



MISSION STATEMENT AND STUDENT LEARNING OUTCOMES for Computer Information Systems

Review Year: 2026	Division: Business	Discipline/Program/Department: Computer Information Systems	Contact Person(s): Hensley, Nikki
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Mission Statement

The mission of the Computer Information Systems degree is to equip students with the technical skills and knowledge required to develop web-enabled applications using integrated development environment and object-oriented programming. The program promotes lifelong learning and continually assesses student learning, making necessary modifications in teaching as indicated to best prepare students for this career.

Program/Discipline Curriculum Map

I = Introduce: Student is first exposed to the concept/idea and is requested to apply the concept in a limited scope.
E = Emphasize: Student applies concept(s) in varying/multiple situations of greater complexity than when initially introduced.
R = Reinforce: Student may be expected to understand the concept upon taking the course and utilizes the concept in conjunction with other concepts/ideas to solve problems.

PROGRAM/DISCIPLINE OUTCOMES	COURSE PREFIX AND NUMBER																																					
Graduates of the program or discipline shall be able to:	CIS 174	CIS 180	CIS 185	CIS 195	CIS 177	CIS 212	CIS 297	CIS 165	CIS 246	CIS 178	CIS 246	CIS 252	CIS 262	CIS 263	CIS 264	CIS 275	CIS 256	CIS 187	CIS 274	CIS 275	CIS 277	CIS 287	CIS 288															
Analyze requirements, design and implement applications using object- oriented languages and integrated development environments.		I			E	R		E	E	E	R	E	R	R	R			E	R			R	R															
Develop web-enabled databases applications.				I												E	E			R	R																	
Communicate fluently about information technology concepts to a technical and non-technical audience.	I		I				E				E																											

Map Comments:

These courses are in Web Development and IT Service & Support subplans and are assessed in the Cybersecurity & Networking Program. NETW 101, NETW 188, NETW 271
The following courses are in the Web Design subplan: CIS 147, CIS 168, CIS 171, CIS 172, CIS 173, CIS 230, CIS 273, CIS 257, MKT 126. These courses are assessed in the Marketing & Graphic Communications Program.
The following course is in the Web Development subplan: CIS 259. This course is assessed in the Marketing & Graphic Communications Program.
The following courses are in the IT Service & Support subplan: OAT 128, OAT 156, OAT 171, OAT 175, OAT 180, OAT 280. The core requirements of the CIS program assess these students.

The following course is in the Software Development subplan: MATH 112. This course is assessed in the Math Department.

Core Competency Map									
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