Memo

Subject: Prerequisites for non-CE students seeking admission to Civil (Structural Engineering option) Engineering graduate studies at Auburn University

Date: September 6, 2005

From: The Structural Engineering group

Potential candidates must have completed the following courses (or the equivalent) to start graduate studies towards Structural Engineering at Auburn University:

- MATH 1610 Calculus I (4)
- MATH 1620 Calculus II (4)
- MATH 2630 Calculus III (4)
- MATH 2650 Differential Equations (3)
- PHYS 1600 Engineering Physics I (4)
- PHYS 1610 Engineering Physics II (4)
- COMP 1200 Introduction to Computing (programming) (2)
- ENGR 2050 Statics (3)
- ENGR 2070 Mechanics of Materials (3)
- CIVL 3010 Civil Engineering Analysis (linear algebra and numerical analysis) (4)
- CIVL 3610 Structural Analysis (4)

Potential candidates must have completed the following courses (or the equivalent) by the end of their first year of graduate studies:

- CIVL 3310 Geotechnical Engineering I (4)
- CIVL 4600 Reinforced Concrete Design (3)
- CIVL 4650 Structural Steel Design (3)

It is recommended that candidates complete the following courses before finishing their graduate studies:

- CIVL 3010 Statistics for Engineers and Scientists (3)
- CIVL 3810 Civil Engineering Materials (4)

Procedures: Based on the prerequisite guideline, the academic credentials of each applicant will be assessed individually and a list of prerequisites will be decided by the Structural Graduate Coordinator and the major advisor who is interested in supporting/advising the student. This list and the supporting application material will be made available for review to the entire structural faculty.

Note: Additional prerequisites may be required by the relevant faculty.