NYIT Institutional and Program Learning Goal Alignment

Information Technology

NYIT MISSION	NYIT LEARNING GOALS *By the time of graduation, NYIT students will be able, at the appropriate level (baccalaureate, masters or professional) to:*	ACADEMIC PROGRAM LEARNING GOALS Baccalaureate Level BS in Information Technology
Career Oriented Professional Education	Gain a coherent understanding of the knowledge, skills, and values of their discipline	(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
Applications Oriented Research	Integrate academic and co-curricular learning to explore concepts and questions that bridge disciplines, professions, and cultures Formulate evidence-based and ethical courses of action or conclusions to address challenges and problems Engage with, respond to, and reflect on political, social, environmental and economic challenges at local, national, and global levels	(c) An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs (e) An understanding of professional, ethical, legal, security and social issues and responsibilities (g) An ability to analyze the local and global impact of computing on individuals, organizations, and society (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]

NYIT Institutional and Program Learning Goal Alignment

Access to Opportunity	Achieve proficiency in oral and written communication, scientific and quantitative reasoning, critical analysis, technological competency, and information literacy Develop self-efficacy, professionalism, creativity, and an innovative spirit	(d) An ability to function effectively on teams to accomplish a common goal (f) An ability to communicate effectively with a range of audiences (h) Recognition of the need for and an ability to engage in continuing professional development
Other		