SIMON FRASER UNIVERSITY

S.85-1

MEMORANDUM

To: SENATE	From: SENATE COMMITTEE ON UNDERGRADUATE STUDIES
Subject: CHANGES - FACULTY OF BUSINESS ADMINISTRATION	Date: JANUARY 16, 1985

Action undertaken by the Senate Committee on Undergraduate Studies at its meeting of January 15, 1985 gives rise to the following motion:

MOTION:

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-1 , that CMPT 100-3, Structured Basic Programming and Software Packages for Business Administration Students, replace the current requirement for CMPT 101-4 or 103-4. Students who plan to take further courses in Computing Science should take CMPT 101-4 (which will be accepted by the Faculty of Business Administration in lieu of CMPT 100-3)."

SIMON FRASER UNIVERSITY

SCUS 85-1

MEMORANDUM

To: Ron Heath, Secretary
Senate Committee on Undergraduate Studies

From: Debbie Walker
Administrative Assistant
Faculty of Business Administration

Subject: Curriculum Revision

Date: December 17, 1984

Senate, at its meeting of December 3rd, 1984, referred back to SCUS the curriculum revision with respect to CMPT 100-3 as a lower level requirement for Business Administration.

The matter has now been discussed with Computing Science. Dr. Cameron, Undergraduate Program Director in Computing Science, will be communicating directly to you concerning the issues raised about CMPT 100-3 at the last Senate meeting. We have seen, and are in agreement with, Dr. Cameron's December 10th memo to you.

Two minor changes in our presentation to SCUS follow:

1) A revised "Rationale":

Computer 100-3 has been designed by the Computing Science Department in consultation with the Faculty of Business Administration. The revised course places greater reliance on the lecture/tutorial method and less on the standard laboratory approach utilized by Computing Science in its other introductory courses. The course will introduce the students to structured Basic programming and its application to business problem solving. Selected business application packages will be utilized in familiarizing students to the use of the computer.

2) Motion will now read:

"That CMPT 100-3, Structured Basic Programming and Software Packages for Business Administration Students, replace the current requirement for CMPT 101-4 or 103-4. Students who plan to take further courses in Computing Science should take CMPT 101-4 (which will be accepted by the Faculty of Business Administration in lieu of CMPT 100-3)."

Explanation:

1) After consulting with Dr. Love, who represented our Faculty in the planning of CMPT 100, we think our revised "Rationale" language is slightly more precise.

2) This responds to Dr. Cameron's concern, raised in our recent discussion, that our Faculty might not accept 101 or 103 in lieu of 100. Because this was not our intention, we suggest the addition of the parenthetical "which will be accepted --" phrase.

Thank you.

DW/fw

SIMON FRASER UNIVERSITY

Memorandum

To: Senate Committee on Undergraduate Studies

Re: S.84-67, SCUS 84-26

From: R.D. Cameron, Director of the Undergraduate Program, Computing Science

Date: December 10, 1984

This is in response to questions about the proposed replacement of CMPT 101 and CMPT 103 as lower division Business Administration requirements by CMPT 100 (S.84-67, SCUS 84-26). Those questions were raised at the December 3, 1984 meeting of Senate which referred consideration of the proposal back to SCUS.

The first question raised was whether consultation between Business Administration and Computing Science occurred in the development of CMPT 100. Such consultation did in fact occur. Although Shane Caplin of Computing Science was responsible for development of the course, that development was done based on the initial request from, regular consultation with, and final approval of, the Faculty of Business Administration.

The second question was about the relevance of CMPT 100 to the Business Administration curriculum. The questioner seemed to be implying that the course should deal with the business applications of computers. However, it is not the purpose of CMPT 100 to deal with these applications, but rather to provide students with a basic understanding of computer programming and use in the context of computer systems they will see in business. As such, the course is only preparatory to dealing with business applications of computers; that material is for later courses. As appropriate, we do use examples drawn from business applications, but such examples are only incidental to the teaching of the fundamental concepts of computer programming and use.

I am surprised that these questions would be raised at this time, as the course has been successfully taught, without such complaints, for several terms now. My impression, however, is that the questions arose not from the nature of the course itself, but rather from some particular problems with how it was taught last term. The Department has taken steps to remedy these problems.

I enclose a copy of next semester's course outline for your information.

CMPT 100 COURSE OUTLINE SPRING 1985

Peter F. Rowat (EVENING SECTION)

STRUCTURED BASIC PROGRAMMING AND SOFTWARE PACKAGES FOR BUSINESS ADMINISTRATION STUDENTS

PREREQUISITE: B.C. High School grade 12 mathematics or MATH 100

Please note that CMPT 100 is designed for those students wishing to satisfy Business Administration requirements in computing science. Students planning to go on in Computing Science should register in CMPT 101 or CMPT 103.

In addition, students with credits for CMPT 101 or 103 or 218 may not receive further credit for CMPT 100. If a student completes CMPT 100 and then decides to go on in Computing they will have to take CMPT 101 or 103 for duplicate course credit.

Unlike CMPT 101 and CMPT 103, CMPT 100 is NOT designed as a rigorous introduction to computer programming, but rather as an introduction to general computer use.

This course is designed to introduce the student to the fundamentals of computer operation and computer programming. The student will learn the basic steps in entering, saving, retrieving, editing and running programs using Waterloo BASIC on MTS. The class will explore the techniques used in designing and implementing simple computer programs. In addition, the student will have the opportunity to run user oriented business software packages.

Upon completion of the course the student will be able to:

a. communicate with the computer using BASIC and fundamental system commands (eg. let, read, print, LOAD, SAVE, RUN)

b. define concepts such as hardware and software, file systems, etc ...

c. write a computer program in structured BASIC

d. handle computer files

e. work with selected business software packages

<u>Required Materials:</u>

BASIC

1) APPLIED BASIC PROGRAMMING
R. Ageloff, R. Mojena
Wadsworth

2) WATERLOO BASIC - A STRUCTURED PROGRAMMING APPROACH
J.W. Graham, J.W. Welch, K.I. McPhee
Watfac Publications

3) INTRODUCTION TO MTS AT SFU (SFU-13)

ASSIGNMENTS - 30% MIDTERMS 1 and 2 - 15% each FINAL EXAM - 40%