Math 1340-031: College Algebra and Trig
Course outline — Summer III 2008 — Paul Hewitt

This is a 4-credit course whose main goal is to prepare you for calculus. At many universities and colleges this same course is called "Precalculus".

Among the topics covered in this course are functions and graphs, exponential and logarithmic functions, trigonometric functions and applications, systems of simultaneous equations, and topics in analytic geometry.

Students who have credit for Math 1320 or Math 1330 will not earn credit for this course.

You can meet the prerequisites for this course in one of the following two ways:

- Three years of high school math and a course in trigonometry *and* either satisfactory placement test score or satisfactory ACT score.

- Math 0980, Intermediate Algebra.

In particular, it is assumed that you are familiar with the rudiments of the following: linear and quadratic equations, graphs, exponents and radicals, exponential and logarithmic functions, systems of simultaneous equations.

You are required to purchase *both* the workbook and online access for Thinkwell's "Precalculus" by Ed Burger. You can purchase this either at the UT bookstore or at http://thinkwell.com/.

I will answer questions you post on the Thinkwell Discussion Board. In addition I will be in my office, UHall 4080e, Monday–Thursday, 4:15–5:15pm. You can either call or stop by. My phone number there is 419-530-2975.

Your final grade will be based on the following:

- Orientation Quiz (5%): due Wednesday, 11 June.

- Diagnostic Self-Test (5%): due Friday, 13 June.

- Online exercises (10%).

- Online chapter review exams (10%).

- Two in-person, on-paper midterm exams (20% each): Thursday, 26 June and Thursday, 17 July, 2:00–4:00pm, UHall 5260.

- Comprehensive in-person, on-paper final exam (30%): Thursday, 31 July, 2:00–4:00pm, UHall 5260.

If you cannot come to campus for the exams at the scheduled time and place then you must make prior arrangement with me to take the exams at a university testing center.

You will be allowed to use only a nongraphing calculator on the exams.

The final grading scale: A: 90%, B: 80%, C: 70%, D: 60%. I give '+' and '-' grades only sparingly.