CS/IS50 : Computer Science/ Information Systems Internship

General Information

Author:	• James Miketta
Course Code (CB01) :	CS/IS50
Course Title (CB02) :	Computer Science/ Information Systems Internship
Department:	CSIS
Proposal Start:	Spring 2025
TOP Code (CB03) :	(0702.00) Computer Information Systems
CIP Code:	(11.0103) Information Technology.
SAM Code (CB09) :	Clearly Occupational
Distance Education Approved:	No
Will this course be taught asynchronously?:	No
Course Control Number (CB00) :	CCC000584264
Curriculum Committee Approval Date:	05/08/2024
Board of Trustees Approval Date:	07/16/2024
Last Cyclical Review Date:	05/08/2024
Course Description and Course Note:	CS/IS 50 is a discipline-specific course, which allows students to earn from 1-3 units for structured, supervised work on-campus or off-campus in the field of Computer Science under the supervision of a faculty advisor. It is designed to provide students with hands-on, discipline-linked work experience that will extend their knowledge and understanding of career demands in Computer Science. Note: This course is Pass/No Pass only. Note: This course may be taken four times; a maximum of 12 units may be earned. Students must arrange an approved internship prior to enrolling in this class.
Justification:	Mandatory Revision
Academic Career:	• Credit
Mode of Delivery:	
Author:	
Course Family:	

Academic Senate Discipline

Primary Discipline:	• Computer Information Systems (Computer network installation, microcomputer technology, computer applications)
Alternate Discipline:	• Computer Science
Alternate Discipline:	No value

Course Development

Basic Skill Status (CB08)

Course is not a basic skills course.

☐ Allow Students to Gain Credit by Exam/Challenge

Course Special Class Status (CB13)

Course is not a special class.

Pre-Collegiate Level (CB21)

Not applicable.

Grading Basis

- Grade with Pass / No-Pass Option

Course Support Course Status (CB26)

Course is not a support course

General Education and C-ID

General Education Status (CB25)

Not Applicable

Transferability

Transferable to CSU only

Transferability Status

Approved

Units and Hours

Summary

Minimum Credit Units (CB07)	1
Maximum Credit Units (CB06)	3
Total Course In-Class (Contact) Hours	54 - 162
Total Course Out-of-Class Hours	0 - 0
Total Student Learning Hours	54 - 162

Credit / Non-Credit Options

Course Type (CB04)

Credit - Degree Applicable

Noncredit Course Category (CB22)

Credit Course.

Noncredit Special Characteristics

No Value

Course Classification Code (CB11)

Credit Course.

✅ Variable Credit Course

Funding Agency Category (CB23)

Not Applicable.

☐ Cooperative Work Experience Education Status (CB10)

Weekly Student Hours

	In Class	Out of Class
Lecture Hours	0	0
Laboratory Hours	3 - 9	0
Studio Hours	0	0

Course Student Hours

Course Duration (Weeks)	18
Hours per unit divisor	54
Course In-Class (Contact) Hours	
Lecture	0
Laboratory	54 - 162
Studio	0

Total	54 - 162	

Course Out-of-Class Hours	
Lecture	0
Laboratory	0
Studio	0
Total	0

Time Commitment Notes for Students

No value

Units and Hours - Weekly Specialty Hours

Activity Name	Type	In Class	Out of Class
No Value	No Value	No Value	No Value

Pre-requisites, Co-requisites, Anti-requisites and Advisories

No Value

Entry Standards

Entry Standards

Course Limitations

Cross Listed or Equivalent Course

Specifications

Methods of Instruction

Methods of Instruction	Laboratory

Methods of Instruction	Lecture

Methods of Instruction	Multimedia

Methods of Instruction	Demonstrations

Methods of Instruction	Field Activites (Trips)

Out of Class Assignments

- Journal (e.g. documentation of duties performed)
- Written assignments (e.g. research of industry-specific educational requirements)
- Final resume
- Final project (e.g. professional portfolio)

Methods of Evaluation	Rationale
Other	Internship facility supervisor's evaluation of studentNot applicable
Other	Reports (e.g. weekly reports of reflections on internship experiences)
Other	Student self-evaluation (e.g. self-assessment of internship performance)

Textbook Rationale

No required textbooks. Faculty advisor and staff at the host institution may assign readings from discipline-specific sources.

Textbooks

Author	Title	Publisher	Date	ISBN
No Value	No Value	No Value	No Value	No Value

Other Instructional Materials (i.e. OER, handouts)

No Value

Materials Fee

No value

Learning Outcomes and Objectives

Course Objectives

Identify the professional and educational minimum qualifications for employment and advancement within the target career/discipline.

Demonstrate effective professional practices and soft skills of a specific career/discipline.

Analyze personal performance of specific skills related to the target career/discipline.

Compose a resumé.

SLOs

Demonstrate basic occupational competencies required for employment in the target career/discipline.   Expected Outcome Performance: 70.0

ILOs Core ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions; cultivate creativity that leads to innovative ideas.
	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or methodologies to solve unique problems.
CSIS Information Technology - A.S. Degree Major	Demonstrate an understanding of ethical concern associated with information technology including access, reliability, legal, ethical, and accuracy; identify types of computer crime; select, access, and use appropriate sources.
	Demonstrate installing, configuring, and maintaining computer and mobile devices, including diagnosing, resolving, and documenting common hardware and software.
	Demonstrate the proper server operation procedures, maintenance procedures and managing risks associated with real world networks.
CSIS Information Technology Certificate	Demonstrate an understanding of ethical concern associated with information technology including access, reliability, legal, ethical, and accuracy; identity types of computer crime; select, access, and use appropriate sources.
	Demonstrate installing, configuring and maintaining computer and mobile devices, including diagnosing, resolving and documenting common hardware and software.
	Demonstrate the proper server operation procedures, maintenance procedures and managing risk associated with real world networks.
CSIS Computer Programmer - Certificate	Demonstrate the ability to independently create, save, modify and print a document using a word processing program and appropriate assistive technology.
CSIS Computer Science - A.S. Degree Major	Prepare a software project to implement a single scientific, mathematical, business, or technical function.
CSIS Computer Science - Certificate	Prepare a software project to implement a single scientific, mathematical, business, or technical function.
CSIS Computer Information Systems	analyze simple business or technical problems relevant to programming, and prepare solutions to them
	demonstrate an understanding of the operations and processes of a computer relevant to programming.
	implement a program in either C/C++ or Java, using objects
CSIS Computer Support Technician	demonstrate an understanding of computer structure and operations
	possess a basic knowledge of computer operation and capabilities with the skills to troubleshoot problems or aid in user support.
CSIS Computer Software Technician	demonstrate the ability to independently create, save, modify and print a document using a word processing program and appropriate assistive technology
	write a computer program using either C/C++, Java, or Visual Basic
CSIS Web Development - Certificate	use industry standard tools and techniques to produce, publish and maintain Web sites and Web content.

CSIS Web Development - A.S. Degree Major	use industry standard tools and techniques to produce, publish and maintain Web sites and Web content.

Additional SLO Information

Does this proposal include revisions that might improve student attainment of course learning outcomes?

No

Is this proposal submitted in response to learning outcomes assessment data?

No

If yes was selected in either of the above questions for learning outcomes, explain and attach evidence of discussions about learning outcomes.

No Value

SLO Evidence

No Value

Course Content

Lecture Content

No value

Laboratory/Studio Content

Internship (54-162 hours TBA)
- On-the job shadowing of current employees
- Information gathering of current industry trends systems analysis and design, computer networking, information security, database management and software development

Total hours: 54-162

Additional Information

Is this course proposed for GCC Major or General Education Graduation requirement? If yes, indicate which requirement in the two areas provided below.

No

GCC Major Requirements

No Value

GCC General Education Graduation Requirements

No Value

Repeatability

Not Repeatable

Justification (if repeatable was chosen above)

No Value

Resources

Did you contact your departmental library liaison?

No

If yes, who is your departmental library liason?

No Value

Did you contact the DEIA liaison?

No

Were there any DEIA changes made to this outline?

No

If yes, in what areas were these changes made:

No Value

Will any additional resources be needed for this course? (Click all that apply)

- No

If additional resources are needed, add a brief description and cost in the box provided.

No Value