## ASSOCIATE OF APPLIED SCIENCE COMPUTER INFORMATION SYSTEMS

**GOALS**

The purpose of the programme is to develop student knowledge of Web Development in the following ways:

* introduce students to concepts of information and communication technologies in order to acquire an appreciation for the social, scientific, and engineering principles underlying the development of computer, information, and communication based solutions to problems
* develop skills in real-world problem-solving, programming, design, creation of products utilizing a variety of computer applications and hardware found in the business environment
* build on the core concepts at the introductory level and by focusing on advanced applications in their areas of interest

**LEARNING OUTCOMES**

1. **Technical and Organizational Knowledge**
2. Students will demonstrate an understanding how to use technology to achieve business goals and strategies,
3. Manage technology resources for competitive advantage
4. **Vocational Vision**
5. Students will demonstrate the ability to Acquire insight into future opportunities related to computer information systems in software development, business systems analysis, consulting, network management, and project management

Associate, Diploma, Certificate

1. **Technical Communication Skills**
2. Students will demonstrate ability in their develop proficiency in written and oral IT vocabulary (through individual and group project work that purposefully targets technical report writing and vocal defence of technical solutions

Associate, Diploma, Certificate

1. **Cooperative and Collaborative Skills**
2. Students will demonstrate an ability to engage in team work and collaborative ventures (requiring them to demonstrate the application of analytic and problem-solving skills with their peers.

1. **Global Citizenship**
2. Students will demonstrate an appreciation for equity and interdependence of people around the world and demonstrate empathy for the influence of technology on social and economic injustice, racial and ethnic inequality, and ecological loss.
3. **Mathematical Competency**
4. Students will demonstrate the ability to Solve mathematical problems through reasoning, estimation, and application of logic through a number of technology application packages.
5. **Independent Study Skills**
6. Students will demonstrate the ability to conduct individual and independent reading, research, analysis, and writing using both paper-based and online materials.