INFORMATION TECHNOLOGY PROGRAM

The Bachelor of Science in Information Technology (BSIT) program highlights the practical application of information technology (IT). It provides students with the breadth and depth of IT needed for professional success in the field. It prepares students to be well versed in application installation, operation, development, maintenance, administration, and familiarity with hardware installation, operation, and maintenance.

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

Three to five years after completing the Bachelor of Science in Information Technology (BSIT), the graduates will:

1. Excel in their profession/career utilizing the knowledge acquired in the Information Technology program;

2. Become effective collaborators and innovators in information technology, applying professional/technical skills and competencies to make a positive impact on society; and

3. Be engaged in life-long learning and professional development through self-study, continuing education, or graduate and professional studies.

STUDENT OUTCOMES (SO)

After the completion of the program, the graduates of the BSIT program shall be able to:

a. apply the knowledge of computing, science, and mathematics appropriate to the discipline;

b. understand best practices and standards and their applications;

c. analyze complex problems, identify and define the computing requirements appropriate to its solution;

d. identify and analyze user needs and take them into account in the selection, creation, evaluation, and administration of computer-based system;

e. design, implement and evaluate computer-based systems, processes, components, or programs to meet desired needs and requirements under various constraints;

f. integrate IT-based solutions into the under environment effectively;

g. apply knowledge through the use of current techniques, skills, tools, and practices necessary for the IT profession;

h. function effectively as a member or leader of a development team recognizing the different roles within a team to accomplish a common goal;

i. assist in the creation of an effective IT project plan;

j. communicate effectively with the computing community and with society at large about complex computing activities through logical writing, presentations, and clear instructions;

k. analyze the local and global impact of computing information technology on individuals, organizations, and society; understand professional, ethical, legal, security, and social issues and responsibilities in the utilization of information technology; and

l. recognize the need for and engage in planning, self-learning, and improving performance as a foundation for continuing professional development.