICTM 12
looked like promising courses for List 3 Science and Fine and Performing
Arts groups respectively. In the meantime, FAS was engaged in the process
of a formulating an overall revision to its entrance requirements (now
almost complete).

The following response was received on 25 May from Dr. B. Bart, School of
Computing Science:

"Our UPC has reviewed the IT 11/12 documents and the committee felt that
these were "strong documents" with "sensible choices" in their curriculum.

In its implementation, it was felt that teachers might be ill-equipped to
teach the VB, Java, C++, UML etc required of them. It was suggested that --
SFU's School of Computing Science could offer Grade 11/12 teachers
courses/workshops on such topics, in coordination with the PD program of the
school boards."

I submit this to SCUS as a recommendation that the 10 new courses listed
above be accepted as suitable List 3 Grade 12 courses (no provincial exams)
for university admission.
I am assuming that they should be in the sciences group.

We requested and received some comments from a school that offers 3 of these
courses. I will share these comments with SCUS members, if they would be
useful.

Nick Heath
Admissions

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X-Sender: watt@popserver.sfu.ca
Date: Wed, 29 Jun 2005 11:47:05 -0700
To: Bobbie Grant <bgrant@sfu.ca>
From: Alison Watt <Alison_Watt@sfu.ca>
Subject: Fwd: IT 11/12 Curriculum Document
X-Virus-Scanned: by antibody.sfu.ca running antivirus scanner
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X-Sender: nheath@popserver.sfu.ca
Date: Tue, 28 Jun 2005 16:37:42 -0700
To: Alison Watt <Alison_Watt@sfu.ca>
From: Nick Heath <nheath@sfu.ca>
Subject: Fwd: IT 11/12 Curriculum Document
X-Virus-Scanned: by antibody.sfu.ca running antivirus scanner
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From: Bradley Bart <bbart@cs.sfu.ca>
Subject: IT 11/12 Curriculum Document
To: nheath@sfu.ca
Date: Wed, 25 May 2005 11:04:22 -0700 (PDT)
Cc: raheber@sfu.ca
X-Mailer: ELM [version 2.5 PL2]
X-Virus-Scanned: by antibody.sfu.ca running antivirus scanner
X-Whitelisted: sfu
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Hi Nick,

   Our UPC has reviewed the IT 11/12 documents and the committee
felt that these were "strong documents" with "sensible choices"
in their curriculum.

   In its implementation, it was felt that teachers might be ill-
equipped to teach the VB, Java, C++, UML, etc.. required of them.
It was suggested that SFU's School of Computing Science could
offer Grade 11/12 teachers courses/workshops on such topics, in
coordination with the PD program of the school boards.

   Please keep us apprised of any further developments with the
high school computing curriculum.

   Sincerely,

Brad Bart.

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