

# Career Technical Education Chancellor's Office Data and Resources

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Career Technical Education Committee (CTEC)

December 1, 2022

Planning, Research, and Institutional Effectiveness (PRIE) – College of Marin

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# How does the CCCCO define career education?

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- Statewide metrics (as reported in dashboards like the Student Success Metrics and Strong Workforce Dashboard) use a variety of codes to identify vocational, or career education, courses and programs
- TOP-CIP-SAM-SOC codes are used by educational institutions and federal agencies to standardize and classify academic programs of study and occupations
- The Centers of Excellence for Labor Market Research (COE) provides a crosswalk for these codes

# What are TOP-CIP-SAM-SOC codes?

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## Taxonomy of Programs (TOP) codes

- Six digit code assigned to courses and academic programs of study, describing course and program content
- TOP codes are hierarchical; courses and programs can be referred to by their TOP2, TOP4, and TOP6 codes, with TOP2 codes the most general and TOP6 the most specific
- Examples:
  - TOP2 - 07 – Information Technology
  - TOP6 - 0708.10 – Computer Networking

# What are TOP-CIP-SAM-SOC codes?

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## Classification of Instructional Programs (CIP) codes:

- CIP codes function similarly to TOP codes, but use a different classification system
- CIP codes are not primarily used in California except for in federal reporting
- Example:
  - 11.0901 – Computer Systems Networking and Telecommunications

# What are TOP-CIP-SAM-SOC codes?

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## **Student Accountability Model (SAM) codes:**

- Codes to designate courses as occupational or nonoccupational based on the course sequence in a career education program
- Examples:
  - B - Advanced occupational - taken by students in the advanced stages of their occupational programs
  - D - Possibly occupational - taken by students in the beginning stages of their occupational programs

# What are TOP-CIP-SAM-SOC codes?

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## Standard Occupational Classification (SOC) codes

- Used to classify workers into occupational categories used to collect and report labor market data.
- Example:
  - 15-1152 - Computer Network Support Specialists

# How does the CCCCO describe career education at COM?

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Example: Strong Workforce Program Dashboard

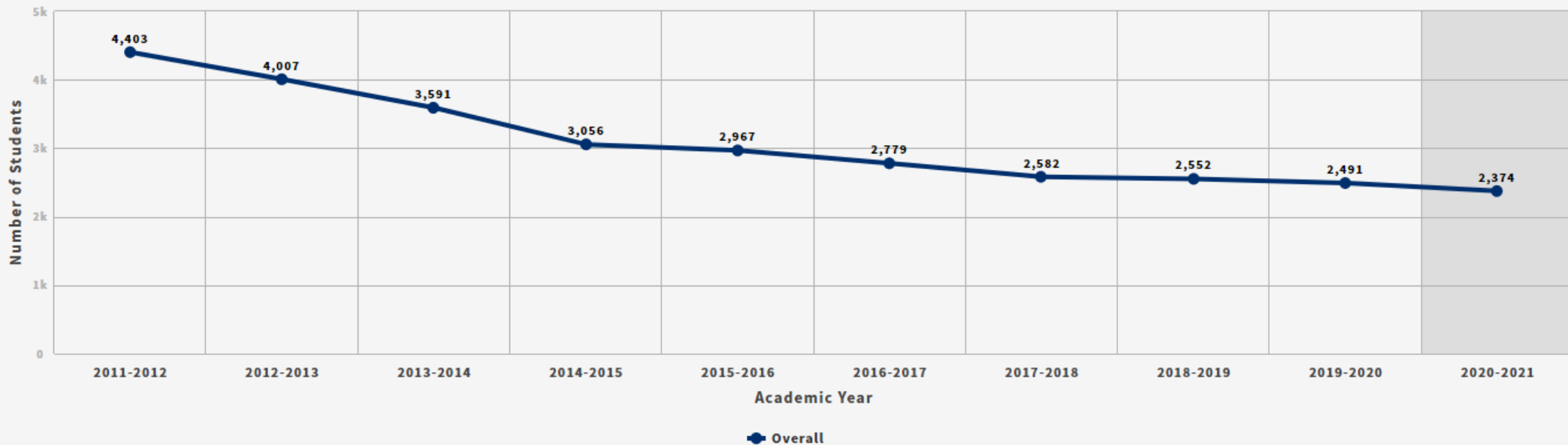
View metrics by enrollment in:

- all career education programs
- industry sector as defined by course TOP code
- vocational TOP code

# How does the CCCCO describe career education at COM?

## Strong Workforce Program Students

All students who took at least 0.5 units in any single credit course or who had at least 12 positive attendance hours in any noncredit course(s) in the selected year or who enrolled in noncredit course(s) in Spring 2020 or any term in academic year 2021 and who enrolled on a TOP code that is assigned to a vocational industry sector in the selected year



Source: Chancellor's Office Management Information System

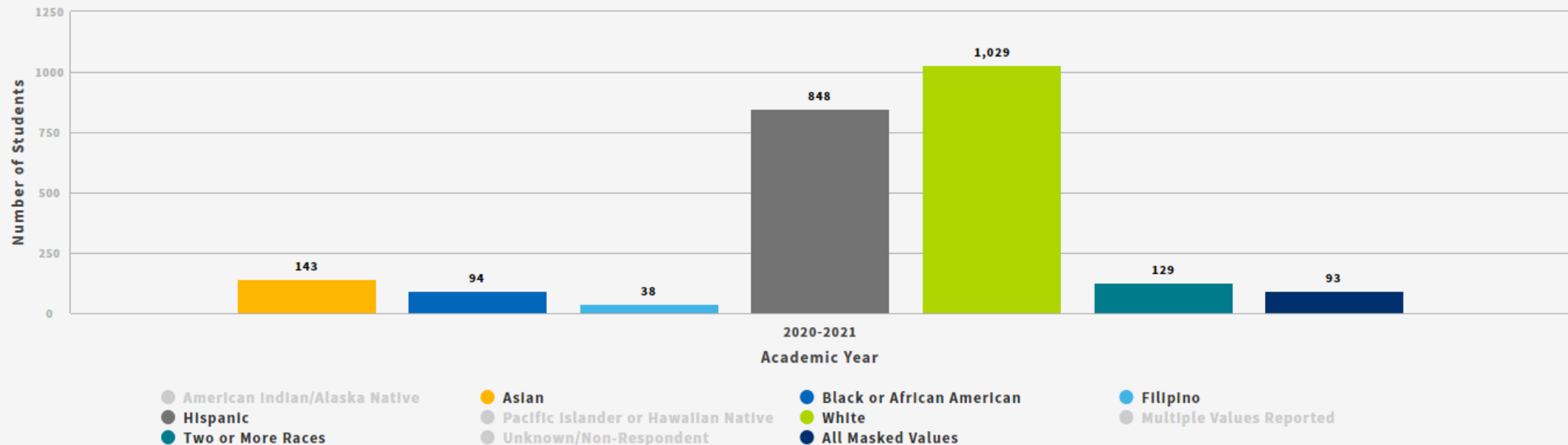
Strong Workforce Program dashboard, College of Marin, All CTE Programs



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Strong Workforce Program dashboard, College of Marin, All CTE Programs

# How does the CCCCCO describe career education at COM?

## SWP Students Who Earned a Degree or Certificate or Attained Apprenticeship Journey Status

Number of unduplicated SWP students who earned a noncredit certificate, Chancellor's Office approved certificate, associate degree, and/or CCC baccalaureate degree on a TOP code assigned to a vocational sector and who were enrolled in the district on any TOP code in the selected year or who attained apprenticeship journey status on a vocationally flagged TOP code in the selected year and who were enrolled at any community college at the start of the apprenticeship program on a vocationally flagged TOP code

