

MAPPING OF REQUIRED COURSES TO CSS STUDENT LEARNING OUTCOMES

Approved May 7, 2010

	Student Learning Outcomes									
	a	b	c	d	e	f	g	h	i	
TCSS 142		√	√							√
TCSS 143		√	√							√
TCSS 305	√	√	√				√			A
TCSS 321	√									
TCSS 322	√									
TCSS 325					A	A	A			
TCSS 342	A	√	√							
TCSS 343	√	√								
TCSS 360		A	A	A			√			√
TCSS 371	√	√	√						A	√
TCSS 372	√	√	√							
TCSS 422	√	√	√	√					√	√
Required Courses for BS in CSS	√ in a cell indicates that the outcome in that column is covered by the course in that row									
	A in a cell means the outcome in that column is assessed in the course in that row									

Student Learning Outcomes

- a) an ability to apply knowledge of computing and mathematics appropriate to the discipline;
- b) an ability to analyze a problem, identify and define the computing requirements appropriate to its solution;
- c) an ability to design, implement and evaluate a computer-based system, process, component, or program to meet desired needs;
- d) an ability to function effectively on teams to accomplish a common goal;
- e) an understanding of professional, ethical and social responsibilities;
- f) an ability to communicate effectively with a range of audiences;
- g) an ability to analyze the impact of computing on individuals, organizations and society, including ethical, legal, security and global policy issues;
- h) recognition of the need for, and an ability to engage in, continuing professional development;
- i) an ability to use current techniques, skills, and tools necessary for computing practice.