



WRIGHT STATE
UNIVERSITY

College of Engineering and Computer Science
Office of the Dean
3640 Colonel Glenn Hwy.
Dayton, Ohio 45435-0001

A Unique Opportunity for
First-Year Students Entering
WSU's Engineering or
Computer Science Programs!
REGISTER BEFORE AUGUST 7TH



Refresh Your Math Skills
Meet Our Faculty and Current Students
Meet Students in Your Freshman Class
Begin Forming Study Groups
and Much, Much More
all before you start college!

August 23-28, 2009



What is Academic Advantage?

Academic Advantage is an intense and innovative program especially designed for first-year students who will enter computer science or engineering programs at Wright State University this fall. The College of Engineering and Computer Science began the Academic Advantage Program in 1993.

Why should I sign up?

The purpose of Academic Advantage is to help entering engineering and computer science students succeed by easing the transition from high school to college. University education in general is a challenging endeavor, and the study of engineering or computer science in particular can be rigorous and demanding. Having the right skills up front—the kinds of skills provided by Academic Advantage—will make meeting the challenge of higher education much easier.

What will I learn?

The focus of the program is on providing students with three distinct advantages:

Advantage #1: Math & Science Skills

Engineers and computer scientists apply the various concepts and principles of mathematics and science in a practical way. In fact, math and science form the very foundation of engineering and computer science today. That's why, in this review, you'll gain valuable experience using math skills and scientific principles to solve practical engineering and computer science problems. One specific goal of this block of instruction is to review and apply algebra and trigonometry concepts to help prepare you for studying college-level calculus, which is required of all engineering and computer science students.

The focus of this instruction is to review the math skills that you need most in your first year of college. Multiple math sections will be offered with the instruction tailored to your specific math skill level. Problem solving sessions will reinforce fundamentals and build your confidence. Whether you need algebra or trigonometry refresher or already have a calculus background, you will benefit from the instruction. Instructors will be members of our College of Engineering and Computer Science faculty.

"This is a great program. My son had the typical apprehension about beginning college, but after a week of Academic Advantage he was ready to begin the quarter with more confidence, a positive view of the faculty and three new friends."

*William Gresham
Parent of an AAP student*

Advantage #2: Study & Success Strategies

For most students, learning how to learn is a hit-or-miss proposition. While learning is a natural ability, learning in college often is not. That's why the Academic Advantage program teaches you the most important academic skill of them all—*how* to learn. The math review will stress how to listen, take notes, and understand difficult concepts more efficiently and effectively.

Advantage #3: Social Interaction

Students will interact with our College of Engineering and Computer Science faculty and students, in and out of the classroom. There will be a Monday night cookout, as well as many other opportunities to talk about WSU college life and how to be a successful student. There will be optional evening activities.

How do I sign up?

If AAP sounds like a program you would be interested in, you can register to attend online at:

www.engineering.wright.edu/aap

LAST DAY TO REGISTER IS AUGUST 7, 2009.

For additional information about AAP, please contact:

Jenny Garringer

College of Engineering and Computer Science

E-mail: jenny.garringer@wright.edu

Phone: (937) 775-5001

You will have lots of fun during AAP!

We will challenge you, regardless of your math level, whether it's college algebra or calculus II.

Did you know?

Last year, approximately 65% of the AAP students that chose to retake their Math Placement Test moved up at least one level. That's one less math course they have to take during their first year.

Students participating in AAP form friendships long before classes even begin.

Students can get acquainted with our facilities and the campus, as well meet current students and faculty members.

Students living in the *Engineering and Computer Science Community* in Hamilton Hall during fall quarter, can move-in early to their permanent room assignment.

There are optional activities available in the evenings (engineering design challenges, flag football, ultimate frisbee, euchre, etc.)