

The Student Outcomes for the BS in IT Program are:

- (a) An ability to apply knowledge of computing and mathematics appropriate to the program's student outcomes and to the discipline
- (b) An ability to analyze a problem, and 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, legal, security and social issues and responsibilities
- (f) An ability to communicate effectively with a range of audiences
- (g) An ability to analyze the local and global impact of computing on individuals, organizations, and society
- (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.
- (j) An ability to use and apply current technical concepts and practices in the core information technologies of human computer interaction, information management, programming, networking, and web systems and technologies. [IT]
- (k) An ability to identify and analyze user needs and take them into account in the selection, creation, evaluation, and administration of computer-based systems. [IT]
- (l) An ability to effectively integrate IT-based solutions into the user environment. [IT]
- (m) An understanding of best practices and standards and their application. [IT]
- (n) An ability to assist in the creation of an effective project plan. [IT]

## Relationship between IT Program Courses and Student Outcomes

ETCS/CSCI	a	b	c	d	e	f	g	h	i	j	k	l	m	n
<b>105</b>					<b>x</b>			<b>x</b>						
<b>108</b>					<b>x</b>	<b>x</b>	<b>x</b>							
<b>125</b>			<b>x</b>			<b>x</b>			<b>x</b>		<b>x</b>			
<b>155</b>	<b>x</b>		<b>x</b>						<b>x</b>	<b>x</b>				
<b>185</b>			<b>x</b>			<b>x</b>			<b>x</b>		<b>x</b>			
<b>235</b>	<b>x</b>								<b>x</b>					
<b>260</b>	<b>x</b>		<b>x</b>			<b>x</b>								
<b>330</b>	<b>x</b>	<b>x</b>							<b>x</b>					
<b>345</b>				<b>x</b>					<b>x</b>					
<b>455</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>
<b>ITEC</b>														
<b>251</b>	<b>x</b>													
<b>290</b>	<b>x</b>	<b>x</b>		<b>x</b>	<b>x</b>	<b>x</b>								
<b>305</b>			<b>x</b>			<b>x</b>			<b>x</b>					
<b>320</b>			<b>x</b>			<b>x</b>			<b>x</b>	<b>x</b>	<b>x</b>			
<b>410</b>												<b>x</b>	<b>x</b>	
<b>440</b>													<b>x</b>	<b>x</b>
<b>445</b>											<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>