COMPUTER INFORMATION SYSTEMS, CERTIFICATE OF ACHIEVEMENT

Banner Code: 1_CN_CIST
Control Number: 18193
Financial Aid Eligible

This program will meet major requirements for the Associate in Science degree but has not been articulated with any particular four-year institution. Students should not expect that they will necessarily meet the lower-division requirements at specific colleges or universities. Students should consult a counselor for specific transfer information.

This option provides the student with the lower-division transfer courses for some of the business oriented majors. Students are advised to check course transferability with an Orange Coast College counselor prior to enrolling in CIS courses.

Program Outcome

Students will be prepared for employment in entry-level positions in the computer and information systems industries.

Review Certificate Requirements (https://catalog.cccd.edu/orange-coast/graduation-requirements/certificates/#achievementtext).

Course	Title	Units
Required Courses		
ACCT A101/A101H	Financial Accounting	4
ACCT A102/A102H	Managerial Accounting	4
BUS A110/A110H	Business Law	3
CIS A111/A111H	Introduction to Computer Information Systems	3
ECON A170/A170H	Microeconomics	3
ECON A175/A175H	Macroeconomics	3
MATH A140	Business Calculus	5
or MATH A180/A180H	Calculus 1	
Select one of the following:		*4*
CS A131	Python Programming I	
CS A150	C++ Programming Language 1	
CS A170	Java Programming 1	
Total Units		**29**

Program Sequence

These sequences at Orange Coast College are curriculum maps for students to finish all requirements for the certificate. There may be advisories, prerequisites, or time requirements that students need to consider before following these maps. **Students are advised to meet with an Orange Coast College Counselor for alternate sequencing.**

Course	Title	Units
Year 1		
Semester 1		
ACCT A101	Financial Accounting	4
or ACCT A101H	or Financial Accounting Honors	
ECON A170	Microeconomics	3
or ECON A170H	or Microeconomics Honors	
CIS A111	Introduction to Computer Information Systems	3
or CIS A111H	or Introduction to Computer Information Systems Honors	
MATH A140	Business Calculus	5
or MATH A180	or Calculus 1	
or MATH A180H	or Calculus 1 Honors	
	Units	**15**
Semester 2		
ACCT A102	Managerial Accounting	4
or ACCT A102H	or Managerial Accounting Honors	
ECON A175	Macroeconomics	3
or ECON A175H	or Macroeconomics Honors	
BUS A110	Business Law	3
or BUS A110H	or Business Law Honors	
CERT RESTRICTED ELECTIVE- CHOOSE ONE		4
CS A131	Python Programming I	
CS A150	C++ Programming Language 1	
CS A170	Java Programming 1	
	Units	**14**
	Total Units	**29**