

# COMPUTER STUDIES & INFORMATION TECHNOLOGY

The CSIT Program is designed to give students cutting-edge skills in the use of computers and information technology.

For more information, go to  
[miracosta.edu/csit](http://miracosta.edu/csit)

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*"My favorite thing about the CSIT department is the individual attention that I am able to receive from my instructors who were active in the field. I feel like my professors know me on a personal level and are eager to see me advance my skill sets."*

—Paola Toledo



## MIRACOSTA COLLEGE

Computer Studies & Information Technology  
[miracosta.edu/csit](http://miracosta.edu/csit)

CSIT Faculty

**Steve Isachsen**, Department Chair

- ▶ 760.757.2121, x6392
- ▶ [sisachsen@miracosta.edu](mailto:sisachsen@miracosta.edu)

**Rick Cassoni**

- ▶ 760.757.2121, x6369
- ▶ [rcassoni@miracosta.edu](mailto:rcassoni@miracosta.edu)

**Russ Alizadeh**

- ▶ [ralizadeh@miracosta.edu](mailto:ralizadeh@miracosta.edu)



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## COMPUTER STUDIES & INFORMATION TECHNOLOGY (CSIT)

CSIT programs give students both theoretical and hands-on experiences in a wide variety of computer related areas. We use job market trends, student surveys, and advice from local companies to ensure that our certificates and degrees prepare students with cutting-edge skills for high-demand, high-earning IT-related careers.

Many courses also prepare students for various professional certifications that are valued in the industry. All courses are transferable to a four-year university. Students get to complete a portfolio, internship, certification, or work experience class as part of their studies.



Club IT meets weekly and is open to all CSIT students.



*"MiraCosta was more than just a place to learn. As a CSIT student, I was an active member of ClubIT where we built a drone, programmed Raspberry Pi computers, provided volunteer IT support services to local nonprofit businesses, troubleshooted computers, and participated in outreach events such as the STREAM Festival."*

—John Hubbard, CSIT student

## DEGREES & CERTIFICATES

### Associate Degrees and Certificates of Achievement

prepare students for employment in CSIT related fields:

- Business Information Worker (BIW)
- Business Productivity Software Applications
- Internet and e-Commerce
- Information Technology
- Tech Support
- Management Information Systems
- Systems Administration
- Cyber Security

**Certificates of Proficiency** are short-term certificates that introduce students to one aspect of the CSIT related field.

- Certiport IC3 Digital Literacy
- Business Productivity Software Applications Essentials
- Certiport Microsoft Office
- Emerging Technologies
- CompTIA IT Core Essentials

### Professional Certifications

Certain CSIT courses provide preparatory training for various professional industry certification including:

Business Information Worker (BIW) Pathway I, II, and Specialist Levels; IC3 Digital Literacy IC3 Global Standard 4, 5, Fast Track, Spark; Microsoft Office 2016 Specialist and Expert Word, Excel, PowerPoint, Access; CompTIA A+, Network+, Security+; Microsoft Technology Associate (MTA)/ Microsoft Certified Solutions Associate (MCSA)—Windows Desktop and Server, Linux Professional Institute / Red Hat Certified System Administrator (RHCSA); CompTIA Cyber Security Analyst+ (CySA+) and PenTest+.

For more information about associate degrees and certificates, please contact the Counseling Department at 760.795.6670.

## INDUSTRY WAGES & JOBS AVAILABLE

Student wages Before and After taking CSIT classes:



### Top In-Demand Jobs in the San Diego Region

Less Technical IT Related Occupations	Hourly Wages
Office/Administrative Assistant/Secretaries	\$10.37–\$28.93
Customer Service Representatives	\$11.80–\$26.92
Office Managers/Administrative Supervisors	\$16.96–\$40.46
E-Commerce Specialists	\$18.79–\$59.63
More Technical IT Related Occupations	Hourly Wages
Computer User Support Specialists	\$18.30–\$40.68
Network Support Specialists	\$20.34–\$48.59
Systems Analysts	\$27.62–\$68.79
Cyber/Information Security Analysts	\$29.70–\$72.31

## WHO IS HIRING?

Top employers in the north San Diego region hiring for IT-related jobs include (*partial list*):

- Scripps Health
- University of California
- Sharp Healthcare
- Best Buy
- Marriott International, Inc.
- FedEx
- U.S. Navy
- Thermo Fisher Scientific Inc.
- Booz Allen Hamilton Inc.
- Northrop Grumman
- Viasat
- Qualcomm