

COMPUTER INFORMATION SYSTEMS

Division: Business and Computer Information Systems

Division Dean

Dr. Treisa Cassens (Interim)

Counselor

Robert Grantham

Faculty

Dr. Rassoul Alizadeh
 Bret Clarke
 Dr. Behzad Izadi
 Dr. Alireza Moady
 Peter Molnar
 Dr. Penn Wu

Computer Information Systems Transfer Program (AS-T Business Administration)

Students should consult a counselor or www.assist.org for lower division major requirements for most California public universities. (See the Standard Definitions section of the catalog for a description of ASSIST.) Students transferring to an independent college/university should consult the catalog of the individual school and a counselor for lower division major requirements.

- Business Information Worker Certificate
- Cisco Networking Certificate
- Computer and Office Applications Certificate
- Computer Information Systems Associate in Science Degree
- Computer Programming Associate in Science Degree
- Computer Programming Certificate
- Cyber Defense Associate in Science Degree
- Cyber Defense Certificate
- Cybersecurity Certificate
- Data Analytics Certificate
- Data Management Certificate
- DevSecOps (Development, Security, and Operations) Certificate
- System Administration and Technical Support Certificate
- Virtualization and Cloud Computing Certificate

At Cypress College, there are Department Program Student Learning Outcomes and Degree & Certificate Program Student Learning Outcomes.

Department Program Student Learning Outcomes:

Computer Information Systems

The courses taught by this department contribute to the following ISLO/PSLOs: A-Breadth of Knowledge, Competencies, and Skills, B-Communication Skills, and C-Critical Thinking, Problem Solving, and Information Competency Skills; specifically, the following ISLO/PSLO subcategories: A1-Business and Computer Information Systems, B1-Reading, B2-Writing, B3-Communicating, B4-Presenting, C1-Analysis, C3-Research, C4-Problem Solving, and C5-Technology.

A student who completes the Computer Information Systems (CIS) field of study will be able to:

- Demonstrate the knowledge and skills to utilize operating system commands, emails, Internet use, digital storage media.
- Use contemporary software application to create and modify word processing, spreadsheet, database, or presentation files.
- Acquire computer application skills to enhance his/her employment opportunity.

Computer Science

The courses taught by this department contribute to the following ISLO/PSLOs: A-Breadth of Knowledge, Competencies, and Skills; specifically, the following ISLO/PSLO subcategories: A1-Business and Computer Information Systems.

Computer Programming

A student who completes the Computer Programming field of study will be able to:

- Acquire problem analysis skills to design suitable solutions
- Code, debug, implement and maintain the computer programs
- Enhance his/her employment opportunity in the specific area of computer programming

Web Applications and Programming

A student who completes the Web Applications field of study will be able to:

- Demonstrate the knowledge and skills to employ the Internet tools to search the Web, manage email, communicate on the Web, download programs, share information, and strengthen Web security.
 - Demonstrate the knowledge and skills to create and implement maintainable Websites using a range of programming techniques and languages.
 - Demonstrate the knowledge and skills to apply a variety of Website management tools to maintain Websites.
 - Enhance his/her employment opportunity in a specific area of Web applications programming.
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Degree & Certificate Program Student Learning Outcomes:

The program student learning outcomes for each award can be found on the specific degree or certificate page.