

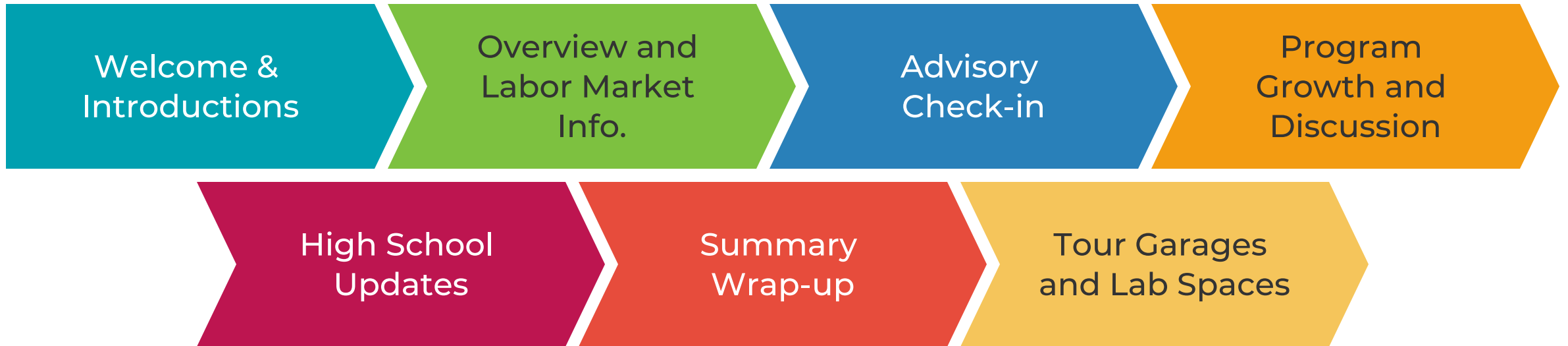
COLLEGE OF

MARIN

Automotive Technology
Auto Collision Repair Technology

Advisory Committee Meeting
Thursday, February 15, 2024

AGENDA





Welcome!

and

Introductions

We'd like to learn a little about you...

Please share your name, organization, and what brings you to the room today.

Career Education: Programs

cte.marin.edu

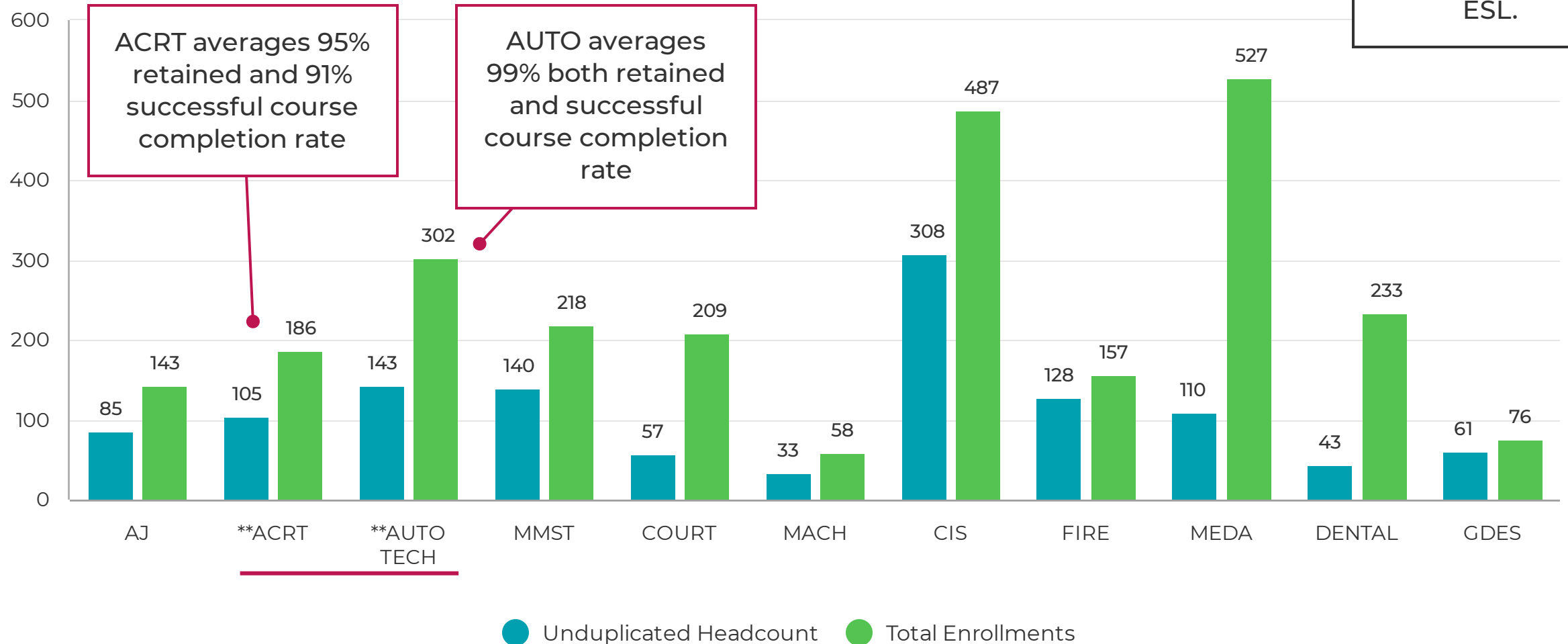


- Administration of Justice
- Auto & Industrial
 - Auto Collision Repair; Auto Technology; Electronics; Machine & Metals; Welding
- Computers & Multimedia
 - Computer Information Systems; Graphic Design; 3D, Video, Game Dev; Web Design and Development; MS Office Specialist Certification, Intuit Quickbooks
- Court Report
- Health Sciences
 - Dental Assisting; Emergency Medical Technician Training; Medical Assisting, Public Safety Degree; FIRE Foundry Program; CNA/HHA
- Summer Career Academies
 - High School Academies
- Early Childhood Education
- Education-2-Career Programs
 - Construction
 - Certified Nurse Assistant/Home Health Aide
 - ECEPTS (Early Childcare Education) Apprenticeship Program
 - Golden Gate Apprenticeship Program

Enrollments by Program

Headcounts Unduplicated and Total Enrollments 2022-2023

Growth for COM overall is up. Growth is mainly non-credit and ESL.

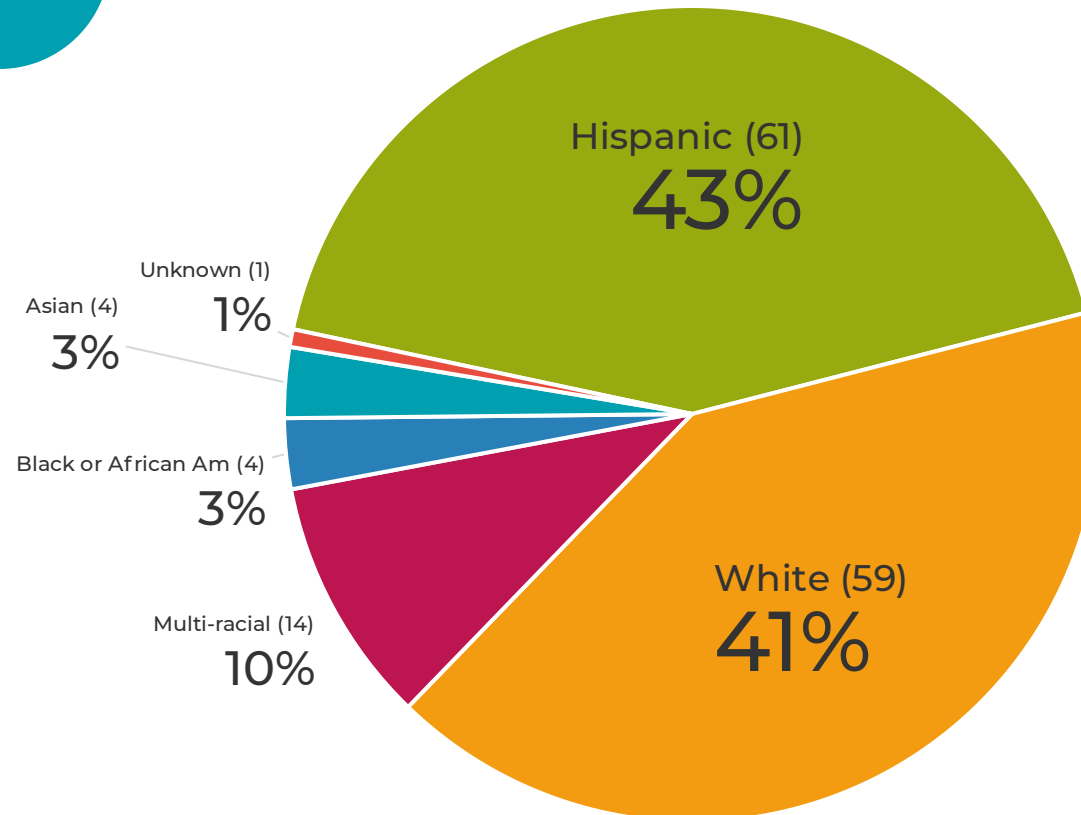


Automotive Technology (AT)

Average Student Demographics

2022 - 2023

16% Female (n=14)
81% Male (n=126)
3% Unknown



COLLEGE OF MARIN CREDIT STUDENT CHARACTERISTICS

Gender: Male 39% Female 60%;

Median Age: 23

Race/Ethnicity:

Asian: 487 (7%)

Black/African American: 207 (3%)

Hispanic: 1,985 (30%)

Multi-racial: 408 (6%)

Native American: 14 (0.2%)

Native Hawaiian/Pacific Islander:
13 (0.2%)

White: 3,211 (48%)

Automotive Collision and Repair (ACRT)

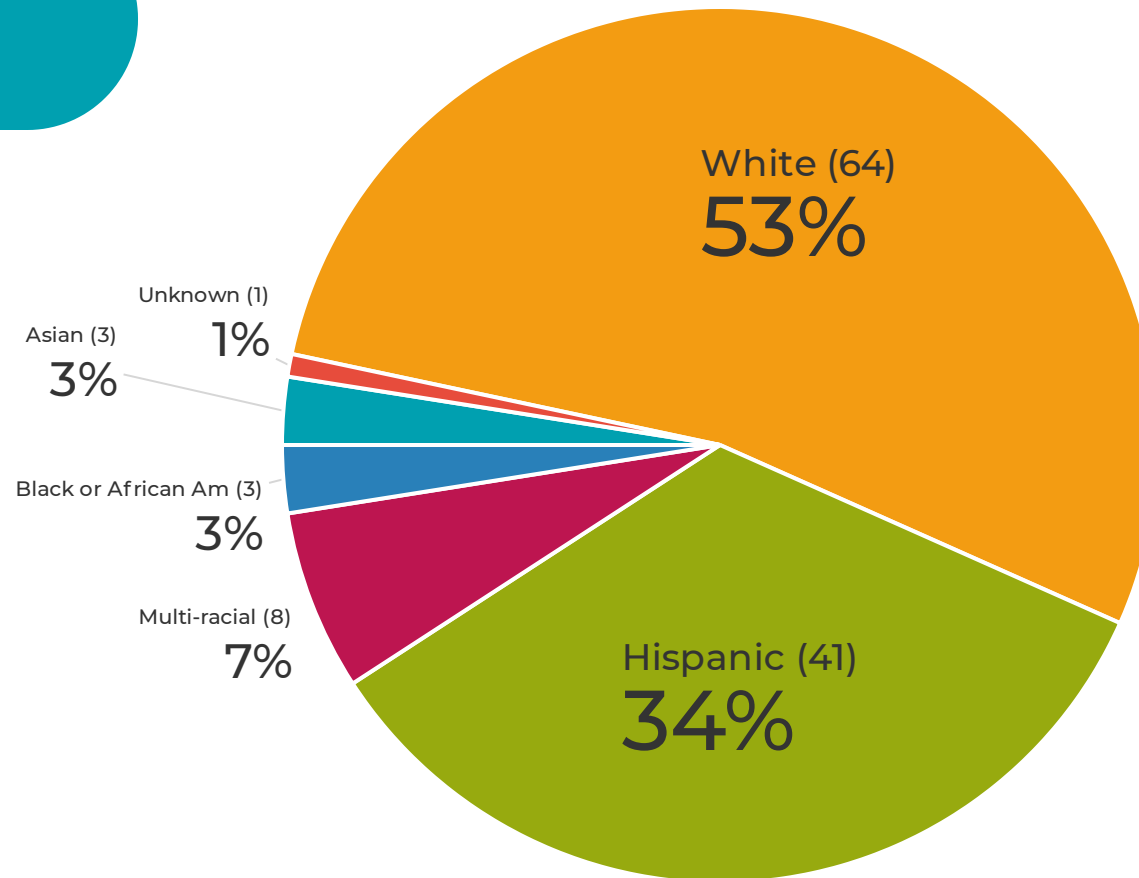
Average Student Demographics

2022-2023

8% Female (n=10)

90% Male (n=108)

2% Unknown



COLLEGE OF MARIN CREDIT STUDENT CHARACTERISTICS

Gender: Male 39% Female 60%;

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Race/Ethnicity:

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Awards Earned

2020/21 - 2022/23 Academic Year

- **1** - AS Degree - Auto Technology, Master Repair Technician
- **33** - Certificates - Automotive Technology
- **3** - Certificates - ACRT - Master Collision Repair (2020/21 - 2022/23)
- **37** - Awards Total

industry recognized
certificates = 159



Labor Market Information

Heather Rahman

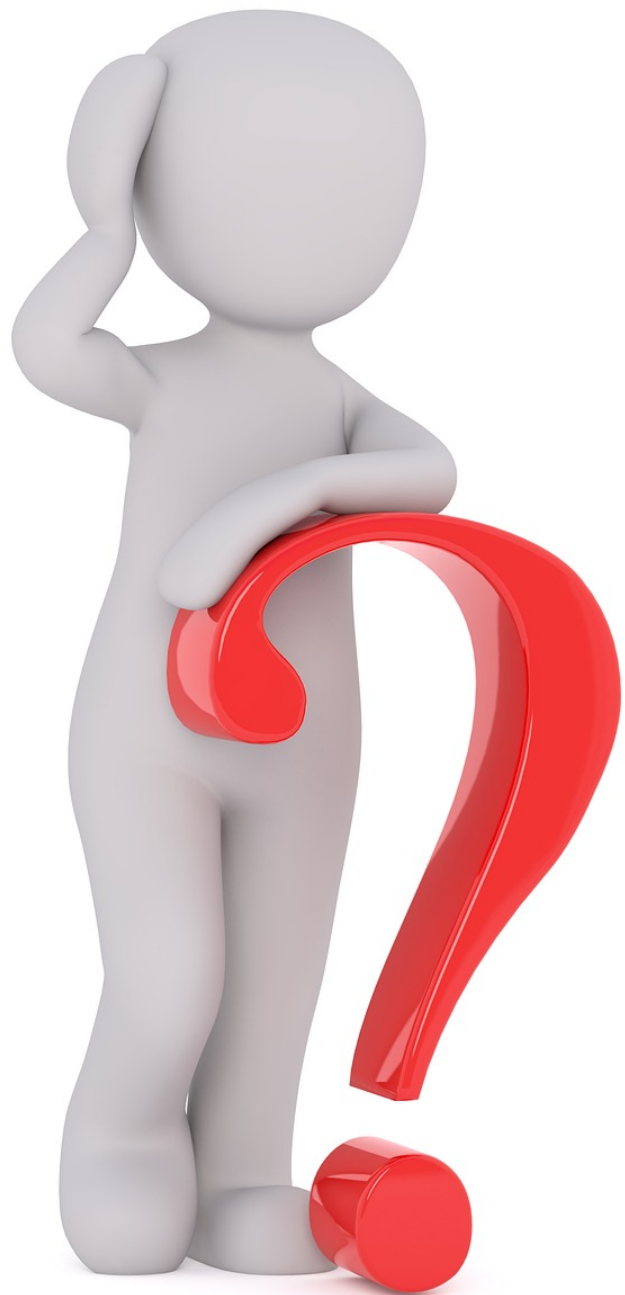
Program Coordinator, Career Education

Regional
Counties: 12
counties
including Marin,
Napa, Sonoma,
Solano, San
Francisco and
San Mateo

Regional Labor Market Information

Provided by San Francisco Bay Center of Excellence

Automotive COM Offerings	Occupation	Job Titles	Average Annual Earnings	Annual Job Openings projected through 2026	5-year Total Openings	Industry Growth
Certificate or A.S. in ACRT, Master Collision Repair	Automotive Body and Related Repairers	Auto Body Repair Tech, Auto Body Repairman, Collision Repair Tech, Refinish Tech	\$62,400 (\$30/hour)	320	1,600	7%
Certificate or A.S. degree in AUTO, Master Repair Technician	Automotive Service Technicians and Mechanics	Auto Mechanic, Automotive Drivability Tech, Auto Service Technician, Master Auto Technician, Service Tech	\$58,250 (\$28/hour)	1,562	7,810	3%
Certificate, Automotive Electronics Specialist	Electronic Equipment Installers and Repairers, Motor Vehicles	Automotive Technician, Electronics Technician, Installation Technician	\$43,700 (\$21/hour)	27	135	-
<i>EV Technician Certificate - coming soon</i>	Electric Motor, Power Tool, and Related Repairers	Electric Motor Mechanic/Repairman, Electric Motor Winder, Electro Mechanic	\$56,200 (\$27/hour)	22	109	5%



Advisory Check-in

PRIORITIES AND CURRENT LANDSCAPE

Advisory Member Share Outs & Discussion

What has this last year looked like for your field?

What should we be aware of to support our future students?

Be on the look out! Community Survey is Coming Soon!



Staffing and Recruiting

- What are your current priorities and needs?



Community Partnership & Impacts

- How do we best prepare our students to be qualified and competitive?



Other Key Items?

- Emerging technology or industry shifts?



Training & Professional Development

- What professional development needs might the College support?



Program Updates

Ron Palmer

Automotive Instructor and Career Education Department Chair

College of Marin
is now a NC3
Certificate Center



Snap-on



THERMO KING

3M

FESTO

**LINCOLN
ELECTRIC**



COPELAND

RIDGID



Starrett

DVC DANIELS
MANUFACTURING
CORPORATION

palmer HAMILTON

TORMACH

DREMEL



CERTIPORT
A PEARSON VUE BUSINESS

About **National Coalition of Certification Centers**

NC3 Certificates

<https://www.nc3.net/>

Certified instructors have currently taught 330,000 students and awarded 607,000 certificates.

- Provide critical, fundamental skills
- Earned while students are still in school
- No need for additional job time
- Industry-valued competencies
- Relevant job-ready skills
- Flexible, stackable, relevant credentials

NC3 Exams via COM Courses

Students are taught skills in existing classes and then they take the NC3 online exam and pass.

- Electrical Safety
- Hand Tool Safety
- Pro-Cut Rotor Wheel Service
- Shop Key Service and Repair
- Shop Key Pro Diagnostics
- Multimeter Use
- Verus Edge Scanner Operation
- Verus Edge Lab Scope Operation
- Electronic Torque
- Mechanical Torque
- Torque Theory

LEADING THE WAY IN SKILLS RECOGNITION

DISTINGUISHING EXCELLENCE
WITH DIGITAL BADGES



So far at College of Marin...

20 Students

In this current semester 20 students (including HS students) have passed Hand Tool Safety exams.

Over 100 Students -> 159 certificates

Recently over 100 students have earned 159 certificates

Program Updates

New Offerings *Coming Soon*

Motorsports

- * Certificate of Achievement (college transcript)
- * Prepare students for jobs at area raceways and affiliated companies
- * Can achieve in 2 semesters

Solar Technology

- * Certificate of Achievement (college transcript)
- * Aligned with Construction as we grow this educational sector

Electric Vehicle Technician

- * Certificate of Achievement (college transcript)

Sustainable Electrical Technology

- * Certificate of Achievement (college transcript)
- * Also aligned with Construction and Auto Tech



Motorsports: Program Requirements

- AUTO 118 Brakes Alignment and Suspension Systems 6 units S1 (Fall Semester)
- ACRT 107 MIG Welding for Automotive Collision Repair Technology 2 units S1 (Fall Semester)
- ACRT 201 Automotive Paint –Waterborne and Clear Coat 4 units S1 (Fall Semester)
- AUTO 112 Automotive Engines Troubleshooting 6 units S2 (Spring Semester)
- ACRT 106 Metal Fabrication Troubleshooting 2 units S2 (Spring Semester)

Total: 20 units



High School Connections

Heather Rahman

Program Coordinator, Career Education

Building Pathways

Currently working with local high schools to bridge their classes to College of Marin

- Over 200 students currently in the Tamalpais HS Auto Course, Terra Linda ROP Auto courses, and the Car Appreciation and Preservation Program
- Novato High dual enrolled: **10 students are currently in AUTO 111 this Spring**
- Partnering with the County of Marin and car dealerships to offer more work-based learning opportunities for students.



Dual Enrollment: Automotive Pathway

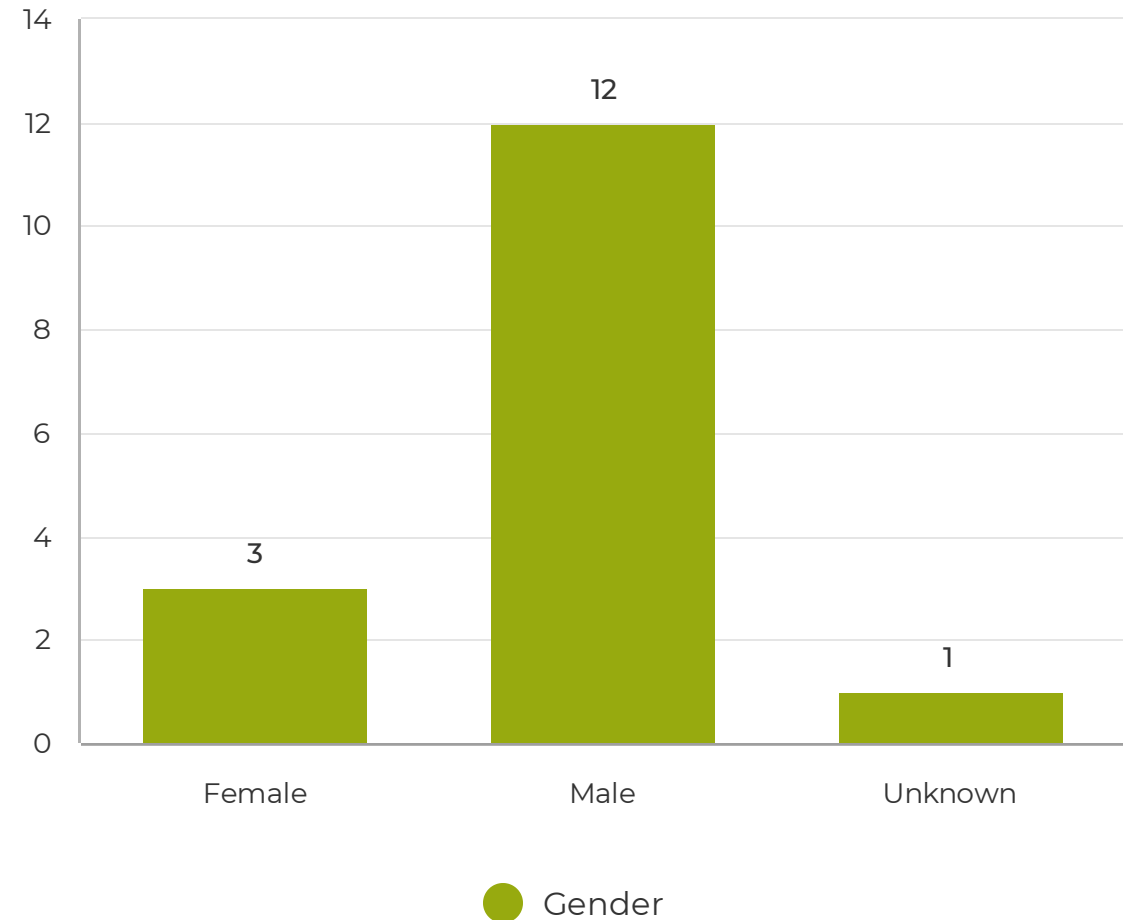
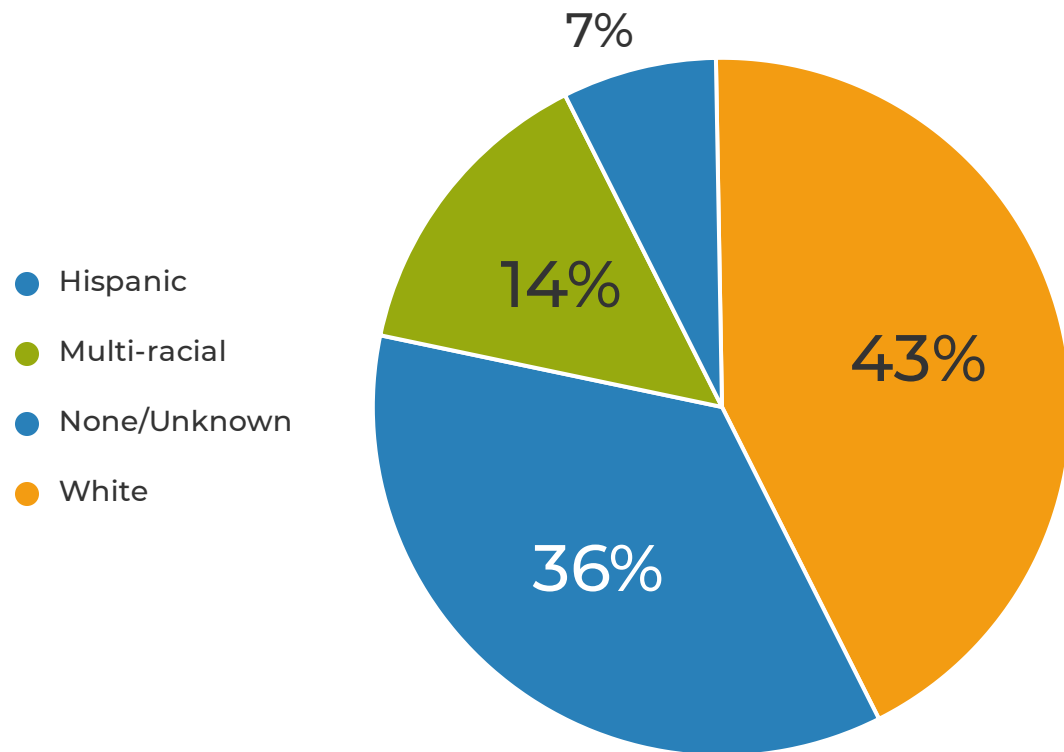
Marin Oaks, Novato, San Marin High School

- Auto 110A for fall and Auto 111 for spring
 - Certificate, degree applicable and CSU transferrable
 - 3 units of college credit each course
 - Auto 110-A Intro Automotive Program
 - Auto 111-Auto Maintenance Fundamentals 3 units of credit
- Serves students from local high schools
- Lecture at Marin Oaks, Lab at IVC



AUTO Dual Enrollment Student Demographics

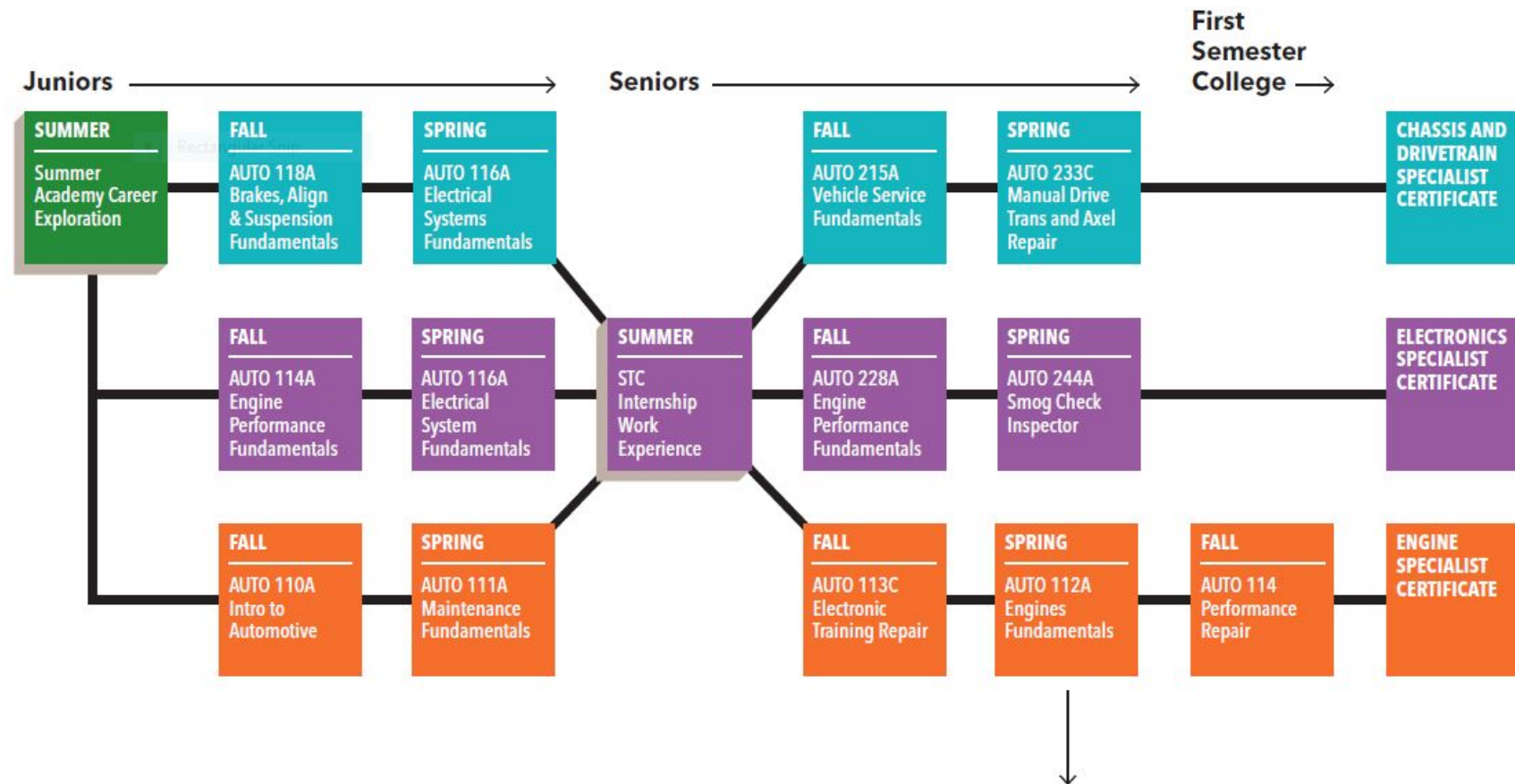
Auto 110A Fall 2023



Auto Technology

High School-to-College Career Pathway Map

academics.marin.edu/program/auto



To get first-hand knowledge of careers,
join the Bright Futures Speaker Series at
marinschools.org/Page/8304.



Earn College Units

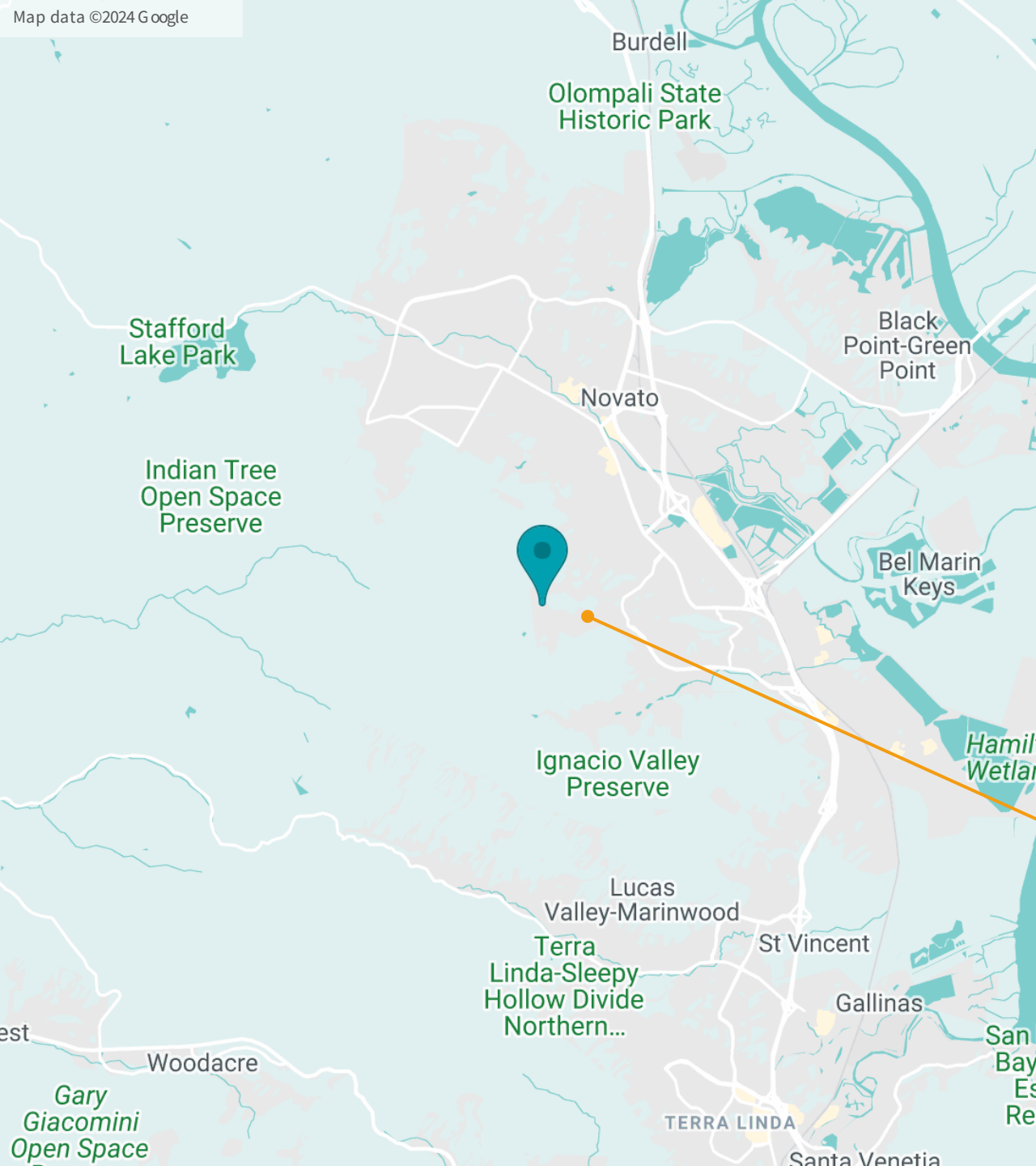
If you've come this far, you have either completed certificates in Chassis Drivetrain Specialist or Electronics Specialist. If you're on the Engine Specialist pathway, you only have one more class to go before you get to COM!



Summary/Wrap-up

Thoughts? **Questions?**

NEXT STEPS



Thank You!

1800 Ignacio Boulevard Novato, CA 94949

@ Ron Palmer <rpalmer@marin.edu>

@ Alina R Varona <arvarona@marin.edu>

@ Heather J Rahman <hrahman@marin.edu>

(415) 883-2211

College of Marin, Indian Valley Campus