

Program Map - Course alignment to the program goals

As of 2014-2015

Program: Computer Science (A.S.)					
Program Goals <i>A goal of this program is to ...</i>	Prepare students to understand basic principles of algorithms and computer language.	Prepare students to develop software.	Students will be able to evaluate the internal design and function of a modern computer system and how data is represented within the system	Meets General Education Requirements	Meets Graduation Requirement
ILO Reference <small>To which ILO(s) do the PLO(s) link?</small>	BC	BCD	BC	ABCDE	ABCDE
Program Learning Outcomes <i>Successful graduates from this program will be able to...</i>	Utilize various programming constructs in the development of algorithms.	Identify and implement appropriate algorithms to solve specific computer applications.		---	---
Assessment Tools	Satisfactory completion of laboratory assignments	Satisfactory completion of laboratory assignments	Essay questions on IS-141 exams.	General Education Assessments	Graduation Rate Data
EN 111				X	X
FS 100					X
IS 115	I	I			X
IS 124	I,A	I,A	I		X
IS 140	I	I	I		X
EN112				X	X
IS 125	A,P	A,P	I		X
IS 141	I,A	I,A	A,P		X
MA 127				X	X
IS 224	A,P	A,P			X
IS 207	I	I			X
IS 241	A,P	A,P			X
IS Elective	I,A,P	I,A,P			X
HU Selective				X	X
Western Civ. Selective				X	X
MA Elective				X	X
SC Elective (Lab)				X	X
Arts Selective				X	X
American History Selective				X	X
SS Elective				X	X
PE x 2					X

Key:

X - Course outcomes assessments serve the PLO

I – Introductory Level Outcomes

A – Applied Level Outcomes

P – Proficiency Level Outcomes

ILOs – A. Communication, B. Knowledge Management, C. Problem Solving, D. Ethics & Social Responsibility, E. Aesthetic Responsiveness