



Welcome

Ann O'Brien Executive Director, Marketing & Communications





Brenda Thames, Ph.D.

President/CEO El Camino College



Why choose El Camino?





OVER 1000 Certificates



NEARLY 1000 Degree Programs

OVER 1000 Certificates





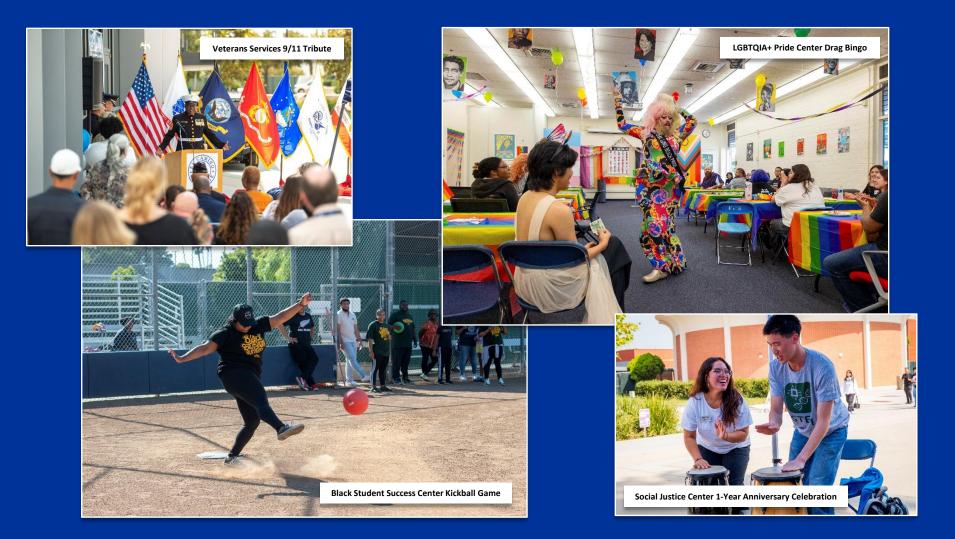




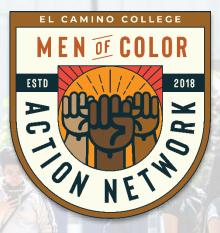








EL CAMINO COLLEGE STUDENT, SUCCESS











ZERO + LOW TEXTBOOK COST





ZERO + LOW TEXTBOOK COST

Courses included at least one ZTC class section

374

Sections using ZTC resources

1,283

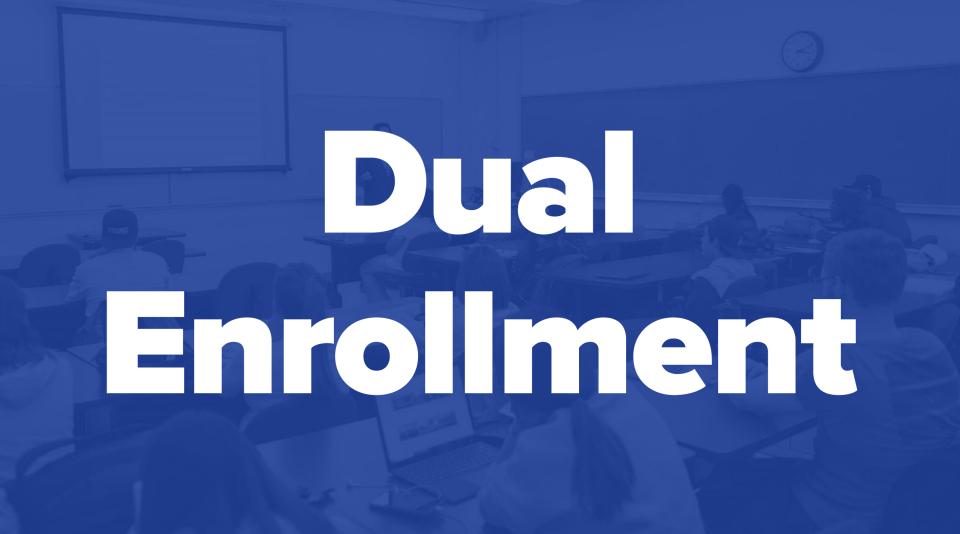
Faculty replaced textbooks with Open Education Resources

343

ZERO + LOW TEXTBOOK COST

3.8 *Million* Estimated savings for students





North High School Students, Early College Partnership

SCHOOL RUS





Hawthorne Graduate Scholarship (Donor & Recipients)



\$7,000,000 Gifts for ECC Students

600+ Students Awarded Scholarships

\$900K Scholarships for 2024-25



Barth Family Scholarship (Donors & Recipients)



Howmet Aerospace Scholarship Recipients



M E



STEM: Preparing Students for Excellence

Arturo Hernandez Director, MESA Program

Background Information

Mathematics, Engineering, Science Achievement (MESA) Program

- 1970: Born out of the Civil Rights Movement to address the racial disparities in STEM
- **1990:** MESA Community College was born
- 1999: MESA Expanded in 1999 to 30+
- **2021:** MESA Expanded to 50+
- 2022: MESA Open to All Community Colleges

ECC MESA | ASEM

- ECC MESA was established in 1999
 - Provides academic support, enrichment opportunities and financial resources to students who plan to transfer to four-year universities in a calculus-based STEM major.
 - Student Eligibility
 - Calculus-based STEM major
 - Low-Income & First-Generation
- ASEM was formally recognized by the CCCCO in 2010
 - Calculus-based STEM major
 - Waived Low-Income and/or First-Generation
- MESA EVOLUTION
 - Program grew from 120 to 600+
 - Transfers went from 18 students to over 125 per year on average
- **ASEM** = Achievement in Science, Engineering & Mathematics



MESA|STEM Program Resources

MESA|STEM Study Center

- Academic and Career Counseling
- Major and Career Advising
- Assistance with the Transfer Process
- Personal and Professional Development
- Networking and Volunteering Opportunities
- University and Industry Field Trips
- Research and Internship Opportunities
- Scholarship Resources
- Financial Aid Information
- MESA|STEM Center Resources





Student Responsibilities

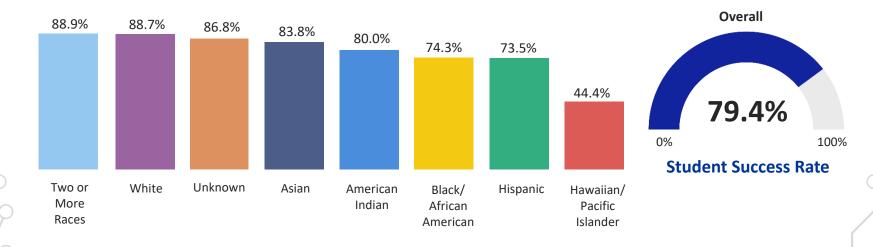
- Enroll in at least 12* units
- Enroll in at least one math or science course every semester
- Meet with the MESA Counselor at least once a semester
- Study at least 5 hours per week in the MESA|STEM Center
- Participate in at least 3 activities per semester
- Meet with MESA Team for PSP (Check in) at least once a semester
- Submit a resume and personal statement
- Proactive communication with MESA





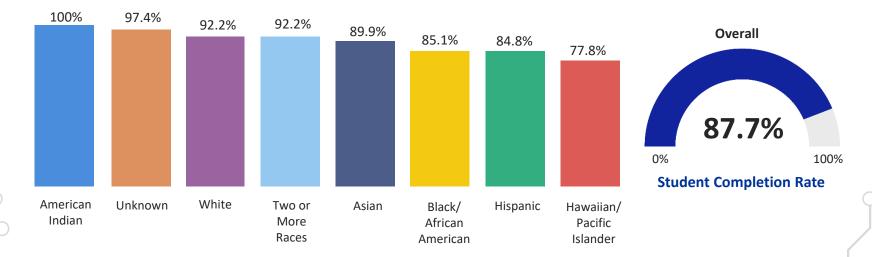
MESA | ASEM Course Success Rates

Successful Course Completion by Race/Ethnicity



MESA ASEM Course Completion Rates

Course Completion by Race/Ethnicity



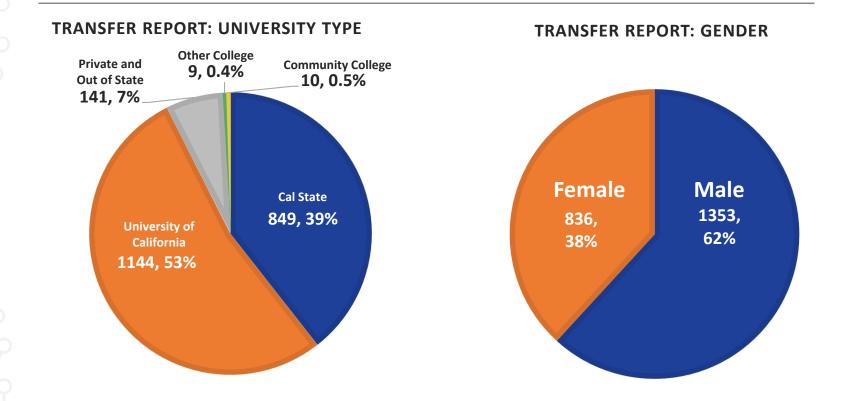
Student Research & Enrichment



Student Research Sites:

- Jet Propulsion Laboratory
- Cal Tech
- Cornell University
- National Institute of Health
- Boston University
- Johnson Space Center
- Kennedy Space Center
- Marshall Space Center
- UC Berkeley
- UCLA
- UC Davis
- UC Irvine
- USC
- Ohio State University

MESA ASEM Transfer Trends

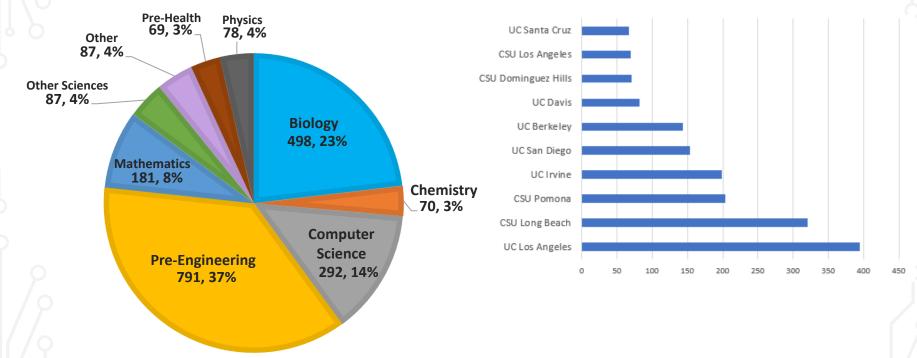


Over 2,150+ Transfer Students Since 2000

MESA ASEM Transfer Trends

TRANSFER REPORT: MAJOR

TOP 10 TRANSFER UNIVERSITIES



Over 2,150+ Transfer Students Since 2000

Thank You!



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Alumna Speaker

Teresa Nieves Montebello Quality and Compliance Manager, GSP Metal Finishing





Partnerships: Pathways for STEM Students

David Gonzales Dean, Industry & Technology



Advanced Manufacturing Partnership Program

Funded through

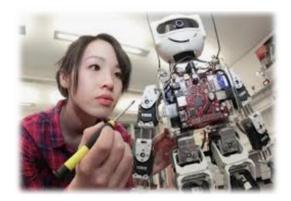
HONDA

Advanced Manufacturing & Engineering Technology Career Pathway

\$100k Grant Award from American Honda

Charter:

- Prepare high school and community college students for careers in Advanced Manufacturing
 - Engineering Technology
 - Electronics
 - Robotics
 - Product Design/Product Development
- Students from local high schools are eligible for no-cost courses that can apply towards a Certificate of Achievement, an Associate of Science Degree and transfer.



Advanced Manufacturing & Engineering Technology Pathway

Certificates & *Associate Degrees

- Engineering Technician Certificate of Achievement*
- Engineering Technology Certificate of Achievement*
- Electrical and Electronics Engineering Technician Certificate of Accomplishment
- Mechanical Engineering Design Technician Certificate of Accomplishment



Engineering Technology Pathway – Opportunity & Career Outcomes

Salary, Growth and Careers

Salary

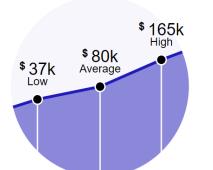
Careers associated with this program have a salary range from \$37,000 to \$165,000 with an average salary of \$80,000.

Growth

Career opportunities for this program are expected to change little nationwide from 2022 to 2032.

Careers

Aerospace Engineering and Operations Technologists and Technicians

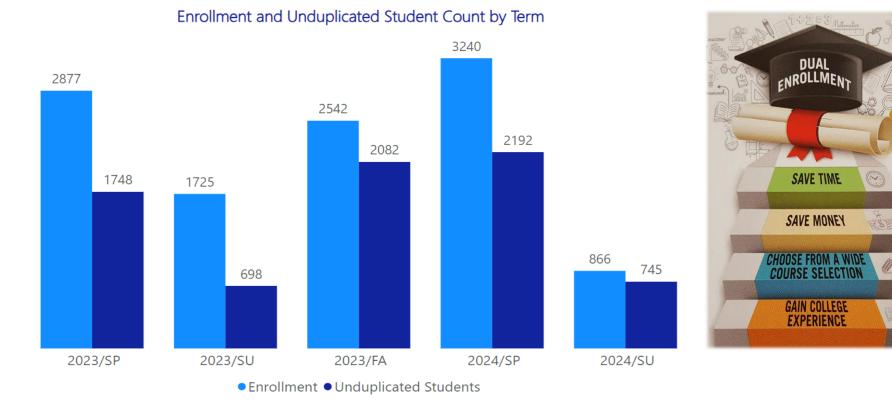






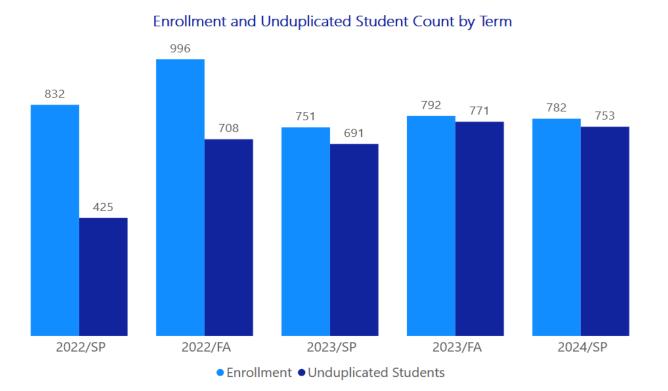


High School Dual Enrollment



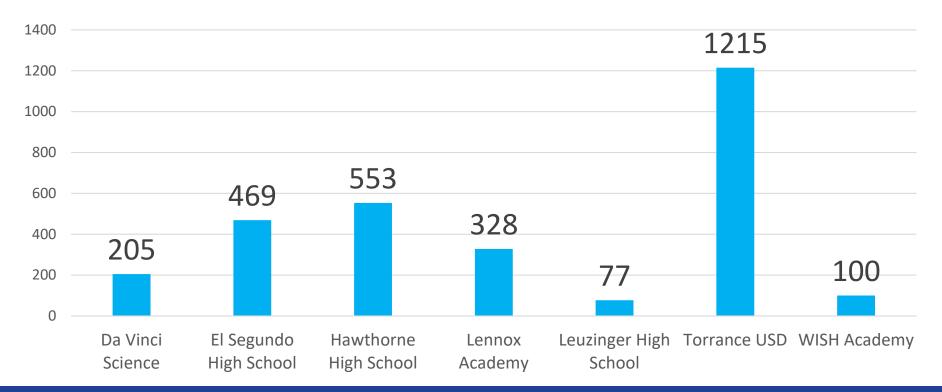
High School Dual Enrollment

Advanced Manufacturing – Engineering Technology





Dual Enrollment by High School Partner – Engineering Technology Pathway Total Enrollment 2022-23 to 2023-24



Advanced Manufacturing & Engineering Technology Career Pathway

- 4 partner high schools participated in 5 field trips for 144 students.
- Participants visited local business in the manufacturing field and toured the El Camino College campus.
- This fall we plan to expand efforts to additional engineering pathway high schools in the Centinela Valley Union High School District, Da Vinci Schools, and Lennox Academy.











Project Deliverables:

- Up to 750 students to Attend El Camino College Engineering Technology Courses.
 - Includes tuition, books, supplies, and other educational expenses.
 - Support Capstone Student Design Projects for 9 area high school ETEC Pathway students
- Transportation, meals, and expenses for field trips
 - FlexFactor Innovation Challenge events
 - Field trips to local industry partners
 - Conferences
 - Events
- Educator Externships for K-12 teachers and community college faculty

Advanced Manufacturing & Engineering Technology Career Pathway

For more information, contact:

Maricela Sandoval, msandoval@elcamino.edu

David Gonzales, dgonzales@elcamino.edu

Katie Sundara, ksundara@elcamino.edu

Office of Dual Enrollment, dualenrollment@elcamino.edu

Our thanks to:







Data: High School Report Cards

Viviana Unda

Director, Institutional Research & Planning

El Camino College **Sample High School Report Card for 2023 Graduates**

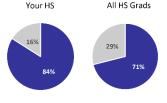


Applied to ECC in Summer/Fall 2023: 320 Enrolled at ECC in Fall 2023; 226 Applicant yield rate: 71%

2023 Graduates who enrolled at ECC in Fall 2023 had the following characteristics and outcomes:

	Υοι	Your HS	
	#	%	%
Intend to Transfer	197	87%	75%
Degree/Certif. Only	15	7%	10%
Obtain Job Skills	3	1%	2%
Basic Skills	1	0%	1%
Enrichment	3	1%	2%
Undecided	7	3%	10%

Enrollment Level



Full-time (12+ units) = Part-time (<12 units)</p>

Support Program Participation

	Your HS		All
	#	%	%
EOPS	2	1%	7%
First Year Experience	106	47%	21%
Honors Transfer	28	12%	8%
South Bay Promise	187	83%	67%
Any Support Program	197	87%	73%

	#	%	%	
Orientation	204	90%	85%	
Educational Plan	210	93%	88%	
Top 10 Majors	for All	2023 G	rads	

Vour US

- 1. Nursing 2. Business Administration Biology 4. Psychology 5. Business Management 6. Computer Science 7. Engineering 8. Radiologic Technology 9. Kinesiology
- 10. Real Estate

Retention

Core Services

	Your HS		All
	#	%	%
Fall '22 to Spring '23	199	88%	78%

Financial Aid

1

	Υοι	Your HS	
	#	%	%
Received Aid	90	40%	71%

Transfer-level English & Math			
	Your HS		All
	#	%	%
Completed in 1 st Year	99	44%	27%

August 2024

El Camino College

El Camino College Sample High School Alumni

ECC Degrees, Certificates, & Transfers 2022-23



Your High School alumni earned **306** ECC awards during the 2022-23 academic year:

163

99

Associate Degrees for Transfer Associate Degrees 44

Certificates



394 Your High School alumni transferred from ECC to a four-year university in Fall 2023:

144

Cal State University

107

University of California

143

Out of State University or Private University

Top 10 Transfer Universities For Your HS Alum

CALIFORNIA STATE UNIVERSITY - LONG BEACH UNIVERSITY OF CALIFORNIA-LOS ANGELES CALIFORNIA STATE UNIVERSITY - DOMINGUEZ HILLS UNIVERSITY OF CALIFORNIA-SANTA BARBARA CALIFORNIA STATE UNIVERSITY - FULLERTON UNIVERSITY OF CALIFORNIA-SAN DIEGO SAN DIEGO STATE UNIVERSITY UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY OF CALIFORNIA - IRVINE CALIFORNIA STATE UNIVERSITY- NORTHRIDGE

Source: National Student Clearinghouse 2

El Camino College

August 2024

Report Card for 2023 Graduates



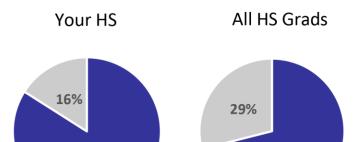
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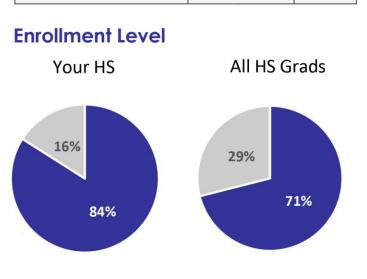


Core Services

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Top 10 Majors for All 2023 Grads

- 1. Nursing
- 2. Business Administration
- 3. Biology
- 4. Psychology
- 5. Business Management
- 6. Computer Science
- 7. Engineering
- 8. Radiologic Technology
- 9. Kinesiology
- 10. Real Estate



Full-time (12+ units) Part-time (<12 units)

Support Program Participation

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- 3. Biology
- 4. Psychology
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Retention

	Your HS		All
	#	%	%
Fall '22 to Spring '23	199	88%	78%

Financial Aid

	Your HS		All
	#	%	%
Received Aid	90	40%	71%

Transfer-level English & Math

	Your HS		All
	#	%	%
Completed in 1 st Year	99	44%	27%

El Camino College Sample High School Alumni ECC Degrees, Certificates, & Transfers 2022-23



99 163 Associate Degrees for Transfer Associate Degrees 44 Certificates



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Source: National Student Clearinghouse

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El Camino College **Sample High School Report Card for 2023 Graduates**



All

%

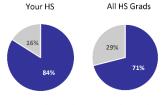
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Тор	10 M	ajors	for All	2023 G	rads
	1.	Nursin	g		
	2.	Busine	ess Admini	stration	
	3.	Biolog	y		
	4.	Psycho	ology		
	5.	Busine	ess Manag	ement	
	6.	Comp	uter Sciend	ce	
	7.	Engine	eering		
	8.	Radiol	ogic Techr	nology	
		Kinosi	alom		

#

204

Your HS

%

90%

Kinesiology 10. Real Estate

Retention

Core Services

Orientation

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El Camino College

August 2024

Questions?

Share Your Thoughts

Scan to take our quick survey. Thank you for attending!





www.elcamino.edu/survey

