

Computer Information Technology Curriculum, Outcomes and Assessment Diagram - MICS (November 2016)

Institutional Learning Outcome	PLNU Mission	Department Learning Outcomes	Program Learning Outcomes	Introduced	Reinforced	Mastery	Measure
<i>Learning: Informed by our Christian Faith:</i> Members of the PLNU community will display openness to and mastery of foundational knowledge and perspectives; think critically, analytically, and creatively; and communicate effectively.	<i>....minds are engaged and challenged</i>	Graduates will have a coherent and broad based knowledge of their discipline. (Teach)	Students will be able to identify and evaluate information technology infrastructure necessary to meet an organization's business needs.	CIT 214 – Introduction to Hardware and Networking	CIT 224 – Introduction to Operating Systems and Security	CIT 314 – Networking CIT 324 – Security and Information Assurance	A+ certification and one additional certification.
			Students will be able to develop, plan and evaluate appropriate processes for managing information systems and information technology projects.	CIT 214 – Introduction to Hardware and Networking CIT 224 – Introduction to Operating Systems and Security	CIT 334 – Project Management	CIT 434 – Management of Information Systems	Signature Assignment to create a project plan and / or management plan to implement and maintain a given information technology. CIT334
			Students will be able to design, develop, and evaluate software solutions to meet an organization's business needs.	CIT 334 – Project Management	CIT 354 – Database Design CIT 364 – Web Design and Scripting	CIT 414 – Web Programming CIT 424 – Visual Programming CIT 434 – Management of Information Systems	Signature Assignment to design and develop a systems solution to a given business need and a report/presentation evaluating its effectiveness. CIT434
<i>Growing: In a Christian Faith Community:</i> Members of the PLNU community will demonstrate God-inspired development and understanding self and others and live hospitably within complex professional, environmental and social contexts.	<i>....character is modeled and formed</i>	Students will develop characteristics necessary to be effective members of the communities where they work and live. (Shape)	Students will be able to apply their technical knowledge to solve problems.	CIT 314 – Networking CIT 324 – Security and Information Assurance	CIT 334 – Project Management CIT 354 – Database Design CIT 364 – Web Design and Scripting	CIT 414 – Web Programming CIT 424 – Visual Programming CIT 434 – Management of Information Systems	A+ certification and one additional certification.
			Students will be able to speak about their work with precision, clarity and organization (Oral Communication)	CIT 314 – Networking CIT 324 – Security and Information Assurance	CIT 334 – Project Management CIT 364 – Web Design and Scripting	CIT 434 – Management of Information Systems	Signature Assignment to create a presentation on a given assignment and their respective solution. CIT481
			Students will be able to write about their work with precision, clarity and organization (Written Communication)	CIT 314 – Networking CIT 324 – Security and Information Assurance	CIT 334 – Project Management	CIT 434 – Management of Information Systems	Signature Assignment to create a plan/report on a given assignment and their respective solution. CIT481 ETS Proficiency Profile CIT424
			Students will collaborate effectively in teams.	CIT 314 – Networking CIT 324 – Security and Information Assurance	CIT 334 – Project Management	CIT 414 – Web Programming CIT 424 – Visual Programming	Team assignment in CIT334 where team will evaluate each other.
			Students will be able to identify, locate, evaluate, and effectively and responsibly use and cite information for the task at hand (Information Literacy).	CIT 324 – Security and Information Assurance	CIT 334 – Project Management	CIT 434 – Management of Information Systems CIT 481 – Information Technology Research Project.	Students will utilize and properly cite appropriate trade press and scholarly journals to support their analysis and recommendations. CIT481
			Students will be able to gather relevant information, examine information and form a conclusion based on that information (Critical Thinking).	CIT 314 – Networking CIT 324 – Security and Information Assurance	CIT 334 – Project Management	CIT 434 – Management of Information Systems CIT 481 – Information Technology Research Project.	ETS Proficiency Profile CIT424
			Students will be able to understand and create arguments supported by quantitative evidence, and they can clearly communicate those arguments in a variety of formats (Quantitative Reasoning).	CIT 224 – Introduction to Operating Systems and Security CIT 224 – Introduction to Operating Systems and Security	CIT 354 – Database Design CIT 424 – Visual Programming	CIT 434 – Management of Information Systems CIT 481 – Information Technology Research Project	ETS Proficiency Profile CIT424
			Students will demonstrate an understanding of the complex issues faced by diverse groups in global and/or cross-cultural contexts.	CIT 324 – Security and Information Assurance	CIT 334 – Project Management	CIT 434 – Management of Information Systems	Signature assignment in CIT434
			Students will understand the professional, ethical, legal, security and social issues and responsibilities with the implementation and use of information technology.	CIT 324 – Security and Information Assurance	CIT 334 – Project Management	CIT 434 – Management of Information Systems	Faculty evaluation of student responses to a given set of business case scenarios. CIT334 or CIT434
<i>Serving: In a Context of Christian Faith:</i> Members of the PLNU community will engage in actions that reflect Christian discipleship in a context of communal service and collective responsibility, serve both locally and globally in a vocational and social setting	<i>....service becomes an expression of faith</i>	We believe that work is an act of service. Graduates will be prepared to serve a complex world through their technical and professional abilities. (Send)	Graduates will be prepared for: <ul style="list-style-type: none"> careers that use information technology in business, industry, government and the non-profit sector ; and graduate study in fields related to information technology. 	This occurs throughout the curriculum in every class and is the overall goal of the program.			Alumni Survey