



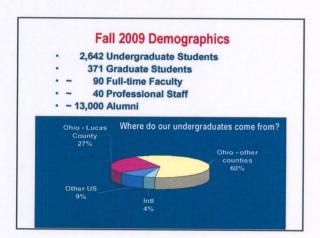


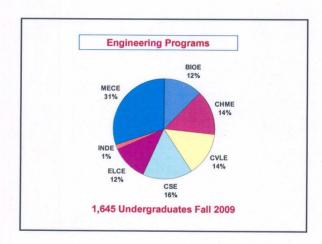
### **Facts & Figures**

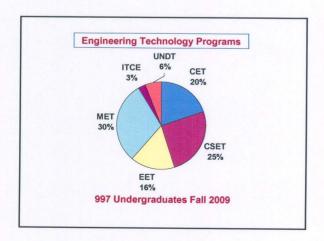
- Six Departments
  - Bioengineering
  - · Chemical and Environmental Engineering
  - Civil Engineering
  - · Electrical Engineering and Computer Science
  - · Engineering Technology
  - Mechanical, Industrial and Manufacturing Engineering

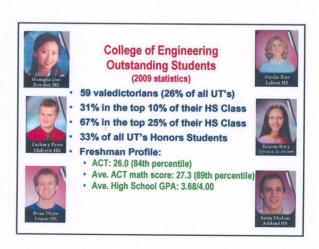
## • 21 Academic Degree Programs

· 12 Bachelors, 7 Masters, & 2 PhD degrees

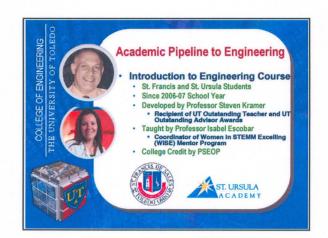












## **Guiding Philosophy**

We recruit a graduating class, not a freshman class.

### **Recruitment & Retention**

### Enrollment

- · New Engineering DHS students have steadily increased since 2004 (+46%).
- · Total college enrollment up 7.8% since 2008.

### Retention

· 83% retention of Engineering students at UT from 1st to 2nd year compared to less than 50% in early 1990's.

· 5 year FYFTb graduation rate increased from 32% to 55%.

### **Commitment to Student Success**

- Admission standards with the expectation of student success.
- Direct admission to the major.

  One-stop, dedicated student services area in every department
   Undergraduate Director (Academic Advisor) and Academic
  Program Coordinator (full time staff support).

- Freshman Interest Groups (FiGs).
  First Year Rocket Engineers (FYRE).
  Center for Academic Success in Engineering (CASE).
- Award winning faculty in early engineering classes.

  Mandatory co-op program with intensive career guidance and integrated professional development/Engineering Career Management Center.
- Thriving Honors Program with student research requirement.
- Minors in Business Administration, Chemistry, Computer
- Engineering Library and Librarian.
- Commitment to an outcomes based assessment culture.

### Cooperative Experience Plans

1	Plan A			PI	
	Fall	Spring	Summer		Fall
Year 1	Course Work	Course Work		Year 1	Course Work
Year 2	Course Work	Coop Exp.	Course Work	Year 2	Course
Year 3	Coop Exp.	Course Work	Coop Exp.	Year 3	Course
Year 4	Course Work	Coop Exp.	Course Work	Year 4	Coop Exp.
Year 5	Course			Year 5	Course

Plan B					
	Fall	Spring	Summer		
Year 1	Course Work	Course Work			
Year 2	Course Work	Course Work	Coop Exp.		
Year 3	Course Work	Coop Exp.	Course Work		
Year 4	Coop Exp.	Course Work	Coop Exp.		
Year 5	Course Work	2			

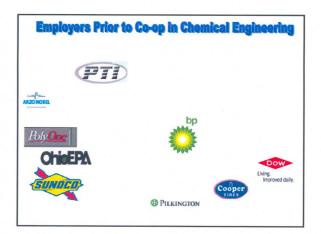
- · One of 8 mandatory engineering co-op programs in the U.S. (started in 1997).
- Minimum 1 year of co-op experience required.
- Work begins in sophomore year.
- College-based Career Management Center identifies placement opportunities for our students.

### 2009 Average Coop Wages

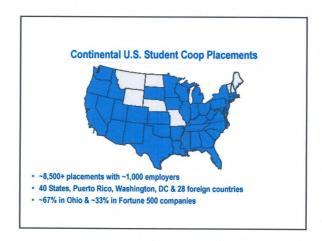
Average of \$16.29/hr full time for 16 weeks

~\$10,425 per Co-op Term

Estimated 2009 Payroll → \$9.6M
Estimated 2009 Economic Impact → \$24M



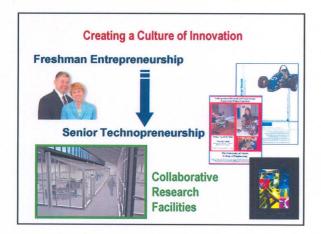


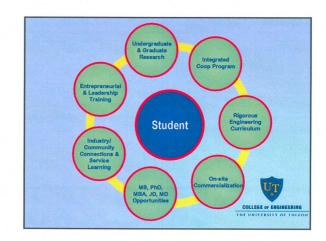




# Academic Enhancement Opportunities

- Senior Design Clinic
- · Undergraduate research
- Senior Design & Undergraduate Research Exposition twice yearly
- Business minor
- Honors Program
- MBA, MD & JD degree opportunities post graduation
- Freshmen entrepreneurship







## **Thank You**

For more information, please contact:

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Please visit our college website at www.eng.utoledo.edu

