

Attention: First-year Engineering Students!



Have you ever wondered?

1. What engineering tool enabled the Allies to crack the Axis cryptographic codes in World War II?
2. What's the most complex man-made product ever designed?
3. Which engineering discipline employs thousands of engineers and generates several hundred billion dollars in revenue every year?
4. Which engineered product has improved in performance and cost by more than **10,000x** over the last 30 years?
5. What engineering tool enabled the U.S. to win the Cold War in the 1980s?
6. What engineering tool enables modern weather forecasting and climate modeling and countless other previously-unimaginable applications?

Answer: Computers, of course! Consider this:

- Engineers of all disciplines rely on computers for many aspects of their work
- Many of the advanced techniques used in today's microprocessors were invented right here at UW
- Some of the most renowned computer design researchers in the world are on our faculty
- There is a near-100% likelihood that a Wisconsin graduate helped design the computer or processor that you own

Wouldn't you like to join this elite group?

- Or at least learn more about computers and how they work?

Enroll in ECE 379 (3cr), Introduction to Computer Engineering, Spr' 06.

This course is geared for first-year engineering students and will:

- Teach you how computers really operate and how they're built
- Introduce you to concepts that students in the Computer Engineering degree program learn in depth over four years
- Prepare and motivate you for study in this degree program
- Will count towards GCR introduction to engineering requirement

Questions? Send e-mail to **Prof. Mikko Lipasti** (mikko@engr.wisc.edu)

Bonus Question:

What's shown in the picture to the right?

Answer: The WISC

(Wisconsin Integrally Synchronized Computer),
built by Gene Amdahl in the 50s at UW

