

Minutes of the Undergraduate Council
Monday, December 3, 2001
#3

April Summitt, chair; Lynelle Weldon, secretary,
Delmer Davis, Paula Dronen, Ann Gibson, Thomas
Lowing, Ben Maguad, Gary Marsh, Don May,
Merlene Ogden, Laun Reinholtz, Malcolm Russell,
Patrick Williams, Rob Zdor

Charlotte Coy, Emilio Garcia-Marenko, Randy
Graves, Najeeb Nakhle, Gary Williams, Susan Zork

Gerald Coy, Bill Richardson

LaVerne Tavarez

Paula Dronen

The council voted to approve the minutes from
November 5, 2001.

The Program Review and Development subcommittee
plans to have a proposal ready for the councils in
January. A joint meeting will be called of the
Undergraduate and Graduate Councils.

Delmer Davis reported on the approval of a revision
of the general education requirement in the area of
mathematics(see attached). For general education
MATH165 College Algebra is being replaced with
MATH145 Reasoning with Functions which will be
more concept-oriented. MATH166 Precalculus
Algebra and/or MATH167 Precalculus Trigonometry
will serve those students preparing for calculus or
some science courses.

LaVerne Tavarez reported on the response of
department chairs to the question of which specific
credit could be granted to students passing the A-level
exams from the University of Cambridge, London.
She presented a list of courses approved by the
department chairs.

There was some discussion regarding students'
perception of losing credits if they did not receive 10
university credits in the area that they took the exam.
Should they receive "generic" credits (IDSC100) to
bring the total up to 10?

**VOTING MEMBERS
PRESENT**

**NON-VOTING
MEMBERS PRESENT**

REGRETS

GUEST

PRAYER

**APPROVAL OF
MINUTES**

PROGRAM REVIEW

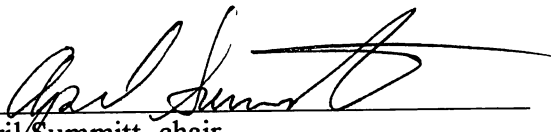
**GENERAL EDUCATION
(MATH)**

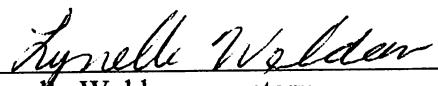
**A-LEVEL EXAMS
REFERRED**

Or "discipline" credits (BIOL100, MATH100, etc.)
to bring the total up to 10?

Also discussed was whether to designate A-level
exam credit as credit by exam or as transfer credit
since this would put different constraints on what
other credits a student could earn or transfer.

April referred these issues and the question of how
other area schools and Adventist schools treat A-level
exams to a working group (Emilio Garcia-Marenko,
Merlene Ogden, LaVerne Tavarez).



April Summitt, chair

Lynelle Weldon, secretary

Changes in the General Education Math Requirement

Over the course of four separate General Education Committee meetings, members have been reviewing the math component of General Education. The Math Department faculty have worked hard to respond to concerns expressed about the present requirements. There have been two main criticisms: (1) the many students placed in remedial courses in preparation for MATH 165 College Algebra (the present General Education required course) have had difficulties finishing the math requirement; and (2) MATH 165 College Algebra may not be the most appropriate course for non-science/non-professional program students.

As a result of the review process, the Math Department faculty submitted the following suggested changes to the General Education math requirements. (These changes have been voted by the General Education Committee and the Undergraduate Academic Policies and Curricula Committee in the College of Arts and Sciences.)

1. The General Education Math requirement has been restated and separated into two parts:
 - a. Skills: Math Placement Examination score of at least P2. If students do not score at the level of P2 (adequate mastery of arithmetic and secondary-level algebra), such students will be placed in a new course, MATH 107 Arithmetic and Algebra Review. (The old MATH 105 and 106 are being phased out.) This new course is centered around individualized instruction using the ALEKS computer-assisted approach. The course can be extended over two semesters for students needing more time to catch up on their math skills. Passing this course with a C- allows the student to move into MATH 145 or a higher-level math course.
 - b. Reasoning: MATH 145 Reasoning with Functions (for the general student) or a higher-level math course (for the science or professional program student)
2. The Math Department faculty and the personnel in Enrollment Services are making a concerted effort to make the Math Placement Examination available to academy juniors on the various academy campuses in the Lake Union in order to allow academy students a chance to improve their math skills prior to college if the examination shows such need.
3. MATH 165 College Algebra (the present General Education required course) will be phased out of the curriculum and replaced with MATH 145 Reasoning with Functions. MATH 165 has been deemed unsatisfactory for non-science/non-professional program students in that it has attempted to cover the many concepts and functions needed in preparation for higher-level math courses and to satisfy science and professional program requirements. MATH 145 will be a more focused course for general students. Fewer functions will be covered and the applications will be directed at issues relevant to general students. The prerequisite for higher-level math courses will now be MATH 166 Precalculus Algebra. Science and professional program students will fulfill their General Education math requirement by taking this course or a higher level course. The result of these changes is that MATH 145 can be taught as a General Education course rather than as a prerequisite course to higher-level math courses.

Date: December 3, 2001

To: Undergraduate Council

From: La Verne Tavarez, Assistant to the Registrar for Transcript Articulation and Evaluation 

Subject: Awarding Credit for A-level (or equivalent passes)

The request to Undergraduate Council is to have the recommendations below voted as standard policy for all students who have successfully passed A-level examinations: that they will receive credit for the classes below without the need to petition. The AU course equivalents are subject to change by the departments. Notification of such changes must be made to Undergraduate Records, Room 202, Administration Building.

Syllabi were distributed to the Chairs of the following departments on November 7, 2001: Accounting, Art, Biology, Chemistry, Economics, English, French/Spanish, Geography/Psychology/Sociology, History, Math, and Physics.

The general consensus was to grant credit for specific courses offered on Andrews University main campus, which the A-level examination covers, and not to grant 10 credits per exam.

The following has been approved by the department Chairs:

<u>A-level</u>	<u>Andrews Equivalent</u>	<u>Semester Credits</u>
Accounting	Acct121 Fundamentals of Accounting I	3
	Acct122 Fundamentals of Accounting II	3
Art	Portfolio review with waiver to an introductory class requirement	
Biology or Zoology	Biol100 Human Biology	3
	Students may also opt to take the departmental test for Anatomy and Physiology I & II <u>only</u> .	
Business Studies	Bsad210 Small Business Management	3
Chemistry	A minimum pass (35 percentile or greater) on the American Chemical Society General Chemistry Exam.	
	Chem131 General Chemistry I	4
	Chem132 General Chemistry II	4
Economics	Econ225 Principles of Macroeconomics	3
	Econ226 Principles of Microeconomics	3
English Language	Engl115 English Composition I	3
English Literature	Engl255 Studies in Literature	3
French	Fren171 Elementary French I	4
	Fren172 Elementary French II	4
Geography	Geog110 Survey of Geography	3
History	Hist117 Civilizations and Ideas I	2
	Hist118 Civilizations and Ideas II	3

Math	(Academic Year 2001/2002)	
	Math168 Algebra with Trigonometry	4
	Math141 Calculus I	4
	(Academic Year 2002/2003)	
	Math166 Pre-calculus Algebra	2
Physics	Math167 Pre-calculus Trigonometry	2
	Math141 Calculus I	4
	Departmental examination for credit	
Psychology	Psyc101 Introduction to Psychology	3
Spanish	Span171 Elementary Spanish I	4
	Span172 Elementary Spanish II	4
Sociology	Soci119 Principles of Sociology	3