

COLLEGE OF ECST
20th
ANNUAL

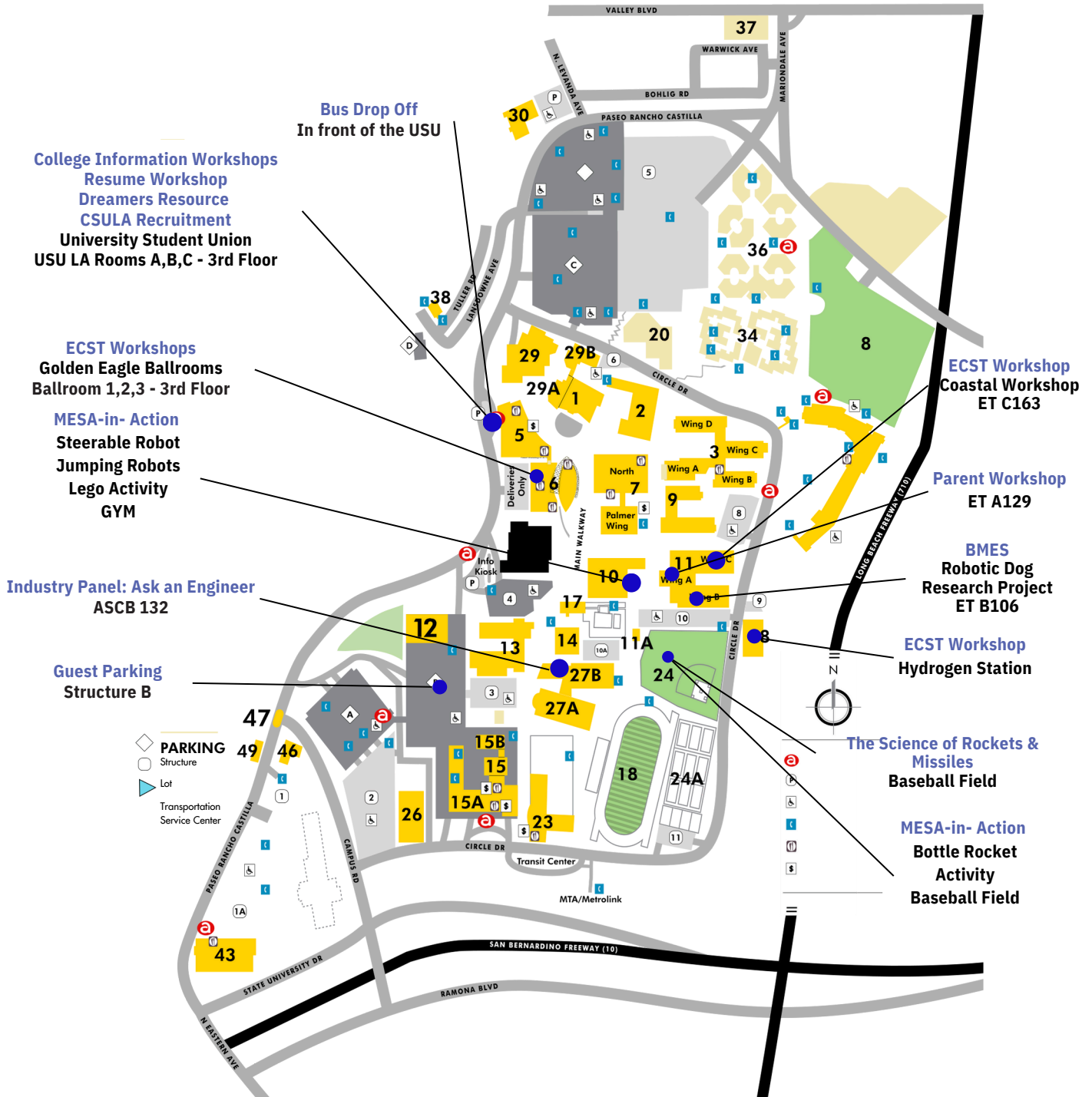
MESA STEM DAY



OCTOBER 19, 2024



MESA STEM DAY





20TH ANNUAL MESA STEM DAY

Saturday, October 19, 2024

TIME	ACTIVITY	LOCATION
7:45 A.M. - 8:45 A.M.	ARRIVAL <ul style="list-style-type: none">• Industry Professionals• University Participants• Middle School Participants• High School Participants	<ul style="list-style-type: none">• Parking Structure B• Bus Drop Off In front of University Student Union (USU)
7:45 A.M. - 8:45 A.M.	Registration	Gym (Outside)
9:00 A.M. - 9:30 A.M.	WELCOME AND OVERVIEW Nancy Warter-Perez, Ph.D. Dean, College of ECST, Cal State LA Patrick Day VP for Student Life and Enrollment Management, Cal State LA Adriana Tellez ECST MESA Director, Cal State LA	GYM
9:30 A.M. - 12:00 P.M.	WORKSHOPS 1} 9:40 a.m. - 10:20 a.m. 2} 10:30 a.m. - 11:10 a.m. 3} 11:20 a.m. - 12:00 p.m.	See Program Details
12:00 P.M.	LUNCH	GYM (in front of Gym)
1:00 P.M.	ADJOURN	

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WORKSHOPS ACTIVITIES

Workshops

- 1) 9:40 a.m. - 10:20 a.m.
- 2) 10:30 a.m. - 11:10 a.m.
- 3) 11:20 a.m. - 12:00 p.m.

Below are the activities and workshop names, presentors, and locations.

ACTIVITY/ WORKSHOP	PRESENTORS	LOCATION
Ask An Engineer Panel	Dr. Daniel Galvan	Rosser Hall ASCB 132
ECST Workshop : Electrical Department EV Vehicle Activity	Dr. Curtis Wang and Dr. Maruf Abdullah	GE Bllrm 1
ECST Workshop : Technology Department 3D Printing	Dr. Mauricio Castillo & Dr. Ankit Gupta	GE Bllrm 2
ECST Workshop : Technology & Aviation Department Cloud in a Bottle	Dr. Rachel Friedman	GE Bllrm 3
ECST Workshop : Civil Engineering Coastal Water Activity	Dr. Joseph Lucey	ET C163
Hydrogen Station Tour	Dr. David Blekman	Hydrogen Station
BioMedical Engineering Society (BMES)- Robotic Dog Research Project	Serigo Marquez & BMES	ET B105
Resume Workshop	Cambrian Sorel	USU LA Room (A)
Erika J. Glazer Family Dreamers Resource Center (Session 1 & 2 only)	Diana Matamoros	USU LA Room (B)
Cal State LA Admissions & Information	Cal State LA Admission & Recruitment	USU LA Room (C)
MESA-In-Action: Steerable Robot	Dr. Maritza Sanchez & Society of Hispanic Professional Engineers (SHPE)	Gym (Lower Level)
MESA-In-Action: Jumping Robot	Dr. Christopher Bachman & ECST Baja SAE	Gym (Lower Level)
MESA-In-Action: Lego Activity	Carolina Gonzalez	Gym (Upper Level)
MESA-In-Action: Arduino Workshop	Veronica Sifuentes	ET C255E
MESA-In-Action: Water Bottle Rocket	Joselyn Sosa Benavides	Baseball Field
The Science of Rockets & Missiles- Paper Rocket Activity	Yves Medrano	ET B11 & Baseball Field



COLLEGE OF

**Engineering, Computer
Science, and Technology**

THANK YOU

Thank you for your support

Dr. Berenecea Johnson Eanes

President, Cal State LA

Dr. Nancy Warter-Perez

Dean, Cal State LA, College of Engineering,
Computer Science, & Technology (ECST)

Dr. Mark Tufenkjian

Associate Dean, Cal State LA, College of Engineering,
Computer Science, & Technology (ECST)

**ECST Staff, Faculty, Students, Volunteers,
Supporting Alumni & Friends**

ECST Student Organizations & Project Teams:

Baja SAE

Biomedical Engineering Society (BMES)

Golden Eagle Makers (GEM)

Society of Hispanic Professional Engineers (SHPE)

ECST Planning Team:

Jose Arroyo

Rana Ashour

Shambhavi Bhandari

Kevin Doody

Esmeralda Flores

Dr. Daniel Galvan

Andrea Garcia

David Ibarra

Michael Mireles

Miracle Sanchez

Hasmik Simon

Cambrian Sorel

Adriana Tellez

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MESA MISSION: To create opportunities for educationally disadvantaged students, especially those from groups with low participation rates for college, to prepare for and enter professions requiring degrees in engineering and other mathematics-based scientific fields.

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