



LAWRENCE TECHNOLOGICAL UNIVERSITY
 OFFICE OF ADMISSIONS
 21000 WEST TEN MILE ROAD
 SOUTHFIELD, MICHIGAN 48075-9655

POSTAGE WILL BE PAID BY THE ADDRESSEE

FIRST-CLASS MAIL PERMIT NO. 993 SOUTHFIELD MI

BUSINESS REPLY MAIL



NO POSTAGE
 NECESSARY
 IF MAILED
 IN THE
 UNITED STATES



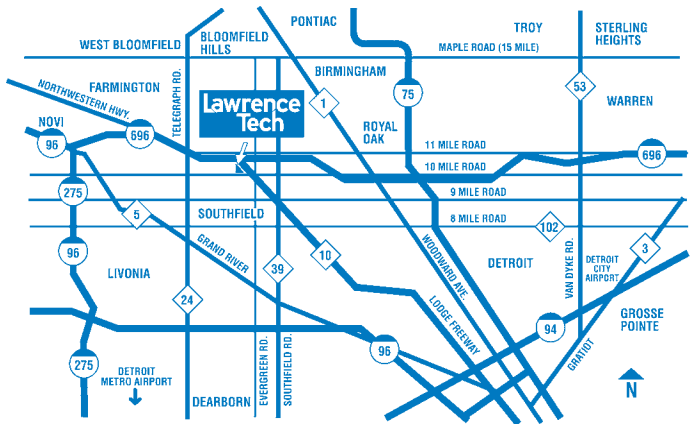
March 19 Schedule

- 8:30 – 9 a.m.**
Registration and Continental Breakfast
- 9 – 9:20 a.m.**
Welcome
- 9:30 – 10:25 a.m.**
Session 1
- 10:30 – 11:25 a.m.**
Session 2
- 11:30 a.m. – 12:25 p.m.**
Session 3
- 12:30 p.m.**
Lunch

For more information or to RSVP, call 800.CALL.LTU, email admissions@ltu.edu, or register online at ltu.edu/futurestudents/upcoming_events.asp

Lawrence Tech offers nearly 100 undergraduate, master's, and doctoral programs in Colleges of Architecture and Design, Arts and Sciences, Engineering, and Management.

Directions to Lawrence Tech
 Lawrence Tech's campus is situated on the northwest corner of the intersection of Ten Mile Road and Northwestern Hwy. (M-10, Lodge Fwy.), south of I-696. The main entrance is on Ten Mile Road, just west of Northwestern.



Leaders in the Making

Lawrence Technological University
 Office of Admissions
 21000 West Ten Mile Road
 Southfield, MI 48075-1058
ltu.edu

NONPROFIT ORG
 U.S. POSTAGE
 PAID
 LAWRENCE
 TECHNOLOGICAL
 UNIVERSITY

Lawrence Technological University

exploration day

March 19, 2010

8:30 a.m – 1 p.m.

You are invited to Lawrence Technological University's Exploration Day on Friday, March 19, 2010. This event is for high school sophomores, juniors, and seniors interested in exploring dynamic career and education options. Participate in three interactive, hands-on sessions specially designed to expose you to the rich variety of programs at Lawrence Tech. Join us and be inspired and challenged by Lawrence Tech professors.

ARCHITECTURAL ENGINEERING

Did you know that buildings consume almost 50 percent of the world's total energy? As an architectural engineer with expertise in both engineering and architecture, you can help to plan, design, construct, renovate, and operate energy-efficient, "green" structures in which to live, work, and play.

ART AND ARCHITECTURE COLLAGE

Using examples of famous collages created by artists and architects, you will explore spatial ideas by compressing four-dimensional images into two-dimensional space.

**AUDIO ENGINEERING TECHNOLOGY
CONSTRUCTION MANAGEMENT
ENGINEERING TECHNOLOGY**

Engineers have always been at the forefront of new and emerging technologies. Combining creativity with their knowledge of mathematics and science, they find innovative solutions to society's problems, create products that benefit mankind, and design processes that ultimately change the way we live. During this session, you'll explore three very different disciplines within the field. Learn how audio engineers help to bring arts and entertainment – even science – to life. Discover the crucial role construction managers play in the overall building process. And talk with seasoned engineering technologists about how they put their ideas to work.

BIOLOGY

Discover how the biological sciences have revolutionized our world, propelling advances in medicine, veterinary science, agriculture, wildlife conservation, education, and many other areas.

BIOMEDICAL ENGINEERING

Experiment with professional test equipment, measuring and interpreting physiological signals and data to see how biomedically engineered products can contribute to the health and well-being of individuals and society.

BUILDING STRUCTURAL COMPETITION

Use common materials to create a weight-bearing structure in a team competition to see which architectural design will support the heaviest load.

BUSINESS MANAGEMENT

You have 50 minutes, a toolbox of materials, and your drive to succeed – what will you create? You'll develop a business idea, an initial budget, and a marketing plan. At the end of the session, you will present your ideas and compete to win prizes.

CIVIL ENGINEERING

Build a better, more sustainable future! Civil engineers design and build bridges, roads, harbors, stadiums, and the infrastructure that is the foundation of society. They also protect and restore the environment. You'll explore innovative research happening right here at Lawrence Tech while participating in lab activities.

COMPUTER SCIENCE

Computers rule, right? How would you like to rule computers? Master the machine through robotics, gaming, computer security, computer graphics, animation, data mining, Internet development, network administration, and more.

DESIGNING WITH ARCHITECTURAL MODELS

Create a study-scale model of a retreat beach house for a rock star, focusing on design quality, crafting, and how well the model conveys the design concept. This is a double-length session.

DIGITAL ARTS

Explore the use of graphics, images, and objects in time-based media involving motion graphics, web design, animation, game development, and architectural conceptualization.

ELECTRICAL AND COMPUTER ENGINEERING

Virtually every aspect of modern life is touched by computers and electronics. Meet seasoned engineers and tour the labs that contain analog electronics, digital electronics, and control systems. Build a musical instrument to take home.

ENGLISH AND COMMUNICATION ARTS

Strong communication and critical thinking skills can help you become a leader in a variety of professions, including business and industry, government, and education. Discover the advantages of being a proficient writer and speaker in today's technological world.

FORENSICS

Use state-of-the-art equipment to explore one of the following topics: DNA fingerprinting, drug testing, hair and fiber analysis, ballistics, gun-shot residue testing, or blood detection using fluorescence analysis.

GRAPHIC DESIGN

Explore techniques used in the ever-expanding field of graphic design that incorporate skills in the fine arts, design, and computer technology.

INDUSTRIAL OPERATIONS ENGINEERING

Explore how engineering and finance overlap and why some enterprises succeed and others fail. Develop strategies for businesses to compete in an ever-changing global environment using modern simulation software.

INFORMATION TECHNOLOGY

As businesses rely more and more on technology to increase productivity, the demand for IT professionals who know how to design and use that technology – and how that technology serves the business as a whole – is growing. Find out if IT is the right field for you as you engage in a friendly Jeopardy-style battle of wits for a chance to win prizes!

INTERIOR DESIGN

Interior designers respond to a variety of human needs to design inviting indoor spaces. Design and create a space plan for an interior that includes specifying the furniture, color scheme, and finish selection.

MATHEMATICS

Mathematics holds the key to understanding and managing, if not actually controlling, the world around us. Learn how mathematics impacts almost every aspect of modern life, from personal finances to the stock market, from computer bits and bytes to global information networks. Mathematicians answer questions, solve problems, and manage uncertainty – you can too!

MECHANICAL ENGINEERING

Ever wonder how you get electricity from wind? How cars can be made more energy efficient? How an airplane can lift five times its own weight? Explore these questions, see student-designed race cars, and find out how energy systems, machine design, fluid dynamics, materials design, metallurgy, and other disciplines work together to make the world a better place.

MEDIA COMMUNICATION

Media communication professionals work in a wide array of careers, including television and video production. Learn what it takes to be a writer, producer, director, and video editor.

PHYSICS

The exploration of the principles that govern the universe has led to many of the modern world's great inventions. Have fun with some of these physical principles and learn about career opportunities in this exciting field.

PSYCHOLOGY

Career paths in the life sciences are growing at an incredible pace. Experience how majoring in psychology at Lawrence Tech will provide you with the education and skills required by employers and graduate schools.

RAPID SKETCH

Capture your ideas through quick sketching exercises in a design studio environment, bringing your concepts to life in ways you may not have tried before.

PRODUCT AND TRANSPORTATION CONCEPT DESIGN

Do you have a passion for drawing and an ability to generate ideas to improve products? Do you have what it takes to make cars or products more cool or futuristic? Find out how design and engineering are integrated to create the most exciting new vehicles and how you can find a place in this dynamic, competitive field. In this program, you'll have the opportunity to design new vehicle concepts, products, apparel, and graphics, and create animation videos.

Some activities are outdoors. Please dress for the weather! See reverse for schedule and directions.

Yes, I want to attend Exploration Day at Lawrence Tech!

EMAIL _____

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

HOME PHONE _____ BIRTH DATE _____

HIGH SCHOOL _____ YEAR OF GRADUATION _____

1.10

Choose three sessions. If you pick Designing with Architectural Models, choose only two.

- Architectural Engineering
- Art and Architecture Collage
- Audio Engineering Technology/ Construction Management/ Engineering Technology
- Biology
- Biomedical Engineering
- Building Structural Competition
- Business Management
- Civil Engineering
- Computer Science
- Designing with Architectural Models (two sessions long)
- Digital Arts
- Electrical and Computer Engineering
- English and Communication Arts
- Forensics
- Graphic Design
- Industrial Operations Engineering
- Information Technology
- Interior Design
- Mathematics
- Mechanical Engineering
- Media Communication
- Physics
- Product and Transportation Concept Design
- Psychology
- Rapid Sketch

Mail this card, fax it to 248.204.2228, or register online at ltu.edu/futurestudents/upcoming_events.asp. If you are planning to attend in a group from your high school, give this card to your counselor or teacher to send with the others.

Please respond by Friday, March 12.