Summer Odyssey

Embark on a journey to a new destination.
Enroll in Summer Odyssey today!

Summer 2005

Look Inside...
Dear Parents,

Welcome to Summer Odyssey 2005! Let your child embark on a journey of learning and excitement here at Lawrence Technological University with the chance to create a video game adventure, program and build a working robot, construct a wooden model of their dream home, or explore space! We invite you to discover Summer Odyssey as an exciting opportunity for your child to grow and learn in a college environment.

Continuing in our tradition of learning from our participants, we have added several new elements to this year’s exciting programs:

New this summer:
• A behind-the-scenes look at what it really takes to build and design a video game.
• An exciting and fun Air & Space Camp in which your child will explore the phenomena of flight and propulsion, identify constellations and planets in a mobile planetarium, and learn what it feels like to be an astronaut in a simulated shuttle mission.

In addition to our new Air & Space Camp, we offer a number of different sessions to attend including:
  - Animal Safari Camp (Ages 5–10)
  - Voyagers & Explorers (Ages 11–14)

Voyagers & Explorers
Students will create their very own video game adventure, design and build an architectural model, build a Lego robot, rebuild a computer, and create a webpage.

All programs offer:
  • A full day of learning (please see the schedule for session hours)
  • Supervision for the duration of the program
  • Convenient drop-off and pick up locations
  • A tote bag for each child
  • Discounts for multiple children or sessions

Make this a rewarding and memorable summer by enrolling your child in Summer Odyssey 2005. Join us for our open house on Wednesday, June 15 and learn first hand about each of our sessions. R.S.V.P. by calling 248.204.4050. We look forward to seeing you this summer!

Sincerely,

Victoria Navarro
Director of Continuing Education & Professional Development
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<th>DATE</th>
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<td>JULY 11 - JULY 15</td>
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<td>JULY 18 - JULY 22</td>
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<td>Animal Safari Camp*</td>
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*Latch key is available for Air & Space Camp and Animal Safari Camp.

Time: 3:00 - 6:00 p.m.  Fee: $50
Please call 248.204.4050 for details.

**SUMMER ODYSSEY OPEN HOUSE**
When: Wednesday, June 15, 2005
Where: University Technology Learning Center Galleria
Time: 6:00 - 8:00 p.m.
R.S.V.P. Today!
Call 248.204.4050 or email us at contedu@ltu.edu.
Odyssey Descriptions

VOYAGERS (Ages 11-14) 9:00 a.m. – 4:30 p.m.

Computer-Aided Design 9:00 – 10:30 a.m.
Students will create computer-generated architectural designs and drawings. The drawings will then be used to make models during the wood shop modeling session. Students will gain basic knowledge of computer-aided design in architecture and how architects transform two-dimensional drawings into three-dimensional forms.

Basic Wood Model Design 10:45 a.m. – 12:15 p.m.
Do you want to become an architect? Here’s your chance. You will plan and build a scale model using basic woodworking techniques (cutting, sanding, gluing, and measuring). You will use our College of Architecture and Design’s lab and woodworking machinery, as well as some hand tools, with supervision.

LUNCH: 12:30 – 1:00 p.m.

Lego Robots I 1:15 – 2:45 p.m.
Are you interested in robots? Would you like to build something that really works? Now is your chance. You will learn the technology of building machines with a form of artificial intelligence through designing, building, and programming a Lego robot. Participants will work as a team to generate ideas and implement the designs they create. A fun activity with the participants’ robots will end the session.

Computer Diagnosis 3:00 – 4:30 p.m.
Students will explore what actually makes the computer work as they rebuild a computer. From the hard drive to the system board, students will learn where each part goes and what it does for the computer. The knowledge gained in this session will help students diagnose and fix hardware problems.

Voyagers Session Fee: $299

CHOOSE FROM TWO CONVENIENT SESSIONS:
July 11 – July 15, 2005
July 25 – July 29, 2005
SIGN UP FOR SEVERAL SESSIONS AND SAVE
(see page 8 for details)

EXPLORENS (Ages 11-14) 9:00 a.m. – 4:30 p.m.

Video Game Design 9:00 a.m. – 12:15 p.m.
Do you enjoy playing video games? If so, here is an excellent opportunity for you to not just play video games, but design them as well. You will get a behind-the-scenes look at what it takes to build video games as well as complete a video game design project of your own.

LUNCH: 12:30 – 1:00 p.m.

Lego Robots II 1:15 – 2:45 p.m.
Are you familiar with robots? Have you taken Lego Robots I? Now is your chance to take Lego Robots II. New to robots? Don’t worry, our curriculum will be modified to accommodate new learners as well. Advance your knowledge of Lego Robots with fun team activities.

Web Design 3:00 – 4:30 p.m.
Students will learn how to design and edit their own webpages. Students will explore the Web to incorporate exciting Web elements such as animation, sound, graphics, and information links.

Explorers Session Fee: $299

CHOOSE FROM TWO CONVENIENT SESSIONS:
July 18 – July 22, 2005
August 1 – August 5, 2005
SIGN UP FOR SEVERAL SESSIONS AND SAVE
(see page 8 for details)

“I learned a lot and made many new friends.”
-Fallon Fortune
AIR & SPACE CAMP
(Ages 5-10)

9:00 a.m. – 3:00 p.m.
Our five-day mission: to explore the strange physical phenomena of flight and propulsion. To seek out and identify constellations visible in the night sky. To boldly go where no day camp has gone before!

Air & Space Camp brings the sky-high excitement of aerospace within reach of children by starting with the most successful flying family in history. The Wright Brothers? No, birds! Inspired by nature and guided by our highly qualified science educators, campers make their own airplanes, rockets, hovercrafts, kites, and parachutes to learn about lift, drag, turbulence, and other aerodynamic principles.

And how will future astronauts find their way into the unknown? Visits to our mobile planetarium open up the wonders of stars and planets in the night sky. A simulated shuttle mission will cap off this exciting week!

July 18 – July 22, 2005

Air & Space Camp Fee: $259

Brought to you in conjunction with the Living Science Foundation

“I had a lot of fun at Lawrence Tech. It was an awesome learning experience, and I may consider attending Lawrence Tech as a college.”

-Wesley Niemisto
ANIMAL SAFARI CAMP
(Ages 5-10)

9:00 a.m. – 3:00 p.m.
Join us for an unforgettable expedition of scientific discovery! Each day campers will see, touch, and even hold a variety of live, exotic animals.

Under the guidance of our highly qualified science educators, children will learn a great deal from their personal encounter with wildlife. The habitat-based curriculum of Animal Safari Camp explores the various lifestyles of the world’s animals.

We’ll study ground-dwelling creatures, examining adaptations for burrowing and running the open plains. A closer look at life in the trees introduces campers to the world’s forested habitats. From the mysterious tropical rainforests to our own deciduous ones, we’ll investigate animals adapted for climbing, holding on, and jumping. A day devoted to life in the water examines both freshwater and marine ecosystems and incorporates activities at our specially designed Touch Tanks.

We’ll also meet animals that take to the air, focusing on topics such as the mechanics of bird flight and bat echolocation.

A concluding, “Safari Drive” encourages children to use critical thinking skills to evaluate humankind’s very own habitats and adaptations.

Animal Safari Camp Fee: $259

August 1 – August 5, 2005

Brought to you in conjunction with the Living Science Foundation

“The most potent way to introduce children to science is with living things.”

-Dr. Margaret Mead
Guidelines & Registration Information

Safety and Program Guidelines
• If you are picking up your child early, please inform the Division of Continuing Education.
• Cell phones are not permitted in class.
• Pick-up and drop-off locations will be:
  - University Technology and Learning Center for the Explorer and Voyagers.
  - Corporate Services Center/Continuing Education Building for Animal Safari and Air & Space Camp.
• Children should wear comfortable clothes.
• Talk with your child about safety issues in all public places such as Lawrence Tech.
• Appropriate behavior is expected. Students may be expelled for misbehavior.
• Parents are responsible for their children before and after the time they are officially in class. We suggest that parents discuss drop-off and pickup arrangements with their children prior to the first class.
• If a child arrives late in the morning, the parent/guardian must escort the child to class.
• Children must be picked up on time. Late pickups will be charged $10 for each fifteen minutes past dismissal time.
• Lawrence Tech staff and faculty members will not dispense medications. They are not properly trained or staffed to do so.
• Please follow the grade-appropriate guidelines listed next to each session. We reserve the right to reassign a child to a grade-appropriate class.

Payment Options
The following are accepted: cash, checks, MasterCard, Discover, and Visa.

Registration Policy
• Registrations are taken on a first-come, first-served basis.
• Full payment is required to process a registration. Partial payments cannot be accepted.
• A completed Emergency Form must accompany all registrations. Registrations will be delayed until an Emergency Form is provided.
• Registrations will be confirmed by mail within one week of their receipt by the Division of Continuing Education.

Register Now — It’s Easy
BY MAIL: Lawrence Technological University Division of Continuing Education & Professional Development 21000 West Ten Mile Road Southfield, MI 48075-1058
BY EMAIL: Contedu@ltu.edu
BY PHONE: 248.204.4050 or toll free 800.225.5588, ext. 54
BY FAX: 248.204.4017
IN PERSON: Division of Continuing Education Corporate Services Complex 21255 Civic Center Drive Southfield, MI 48075-1058

Cancellation Policy
To withdraw a child from Summer Odyssey 2005, written notification must be submitted to the Division of Continuing Education. Partial refunds may be granted if written notification is received seven days prior to the event start date. After that time, refunds will not be granted.
• A $60 administrative fee will be assessed for all cancellations.
• Returned check charge: $60
• The University reserves the right to cancel activities that do not meet minimum enrollment or for other good cause.
• Instructors may be substituted as deemed necessary.

Notice of Non-Discriminatory Policy
Lawrence Technological University adheres and conforms to all federal, state, and local civil rights regulations, statutes, and ordinances. No person, student, faculty, or staff member will knowingly be discriminated against relative to the above statutes. LAWRENCE TECHNOLOGICAL UNIVERSITY IS AN EQUAL OPPORTUNITY EMPLOYER.
SUMMER ODYSSEY 2005 REGISTRATION FORM
Please submit a separate form for each child.

Age _____  Date of Birth _______ - _______ - _______  Gender: M___  F___

STUDENT'S NAME         LAST FIRST MI

ADDRESS CITY STATE/ZIP

NAME OF PARENTS OR LEGAL GUARDIAN  HOME PHONE  WORK PHONE

PARENT’S EMAIL ADDRESS

Voyagers and Explorers Camp  Ages 11–14
Session 1: July 11 – 15  Voyagers _____ $299
Session 2: July 18 – 22  Explorers _____ $299
Session 3: July 25 – 29  Voyagers _____ $299
Session 4: August 1 – 5  Explorers _____ $299

Air & Space Camp
July 18 – 22  _____ $259  Latch Key: _____ $50

Animal Safari Camp
August 1 – 5  _____ $259  Latch Key: _____ $50

IF ELIGIBLE, PLEASE CHOOSE ONE DISCOUNT. ONLY ONE DISCOUNT MAY BE SELECTED.
10 percent discount for multiple family members _____
10 percent discount for multiple sessions _____

Total Amount Enclosed: $____________________

Enclosed is my  ❑ Check  ❑ Money Order: Make check payable to Lawrence Technological University.

Charge to ❑ VISA  ❑ MasterCard  ❑ Discover
Card No. ___________________________________  Exp. Date ____ _______ Total: $__________

SIGNATURE IS REQUIRED AND SIGNIFIES YOUR AUTHORIZATION FOR CHARGE CARD PAYMENT.

www.continuinged.ltu.edu
SUMMER ODYSSEY 2005 EMERGENCY CONTACT FORM

PLEASE SUBMIT A SEPARATE FORM FOR EACH CHILD.

Student’s Name: ____________________________________ Grade: ________ Date of Birth: __________________________

Parent or Legal Guardian Name: ________________________________________________ Relationship: ________________

Phone Number While Student is in Class: ____________________________________________________________________

Additional Contact Name: _____________________________ Relationship: _____________ Phone: ____________________

Child’s Doctor: ______________________________________________________________ Phone: ____________________

Address: ________________________________________________________________________________________________

Doctor’s Hospital Affiliation: ____________________________ Address: __________________________________________

Medical Information: None _____ Allergies ______________ (kind) Diabetes _____ Other ____________________________

Please describe symptoms and precautions:
____________________________________________________________________________________________________
____________________________________________________________________________________________________

Any other medical information we should know:
____________________________________________________________________________________________________
____________________________________________________________________________________________________

Insurance Company Name: ______________________________________________________________________________

Insurance Company Address: ____________________________________________________________________________

Insurance Policy No.: __________________________________________________________________________________

THIS WAIVER RELEASE MUST BE SIGNED FOR ODYSSEY PARTICIPANTS:

As the Parent/Guardian, I certify that my son, daughter, or ward has my permission to participate in this program. I agree to indemnify and hold harmless Lawrence Technological University, its officers, agents, and employees for any loss or injury that my child __________________ may sustain while participating in the Summer Odyssey program. In case of an emergency, I ask Lawrence Technological University to contact the adults listed above. If Lawrence Tech is unable to reach either person, I authorize Lawrence Tech to secure emergency medical treatment for my child. I will assume any liability for damaged or lost property due to my child’s actions. My signature indicates that I have read and understand the safety and program guidelines on page 7. Unless otherwise indicated below, I give my consent for my child to be photographed or videotaped for promotional purposes. I do not expect compensation for any use of photos and videos of students in the learning environment when used for promotional purposes by Lawrence Tech.

Parent/Guardian Signature _________________________________________________________ Date __________________

☑ Declination: I do not give permission for my child to be photographed or videotaped.
Division of Continuing Education &
Professional Development &

21000 West Ten Mile Road
Southfield, MI 48075-1058
800.CALL.LTU, ext. 54
WWW.CONTINUINGED.LTU.EDU

Summer Odyssey
Summer 2005

Register Now!