



MIRACOSTA COMMUNITY COLLEGE DISTRICT BOARD OF TRUSTEES

WORKSHOP

4 P.M. – THURSDAY – NOVEMBER 9, 2023
ROOM T-200 – OCEANSIDE CAMPUS
1 BARNARD DRIVE – OCEANSIDE, CA

AGENDA

- I. CALL TO ORDER
- II. FLAG SALUTE / ROLL CALL
- III. PUBLIC COMMENT ON ITEMS ON AND NOT ON THE AGENDA

ITEMS ON THE AGENDA: Members of the audience may address the Board of Trustees on any item listed on the agenda when that agenda item comes up for discussion and/or action. Comments will be limited to three (3) minutes per agenda item and a total of fifteen (15) minutes of public comment on any one item, unless waived by the board. Non-English speakers utilizing a translator will have six (6) minutes to directly address the board. Consent items are considered routine and customary district business, and are voted on in one vote; however, a board member or a member of the audience may request that an item listed on the consent items be removed and considered individually.

ITEMS NOT ON THE AGENDA: Members of the audience may address the Board of Trustees on any topic not on the agenda so long as the topic is within the jurisdiction of the district. Under the Brown Act, the board is not permitted to engage in public discussion or take any action on an agenda item not on the agenda, except that members of the board may briefly respond to statements made or questions posed by persons exercising their public testimony rights under Government Code §54954.3. In addition, on their own initiative, or in response to questions posed by the public, a member of the board may ask a question for clarification. A member of the board or the board itself may provide a reference to staff (superintendent/president) or other resources for factual information, request staff (superintendent/president) to report back to the body at a subsequent meeting concerning any matter, or take action to direct staff (superintendent/president) to place a matter of business on a future agenda. Comments from visitors shall not exceed three (3) minutes unless the board waives the time limit. Non-English speakers utilizing a translator will have six (6) minutes to directly address the board. The board may also limit the total amount of time for speakers on a particular topic to fifteen (15) minutes.

DECORUM: Board Policy 2355 requires members of the public to observe order and decorum at board meetings and to conduct themselves in a courteous manner, avoiding profanity, obscenity, other abusive language, and threats of violence. The board president, as presiding officer, has the authority to run the meeting, which includes the authority to issue warnings, call for recesses, or clearing the boardroom in the event of disruptive behavior. Speakers shall speak to the issues and refrain from using defamatory or abusive personal remarks that disturb or impede the meeting or exceed the bounds of civility necessary to the conduct of the business of the district. Government Code section 54954.3(c) establishes that the legislative body of a local agency shall not prohibit public criticism of the policies, procedures, programs, or services of the agency, or of the acts or omissions of the legislative body, and California Penal Code section 403 makes it a misdemeanor for any person to willfully disturb or break up any assembly or meeting with lawful authority.



- IV. CHANGES IN AGENDA ORDER
- V. WORKSHOP
 - A. Spotlight on Career Ed Programs and Outcomes
- VI. INFORMATION
 - A. Futures Update
- VII. FUTURE AGENDA ITEMS AND ANNOUNCEMENTS

VIII. ADJOURNMENT

UPCOMING MEETING
4 p.m. – November 16, 2023
Regular Meeting

In compliance with Government Code §54957.5, nonexempt writings that are distributed to a majority or all of the MiraCosta Community College District Board of Trustees in advance of their meetings may be viewed at the Office of the Superintendent/President, One Barnard Drive, Oceanside, California, or by clicking on the Board of Trustee's website at <http://www.miracosta.edu/OfficeOfThePresident/BoardofTrustees/Agendas.htm>. Such writings will also be available at the board meeting. In addition, if you would like a copy of any record related to an item on the agenda, please contact Julie Bollerud, executive assistant to the superintendent/president, at 760.795.6610 or by email at jbollerud@miracosta.edu.

Audio recordings of board meetings are available upon request. Please contact the MiraCosta College Office of the President at 760.795.6610 or at jbollerud@miracosta.edu.

Subject: Career Education Update: Program Focus on Computer Science and CSIT (Computer Studies and Information Technology)	Attachment: PowerPoint Presentation
Category: Presentations	Type of Board Consideration: ✓ Information Consent Action
Institutional Goals: mcc_mission_statement.pdf (miracosta.edu)	Institutional Goal Supported: ✓ Goal 1 Goal 2 Goal 3 Goal 4
Recommended:  <hr/> Kristina Denée Pescarmona Assistant Superintendent/Vice President, Instructional Services	Approved for Consideration:  <hr/> Sunita V. Cooke, Ph.D. Superintendent/President

BACKGROUND

The board has requested follow-up presentation on the status of Career Education programs that serve our community and our students.

STATUS

Career Education faculty and administrators will provide a focused update on two programs of interest: Computer Science and Computer Studies and Information Technology. Dean Al Taccone and Associate Dean Ben Gamboa will be joined by faculty in the disciplines to discuss program data, challenges and opportunities.

RECOMMENDATION

For information only.



CAREER EDUCATION WORKSHOP

COMPUTER SCIENCE
COMPUTER STUDIES & INFORMATION TECHNOLOGY

TODAY'S AGENDA

Computer Science

Focused on engineering and software development

Transfers to computer science programs

Computer Studies & Information Technology

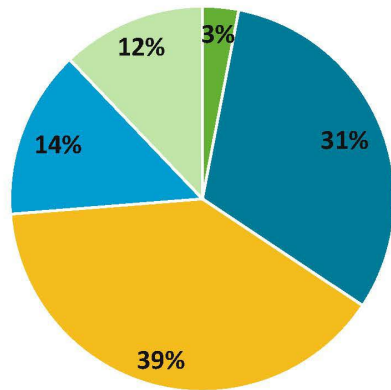
Focused on application of IT networks and systems

Transfers to IT programs

Prepares students for the workforce

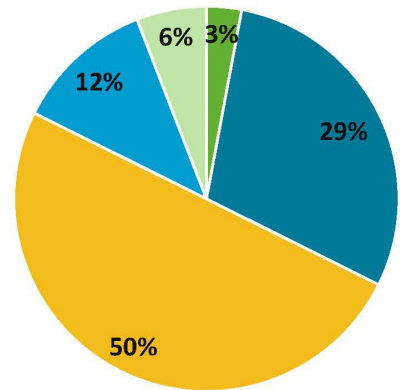
EQUITY IN COMPUTER SCIENCE

Enrollments in CS 2020-21



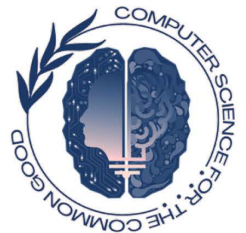
■ Black ■ Latinx ■ White ■ Asian/PI ■ Other

CSU Transfer in CS 2022-23



■ Black ■ Latinx ■ White ■ Asian/PI ■ Other

COMPUTER SCIENCE



Where we have been

- Computer Science for Transfer AST
- Software Development AA
- Certificates for Software Development, Game Developer, Mobile App Development
- Giving the Ownership of Active Learning to Students in CS (GOALS)
- Industry Certifications for Java, Python, and Android
- Preferred Provider of Software Engineering Talent

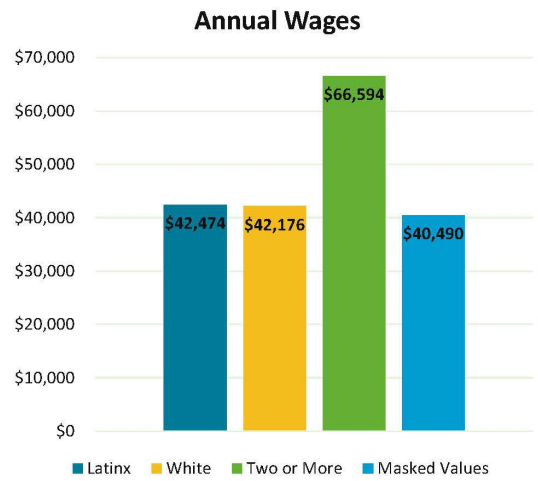
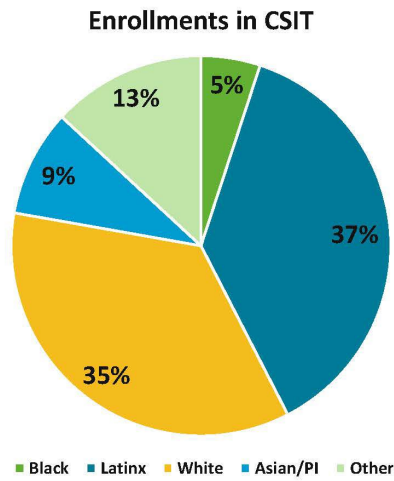
Where we are

- Computer Science for the Common Good Student Club (CSCG)
- Internships and Learning-Aligned Employment Program (LAEP)
- Pathways to Computing for Women of Color (PCWOC)
- SoCal International Collegiate Programming Competition (ICPC)

Where we are going

- Advancing San Diego: Verified Program of Computing Talent
- Industry Certifications for C++ and Game Development
- Mathematics, Engineering, Science Achievement (MESA)
- Zero Textbook Cost (ZTC) Initiative

EQUITY IN CSIT



CSIT: WHERE WE'VE BEEN



Curriculum aligned with:

- Employment trends
- Industry certification exams (e.g. CompTIA, Microsoft, etc.)
- Partner programs (i.e. PLNU)
- Work-based & experiential learning

ClubIT

- Student connection & engagement
- Guest speakers, community involvement, cyber league

San Diego Workforce Partnership CyberHire provider

More than doubled program awards

Faculty engagement



CSIT: WHERE WE ARE



Student success

1,667 students enrolled

Last 3 years: 71% success rate w/ a DI gap for Latinx at 68.5% (n=23)

Equity-based interventions

Dual enrollment with Oceanside

ClubIT building community

Faculty training in equity-based instructional practices

Outreach to grades 6-12

Lab renovations & tools, NetLabs, National Cyber League, certification prep vouchers

Workforce spotlights

Proficio hires 5 paid interns annually and converted to full-time employment



8

CSIT: WHERE WE'RE GOING

Artificial Intelligence

OER Grant to make entire pathway ZTC

Alignment with CSUSM BS Cyber Degree

Data Science Pathway Collaboration

Cloud Computing

Faculty Leadership at College & Regionally

Challenges and Opportunities

Facilities and staffing

Technology upgrades

Classroom support

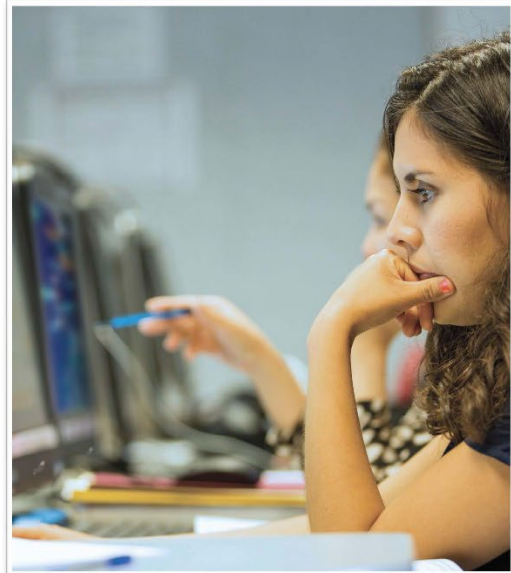
Fast changing technology landscape



9


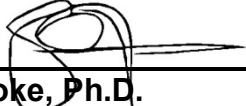


OTHER CHALLENGES & OPPORTUNITIES



DISCUSSION



Subject: Futures Update	Attachment: None
Category: Information Items	Type of Board Consideration: ✓ Information Consent Action
Institutional Goals: mcc_mission_statement.pdf (miracosta.edu)	Institutional Goal Supported: ✓ ✓ ✓ ✓ Goal 1 Goal 2 Goal 3 Goal 4
Recommended:  _____ Sunita V. Cooke, Ph.D. Superintendent/President	Approved for Consideration:  _____ Sunita V. Cooke, Ph.D. Superintendent/President

BACKGROUND

The district has been developing futures capacity at MiraCosta College since November 2019.

STATUS

College leadership will provide an informational update on Futures.

RECOMMENDATION

For information only.