

COMPUTER SCIENCE Program

ISLOs, PSLOs, CSLOs, Mapping, and Assessment Plan

		Year 1		Year 2		Year 3		Year 4		Year 5		Year 6	
		F 2013	S 2014	F 2014	S 2015	F 2015	S 2016	F 2016	S 2017	F 2017	S 2018	F 2018	S 2019
INSTITUTIONAL STUDENT LEARNING OUTCOMES - ISLOs													
ISLO 1	COMMUNICATION												
1A	Read												
1B	Listen												
1C	Write												
1D	Dialogue												
ISLO 2	TECHNOLOGY AND INFORMATION COMPETENCY												
2A	Demonstrate Technical Literacy												
2B	Apply Technology												
2C	Access Information												
2D	Evaluate and Examine Information												
ISLO 3	CRITICAL AND CREATIVE THINKING												
3A	Inquire												
3B	Analyze												
3C	Problem Solve												
3D	Express												
ISLO 4	CITIZENSHIP												
4A	Ethics												
4B	Diversity												
4C	Sustainability/Global Awareness												
4D	Personal Responsibility												
COMPUTER SCIENCE PROGRAM OUTCOMES - PSLOs		Related ISLOs											

PSLO A	Engage in continuous learning as well as research and assess new ideas and information to provide the capabilities for lifelong learning.	1A,1B,1C,1D,2A,2B,2C,2D,3A,3B,3C																		
PSLO B	Read and interpret technical information, as well as listen effectively to, communicate orally with, and write clearly for a wide range of audiences.	1A,1B,1C,1D,2A,2B,2C,2D,3A,3B,3C																		
PSLO C	Analyze a problem and craft an appropriate algorithmic solution.	1A,2A,2B,2C,2D,3A,3B,3C																		
PSLO D	Apply knowledge of computing and mathematics appropriate to the discipline.	1A,2A,2B,2C,2D,3A,3B,3C																		
PSLO E	Interpret data, think critically and apply the scientific method.	1A,2A,2B,2C,2D,3A,3B,3C																		

COMPUTER SCIENCE CONCENTRATION AA or AS degree - same as the PSLOs.	
MANAGEMENT INFORMATION SYSTEMS CONCENTRATION AA or AS degree - same as the PSLOs.	
EMBEDDED SYSTEMS CONCENTRATION CERTIFICATE OF ACHIEVEMENT - same as the PSLOs.	
WEB PROGRAMMING CONCENTRATION CERTIFICATE OF ACHIEVEMENT - same as the PSLOs.	

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COMPUTER SCIENCE COURSE OUTCOMES - CSLOs		Related PSLO																		
	CSCI 10 - Introduction to Computing		C - Completed, P- Planned																	
CSLO 1	Describe the software development life-cycle.	B																		
CSLO 2	Describe the principles of structured programming and be able to describe, design, implement, and test structured programs using currently accepted methodology.	C																		
CSLO 3	Explain what an algorithm is and its importance in computer programming.	B,E																		
CSLO 4	Explain moral and ethical issues in computer science.	B																		
	CSCI 12 - Introduction to Object-Oriented Programming																			

CSLO 4															
		Related PSLO													
CSLO#	COURSE NUMBER: COURSE NAME														