

COLLEGE OF

MARIN

**FIRE/EMT Advisory
Committee Meeting**

January 28, 2022

AGENDA





Hello!

Please share your name, role, organization.

Overview of Career Education and Workforce Development

Prepare students with skills for 21st century jobs, careers, and the future of work

Degrees and Certificates

- **Create Pathways & Support Momentum**

Short Term Training and Workforce Development

- **Respond In-Time to Labor Market Needs and Connect to Employment**

Non Credit Education

- **Ladder and Bridge to Basic Skills, Work, and Credit**

2.1 million students at 116 colleges

[HTTPS://WWW.CCCCO.EDU/ABOUT-US/CHANCELLORS-OFFICE/DIVISIONS/WORKFORCE-AND-ECONOMIC-DEVELOPMENT](https://www.cccco.edu/about-us/chancellors-office/divisions/workforce-and-economic-development)

Career Education: Programs

<http://workforce.marin.edu>



- Administration of Justice
- Auto & Industrial
Auto Collision Repair; Auto Technology;
Electronics; Machine & Metals
- Computers & Multimedia
Computer Information Systems; Graphic
Design; 3D, Video, Game Dev; Web
Design and Development; MS Office
Specialist Certification
- Court Reporting
- Health Sciences
Dental Assisting; **Emergency Medical
Technician Training**; Medical Assisting
- Organic Farming
- Education 2 Career (E2C)
Construction Program
- Summer Career Academies
- Short-Term Career Training
Programs (12 Weeks)
Business Start-Up; Small Business
Management; Office Technology: online
selling, accounting, office applications,
social media marketing

WHY ADVISORY COMMITTEES?

Centering the Community in Community College Practice and Programs

Title 5: §55601[1]

- The governing board of each community college district participating in a vocational education program shall appoint a vocational education advisory committee
- Committee will develop recommendations on the program and be a liaison between the district and potential employers.

Committee Members

- Shall have one or more representatives of the general public
- Must be knowledgeable about the educational needs of disadvantaged populations
- Students, teachers, business, industry, the college administration, and the field office of the Employment Development Department

Funding Requirements

- Extensive business and industry involvement
- Evidenced by not less than one annual business and industry advisory committee meeting
- (Section 135(b) of Perkins IV[2]).

Meaningful Advisory Committee Participation

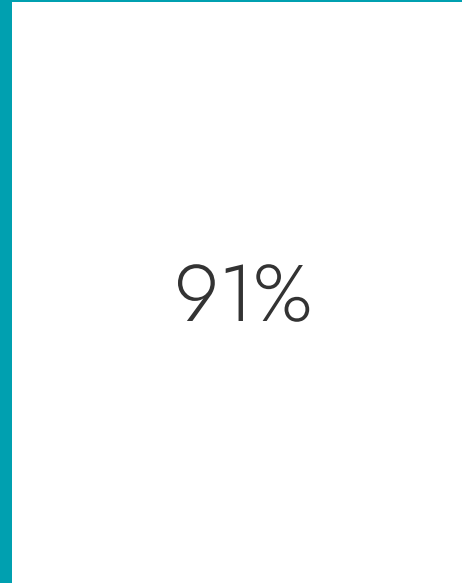
18%



2019-2020

**Two out of Eleven
Programs Convened**

91%



2020-2021

**Four Programs
Convened. Six
Scheduled.**

**Some programs will
meet more than once.**

35% increase in advisory member participation to date



College & Program Updates



PROGRAMS



ENROLLMENT

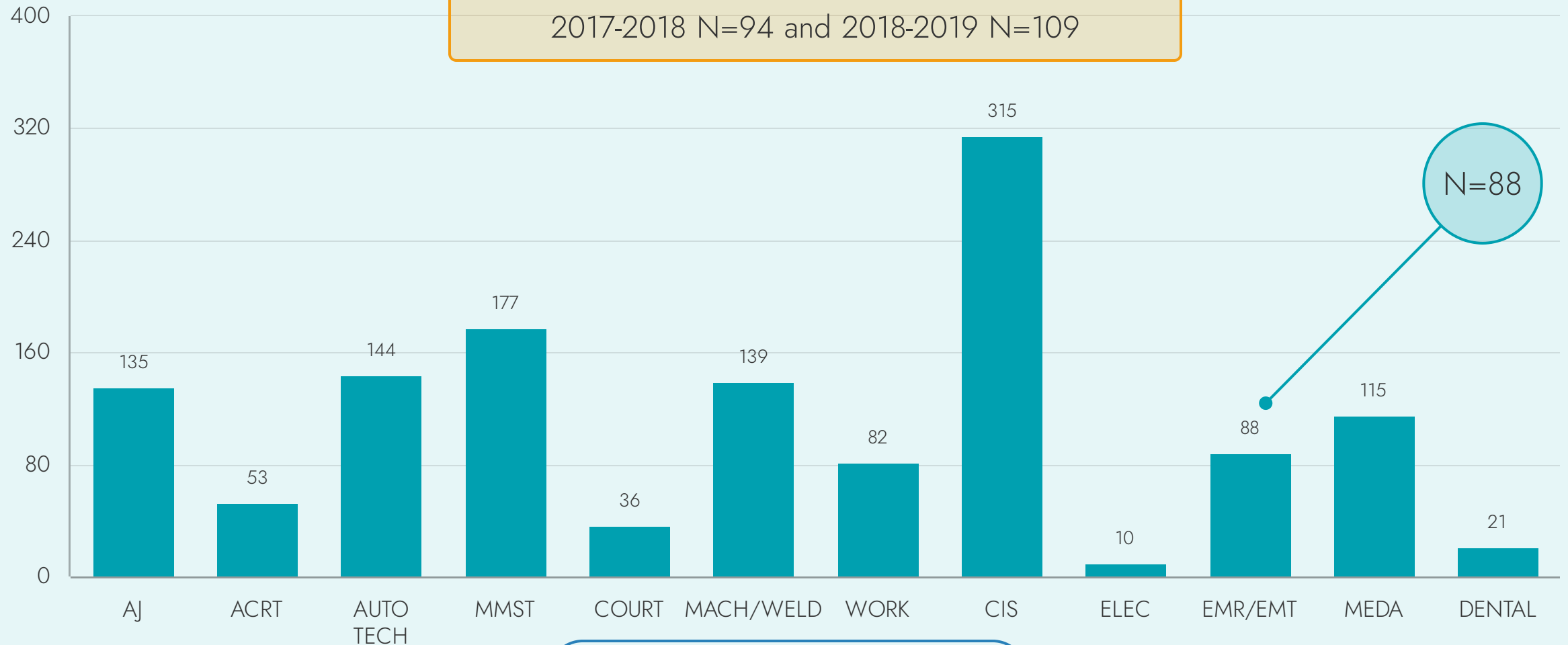


STUDENT
OUTCOMES

Enrollments by Program

2019-2020 Academic Year

2017-2018 N=94 and 2018-2019 N=109

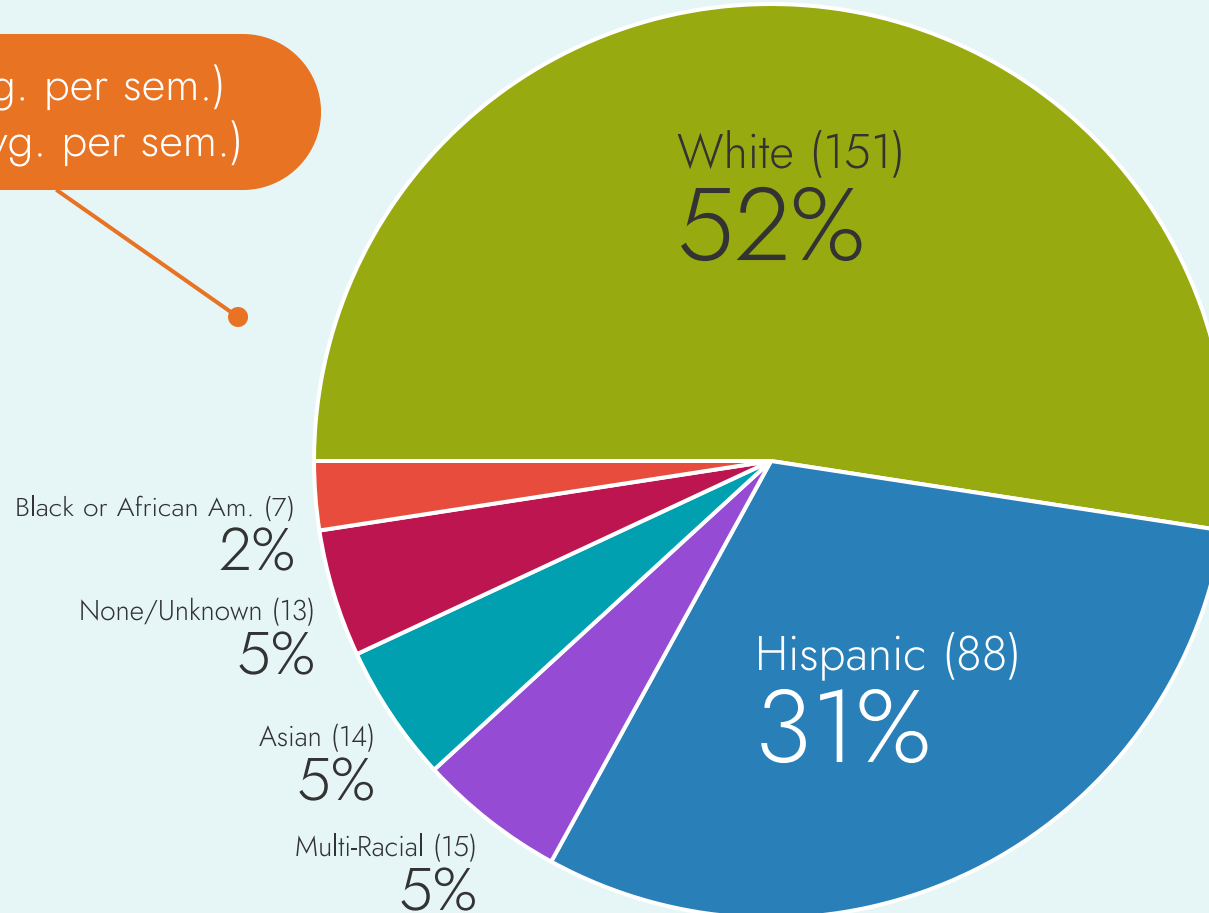


1315 Total Student Count

Student Demographics

Fire/EMT Program 2018 - 2021

65% Male (32 avg. per sem.)
35% Female (17 avg. per sem.)



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%)

Program Outcomes

Fire/EMT 2018 - 2021

Course **Retention** by
Gender (%)

Fall 2018 - Spring 2021

- Women: **79%**
- Men: **80%**

Program Retention

Overall:

80%

Course Success -

- FIRE112 - EMT I: **85%**
- FIRE120 - EMT Refresher: **82%**
- FIRE215 - Advanced First Aid/First Responder: **57%**

Overall success rate is:

75%

EMPLOYMENT DATA

18 months after college completion

85% Goal



Found a job very closely or closely related to their field.



Reported job is not closely related to their field.

206 Student respondents

PRIORITIES AND CURRENT LANDSCAPE

Advisory Member Share Outs & Discussion

What has this last year looked like for your field?



Staffing and Recruiting

- Where do you find your candidates?
- **What wages can be expected for entry level positions?**



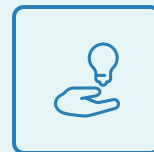
Needs and Priorities

- What are your current priorities and needs for hiring?



Training & Professional Development

- What are the skills required? For which levels?
- Any emerging technology skills that should be considered?



Other Key Items?

- What should we be aware of to support our future students?
- Potential technology, training, or emerging sectors?



Community Partnership & Impacts

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

F.I.R.E. Foundry Program

Chief Jason Weber, Thomas Azwell, Joshua Dimon,
Sofia Martinez, and Sukh Singh

F.I.R.E. Foundry Program

Fire Innovation, Recruitment, and Education

Partner

- College of Marin, Marin County Fire Department, The County of Marin Office of Equity, Marin Wildfire Prevention Authority, Conservation Corps North Bay, Marin County Fire Chiefs, Marin Professional Firefighters IAFF 1775, UC Berkeley, Stanford University, Fire Safe Marin, and the Workforce Alliance of the North Bay.

Recruit

- Work with agencies countywide to diversify the fire service in Marin County and connect young adults to paid seasonal employment, comprehensive, equity-centered, state-of-the-art science and technology training

Progress

- Students will take EMR, EMT, Work Expedience, and a College and Career Readiness course through COM
- Students will receive 1.5 units of credit for prior learning for Wildland Fire
- Students can complete the major requirements for our brand new AA in Public Safety

Advance

- Participants can connect to local bay area fire academies to complete their training.

A.A. Degree in **Public Safety**

Program Requirements: Total 18

Units Minimum

CORE MAJOR REQUIREMENTS

Course	Course Title	Units
FIRE 112	Emergency Medical Technician	7
FIRE 215	Advanced First Aid/First Responder	3

Total Units 10 + Student Chooses 8 Additional Units -----



Program is 1/2 through approval process! Offering in Fall 2022.

ADVISORY -

1. Feedback
2. Approval

Fire	Paramedic	Police
Wildland Fire	Work Experience	Work Experience
Work Experience	Medical Terminology I	Introduction to Administrative Justice
Medical Terminology I	Medical Terminology II	Community Oriented Policing and Problem Solving
Medical Terminology II	Nutrition	Introduction to Investigation
Human Biology	Human Biology	Introduction to Sociology
Chemistry/Human Environment	Chemistry/Human Environment	Modern Social Problems
Stress Management and Health	Stress Management and Health	Race & Ethnicity
Introduction to Sociology	Introduction to Sociology	Family/Intimate Relationships
Introduction to Sociology	Human Sexuality	Introduction to Psychology
Modern Social Problems	Gender & Society	Drugs & Psychology
Race & Ethnicity	Drugs & Psychology	Intercultural Communication
Family/Intimate Relationships	Intercultural Communication	Elementary Spanish
Introduction to Psychology	Elementary Spanish	
Drugs & Psychology		
Intercultural Communication		
Elementary Spanish		

Questions and Discussion

Do you support our approach credit for prior learning approach to
Wildland Fire: Fire 255?

Labor Market Information Overview

Heather Rahman, Workforce Specialist



1400 jobs in
North Bay; 167
openings/year

11%

1,800 more EMT professionals
by 2028 in CA

GROWTH: 16,800 to 18,600 Employees

EMT

PROJECTED 2018 - 2028 STATEWIDE



Avg. **1360** Annual
EMT Job Openings



Source: onetonline.org

Current
Average
Annual
Earnings
\$50,000



QUESTIONS
or
COMMENTS?



1580 jobs in
North Bay; 112
openings/year

4%

1,300 more Firefighters by 2028
in CA

GROWTH: 33,800 to 35,100 Employees

Firefighters

PROJECTED 2018 - 2028 STATEWIDE



Avg. **2470** Annual
Job Openings



Source: onetonline.org

Current
Average
Annual
Earnings
\$106,880



QUESTIONS
or
COMMENTS?

Program Overview and Updates

Scott Wood, FIRE/EMT Instructor and Program
Coordinator

A.A. Degree in **Public Safety**

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Drugs & Psychology		
Intercultural Communication		
Elementary Spanish		

Do you approve of the A.A. in Public Safety degree?

Please give a thumbs up/down or place your answer in the chat box.

Building High School Pathways

Angela Olmanson, Allied Health Program Administrator

DUAL ENROLLMENT - EMR

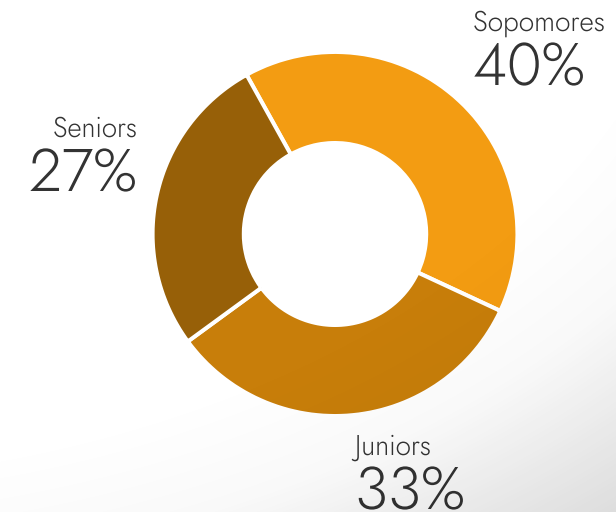
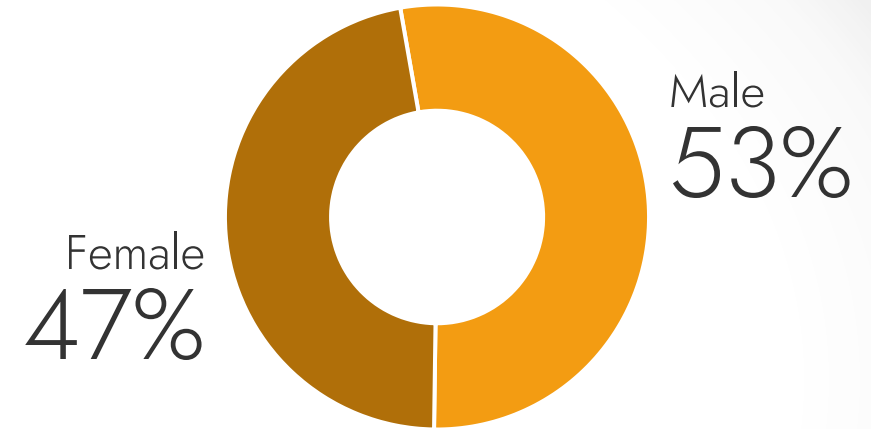
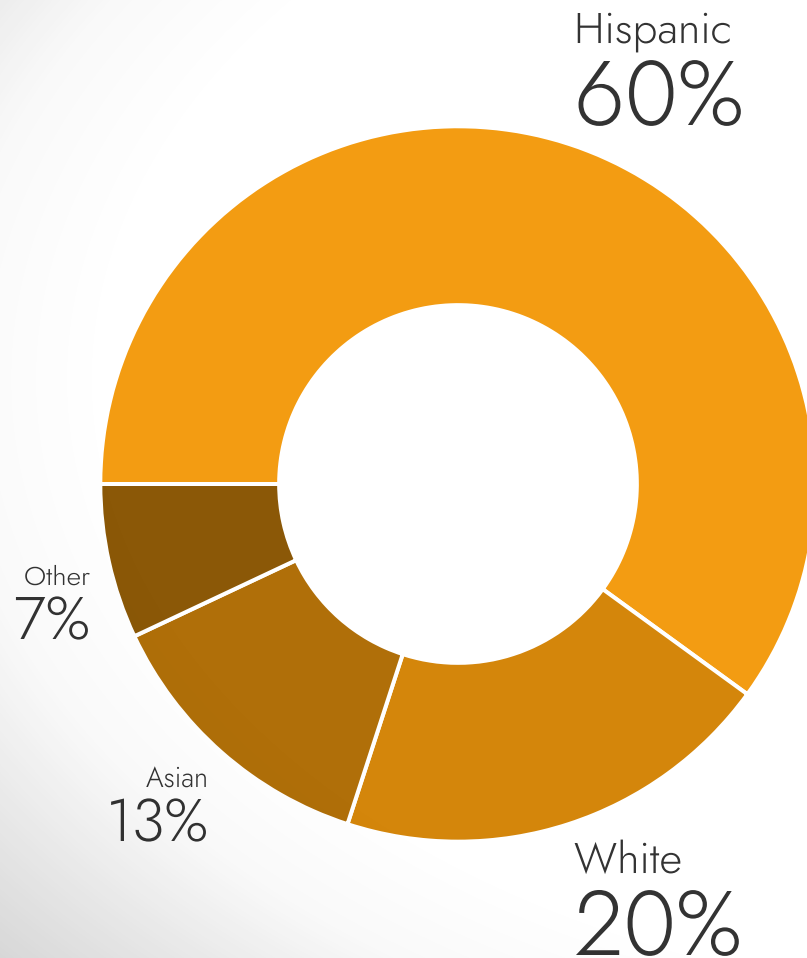
Emergency Medical Responder (EMR)

- COM Career Education expanded sections included first ever summer EMT and dual enrollment offerings
- 16 Medical Careers Pathway **students enrolled** in an EMR dual enrollment course at **Novato High School (NHS)**
- 88% of students **successfully completing**
- 56% of students identified as **female**
- 56% identified as **students of color**

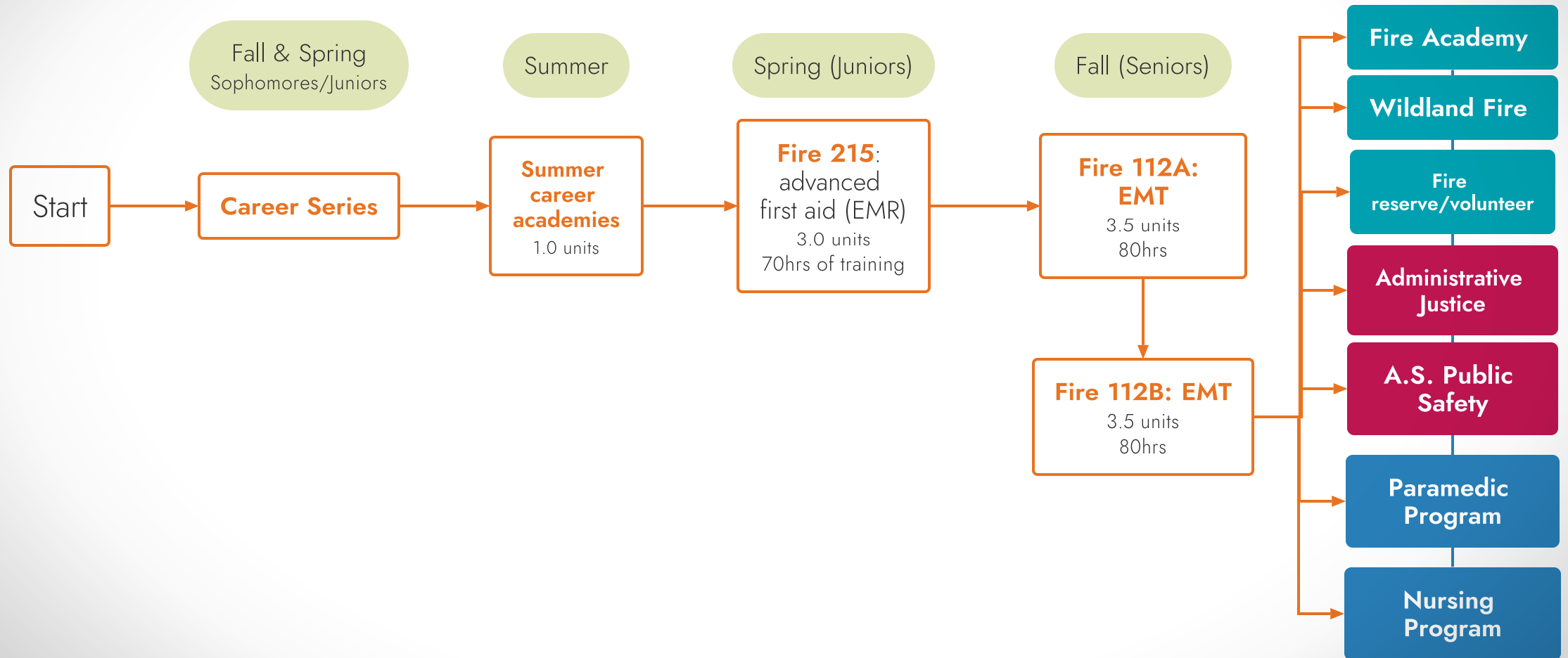
This shows a departure from programmatic student demographics, which trend majority white and male



San Rafael High School-EMR Dual Enrollment



EMR & EMT **Dual Enrollment** Pathway



Do you approve of offering a two-part version of EMT (FIRE 112 A and B) for high school students?

Questions, thoughts, reservations?

Please give a thumbs up/down or place your answer in the chat box.

Summer 2021 EMT



7 students enrolled

5 successfully passed

72% white
14% Asian
14% Hispanic

57% male
43% female

18-20 yrs
old

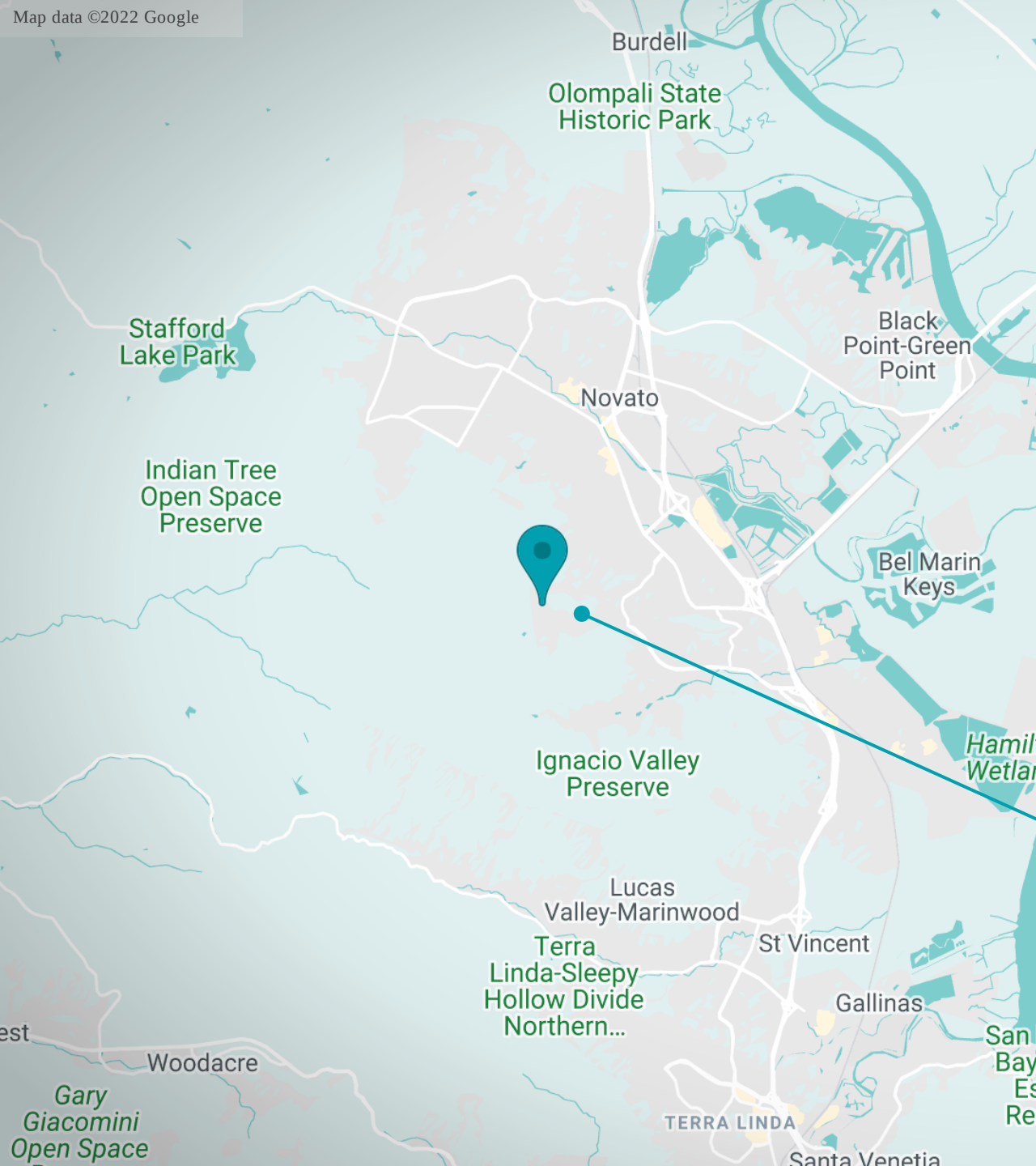
9 wks
Tues & Wed
all day

Summary/Wrap-up

Thoughts? **Questions?**

NEXT STEPS





Thank You!

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