

LOGISTICS ENGINEERING TECHNOLOGY

2016 Early College Experience

During the second summer, the LET project team piloted an Early College Experience focusing specifically on Logistics Engineering Technology. The two-day summer camp featured hands-on laboratories, college readiness activities, and a tour of Boar's Head Brand's automated distribution center. Focusing the camp specifically on LET allowed the project team to design activities and laboratories that more directly relate to the careers and subject matter of LET. Over the course of the two day camp, students reported an increase in the positive attitudes related to LET technician as a career option.

PARTICIPANT DEMOGRAPHICS

- 22 high schools students entering grades nine through twelve
- 10 Central Ohio high schools represented
- 6 females (27%) and 16 males (73%)

KEY ACTIVITIES

- Logistics engineering technology overview
- Egg-drop packaging activity
- Industrial systems technology lab
- Programming and simulations with Greenleaf
- Campus tour & scavenger hunt
- Tour of an automated distribution center

RECRUITMENT STRATEGIES

- Meetings with high school STEM instructors and guidance counselors
- Interactive presentations to high school technology classrooms
- Email and paper mailings to area high school STEM teachers, guidance counselors, parent teacher associations, and Columbus Metro Libraries Homework Help Centers
- Promote program to preexisting college outreach partners (e.g. Upwards Bound, Education
- Email and paper mailings of LET Early College Experience Flyer to high school STEM faculty, guidance counselors, parent teacher associations, Columbus Metro Libraries Homework Help Center, Educational Talent Search, and Admissions)

KEY FINDINGS

- Students are interested in participating the program due to its focus on engineering and science.
- Over the course of the two day camp Year 2 summer camp, students reported a statistically significant increase in the positive attitudes related to LET technician as a career option and their interest in pursuing LET as a career.
- Both open-ended comments and 5-point scale counterfactual items indicated that the facility tour and hands-on activities were the most interesting aspect of the camp.



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COLUMBUS STATE
LOGISTICS ENGINEERING
TECHNOLOGY

Program Flyer

Logistics Engineering Technology Early College Experience

Explore Columbus State's newest STEM career pathway

**Join us for a two-day
summer camp focusing
on Logistics Engineering!**

June 16 - 17, 2016

9:00 AM - 4:00 PM

- Participate in interactive labs
- Tour an automated distribution center and the CSCC campus
- Learn about careers in logistics & engineering
- Meet industry professionals and current college students

**Registration is limited to 25
students - Apply by June 1**

WHAT IS LOGISTICS ENGINEERING TECHNOLOGY?

Logistics Engineering Technology (LET) is a new multi-disciplinary program combining logistics, engineering, and computer science. Logistics engineering plays an important role in helping business improve the efficiency and productivity of their systems and supply chains. The program focuses on how the infusion of advances in robotics, data tracking, and new technologies is revolutionizing supply chain operations.

WHO?

- Current high school students entering grades 9-12 and recent high school graduates
- Students interested in exploring STEM (science, technology, engineering, and math) majors and careers

WHY?

- Increase your awareness and interest of STEM-related careers
- Facilitate a smooth transition from high school to college
- Develop critical college success skills

For more information or to apply e-mail:

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2016 Early College Experience Agenda

JUNE 16, 2016	DAY 1	LOCATION	LEAD
8:45am – 9:00am	Student Check-In	WD Lobby	Monique
9:00am – 9:20am	Welcome & Staff Introductions (Tara) 5 minute delay Welcome & Staff Intro (5 minutes) Summer Camp Overview & Ground Rules	WD 353	Tara
9:20am – 9:45am	Ice Breaker	WD 353	Monique
9:45am – 11:15am	Logistics Engineering Technology Overview & Packaging Activity	WD 353	Lee Blyth Tara
11:15am – 11:45am	Lunch		
11:45am– 1:30pm	Admissions Tour / Campus Scavenger Hunt 15-minute admissions overview 45 minute tour 45 minute scavenger hunt	Campus / WD 353	SEaL
1:30pm – 1:45pm	Break		
1:45pm – 3:45pm	Rotating Lab 1	EB 306 / EB 403	Trevor / Peter
3:45pm – 4:00pm	Wrap-up	WD 353	Tara & Monique
4:00pm – 4:15pm	Student Pick-Up	WD Lobby	Monique

JUNE 17, 2016	DAY 2	LOCATION	LEAD
8:45am – 9:00am	Student Check-in	WD Lobby	Monique
9:00am – 11:00am	Rotating Lab 2	EB 403 / EB 306	Trevor / Peter
11:15am – 11:45am	Travel	WD Lobby	Monique
11:45 – 12:30pm	On-site Lunch / Overview	Boar's Head	Boar's Head Staff
12:30pm – 2:30pm	Tour & Panel	Boar's Head	Boar's Head Staff
2:30pm – 3:00pm	Travel	Boar's Head	Monique
3:00pm – 4:00pm	Survey & Certificates Awarded	WD 353	Tara
4:00pm – 4:15pm	Student Pick-up	WD Lobby	Monique

	INDUSTRIAL SYSTEMS TECHNOLOGY LAB	GREENLEAF PROGRAMMING LAB
Day 1: 1:45pm – 3:45pm	Blue Team - Tara	Grey Team - Monique
Day 2: 9:00am – 11:00am	Grey Team - Monique	Blue Team - Tara



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