

Summer Study in the United States

@ Lawrence Technological University

June 6 – July 1, 2005

It's Your Future in the Making

Lawrence Technological University, located in Southfield, Michigan, a suburb of Detroit, offers international students the opportunity to develop cross-cultural engineering skills through its Global Engineering Program. This summer, Tecnológico de Monterrey engineering students can study at Lawrence Tech for four weeks, earn university credits in English-language courses, and explore one of America's great technological and industrial centers.



THE LAWRENCE TECH ADVANTAGE

- Small class sizes for close interaction with faculty
- Faculty with real-world industry experience
- A suburban campus located in the heart of the Detroit metropolitan area, home to the world headquarters of the Big Three automakers and many Tier 1 and Tier 2 automotive suppliers



THE COURSES OFFERED FOR SUMMER STUDY

Engineering Cost Analysis

Lecture, 2 hours credit

Basic development of the cost consequences of engineering decision-making. Interest calculations, cash flow equivalences, present worth, annual cash flow, rates of return, incremental analysis, and other analytical approaches. Depreciation, income taxes, and replacement analysis.

Vehicle Dynamics

Lecture, 3 hours credit

Fundamentals of vehicle dynamics with focus on acceleration, braking, ride and handling, steering tire dynamics, and vehicle instability (e.g., rollover).

Special Topics in Automotive Engineering

Lab, 1 hour credit

Exploration of American business and industry trends. Students will visit Detroit-area automotive engineering design, test, and manufacturing facilities.



MONTERREY TECH STUDENTS WILL:

- Interact with Lawrence Tech students in both the classroom and in extracurricular social and cultural activities
- Engage in courses taught from a real-world perspective with practical examples of relevant applications
- Take field trips to nearby manufacturing, research, and development facilities of major automotive OEM's and Tier 1 automotive suppliers
- Live in university apartment-style rooms with fully equipped kitchens



CONTACT US

Detailed information, including an application, is available on our website http://www.ltu.edu/engineering/gep_mexico.asp. For more information, contact the director of admissions at (248) 204-3177 or admissions@ltu.edu.

“ Lawrence Tech has been a great experience for me. My teachers and classmates shared their experience and knowledge and perfectly complemented my studies in automotive engineering. I am really proud of being a student at Lawrence Tech. ”

*Eugenio A. García
Mechatronics*

LAWRENCE
TECHNOLOGICAL
UNIVERSITY®

OFFICE OF ADMISSIONS

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