



The University of North Carolina

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North Carolina
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An Equal Opportunity/
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MEMORANDUM

To: NC School District Superintendents
NC High School Principals
Early College High School Principals
Middle College High School Principals
NC High School Counselors
UNC Chancellors
UNC Chief Academic Officers
UNC Directors of Admissions
UNC Registrars
NCCCS Chief Academic Officers
NCCCS Chief Student Services Officers
NCCCS Transfer Counselors

From: Erskine B. Bowles *EBB*
President
The University of North Carolina

H. Martin Lancaster *HML*
President
NC Community College System

Date: April 10, 2007

Re: Department of Public Instruction and Community College courses that fulfill the 4th mathematics requirement for the UNC Minimum Course Requirements for Admission

Students entering The University of North Carolina constituent institutions in the fall of 2006 and beyond are required to meet the new mathematics requirement (four units of mathematics with one unit beyond Algebra II) to satisfy the Minimum Course Requirements for admission. To further clarify the courses that satisfy these requirements, a committee of mathematics faculty members representing school districts, community colleges and UNC campuses has reviewed the possible options.

Based on the Committee's review, the following courses from the North Carolina Standard Course of Study are approved to fulfill the 4th unit of mathematics requirement:

- AP Calculus A/B
- AP Calculus B/C
- AP Statistics
- Pre-Calculus (formerly Advanced Math)
- Discrete Mathematics
- Integrated Mathematics IV
- Advanced Functions and Modeling

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In addition, International Baccalaureate (IB) Mathematics Level II is acceptable for those students in an IB program.

The committee reviewed community college courses and approved the following courses from the NC Community College Common Course Library as acceptable, **but only when taken in concert with the associated lab course**. Both the classroom and lab courses must be presented together to be accepted, that is,

- MAT 155 and 155A (Statistical Analysis)
- MAT 165 and MAT 165A (Finite Math)
- MAT 171, 171A (Pre-Calculus Algebra) and MAT 172, 172A (Pre-Calculus Trigonometry)*
- MAT 175 and MAT 175A (Pre-Calculus)
- MAT 252 and MAT 252A (Statistics II)
- MAT 271 and MAT 271A (Calculus I)
- MAT 272 and MAT 272A (Calculus II)

[* Note: Both 171 and 172 together must be taken in order to satisfy the 4th unit requirement. Taking only 171 or 172 does not meet this requirement.]

Please share this information with anyone you feel appropriate. Any questions or requests for review of individual cases should be directed to Dr. Robert Kanoy at UNC General Administration (919-962-1000).

Thank you.

cc: MCR Mathematics Faculty Implementation Committee Members
Chairman Howard Lee
State Superintendent June Atkinson
Deputy State Superintendent JB Buxton
President Hope Williams
UNC Enrollment Managers
Senior Vice President Harold Martin
Senior Associate Vice President Robert Kanoy
Vice President Alan Mabe
Assistant Vice President Alisa Chapman
Vice President Delores Parker
Associate Vice President Kenneth Whitehurst