University of Cebu

College of Computer Studies

BSIT Program Outcomes - Course Mapping

	BSIT Program Intended Learning Outcomes (PILOs) *--based from SEOUL Accord*	ITFund11	ComProg11	CompProg12	WebDev12	Ethics12	ComProg21	MulSys21	ComOrg21	TechWrite22	ComProg22	DataStruc22	OpSys22	SAD22	DataComm31	DataStruc31	DBSys31	Mgt1A	AIS32	DBSys32	SoftEng32	Practicum	Capstone	FreeEIHCI	FreeEIPNITS	FreeEINIH	FreeEITRNDS	FreeEIAI	FreeEICLOUD	FreeEIBDATA	FreeEIPM	ITElecPHP	ITElecASP	ITElecDROID1	ITElecDROID2	ITElecIOS1	ITElecIOS2	ITElecCCNA2	ITElecC
1	An ability to apply knowledge of computing and mathematics appropriate to the discipline.	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓				✓		✓		✓	✓	✓	✓	✓	✓	✓	✓
2	An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.		✓	✓	✓	✓	✓		✓		✓	✓		✓	✓	✓	✓			✓	✓	✓	✓	✓				✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
3	An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓				✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
4	An ability to function effectively on teams to accomplish a common goal.					✓								✓				✓			✓	✓	✓								✓				✓		✓		✓
5	An understanding of professional, ethical, legal, security and social issues and responsibilities.	✓				✓				✓			✓		✓			✓	✓	✓	✓	✓	✓				✓	✓	✓		✓				✓		✓	✓	✓
6	An ability to communicate effectively with a range of audiences.	✓				✓				✓				✓				✓			✓	✓	✓			✓					✓								
7	An ability to analyze the local and global impact of computing on individuals, organizations, and society.	✓				✓								✓				✓	✓		✓	✓	✓	✓				✓	✓	✓	✓								
8	An ability to recognize the need for and to engage in continuing professional development.	✓				✓				✓								✓			✓	✓	✓		✓	✓	✓				✓								
9	An ability to use current techniques, skills, and tools necessary for computing practice.	✓					✓	✓		✓	✓		✓	✓	✓	✓			✓	✓	✓	✓	✓	✓			✓		✓	✓	✓				✓		✓	✓	✓
10	An ability to use and apply current technical concepts and practices in the core information technologies.	✓			✓			✓					✓		✓			✓	✓	✓	✓	✓	✓	✓						✓	✓				✓		✓	✓	✓
11	An ability to identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems.	✓			✓			✓			✓			✓			✓		✓	✓	✓	✓	✓	✓				✓			✓							✓	✓
12	An ability to effectively integrate IT-based solutions into the user environment.							✓			✓				✓			✓	✓		✓	✓	✓	✓				✓			✓				✓		✓	✓	✓
13	An ability to understand the best practices and standards and their application.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14																																							
		10	4	4	6	7	5	7	4	5	7	4	6	9	8	5	5	8	9	8	13	13	13	9	2	2	4	8	6	7	10	4	4	4	9	4	9	9	10

BSIT Program Intended Learning Outcomes (PILOs)

--based from SEOUL Accord

		ITElecCCNA3	ITElecCCNA4	ITElecJBSE	
1	An ability to apply knowledge of computing and mathematics appropriate to the discipline.				30
2	An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.		✓		29
3	An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.		✓		32
4	An ability to function effectively on teams to accomplish a common goal.		✓		11
5	An understanding of professional, ethical, legal, security and social issues and responsibilities.		✓		20
6	An ability to communicate effectively with a range of audiences.				10
7	An ability to analyze the local and global impact of computing on individuals, organizations, and society.				13
8	An ability to recognize the need for and to engage in continuing professional development.				11
9	An ability to use current techniques, skills, and tools necessary for computing practice.		✓		24
10	An ability to use and apply current technical concepts and practices in the core information technologies.		✓		19
11	An ability to identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems.		✓		17
12	An ability to effectively integrate IT-based solutions into the user environment.		✓		16
13	An ability to understand the best practices and standards and their application.		✓		38
14					0
			9	0	