Computer Science program at AIU

The program's educational objectives and the Student's Outcomes

Within a few years after graduation, graduates of the CSC program are expected to:

1. Practice and innovation: Apply a strong foundation in computer science theory and programming practice to analyze, develop, and deploy innovative computing solutions to real-world problems in industry, entrepreneurship, or research, in line with global professional standards.
2. Responsibility and leadership: Assume leadership roles and contribute responsibly to society, exercising ethical judgment and professional responsibility in the development and use of technology.
3. Lifelong learning and development: Continue to learn and adopt emerging technologies through graduate study, certification, and professional development, applying them to improve the quality of human life.

The Computer Science Program is designed to provide students with the ability to:

- SO1: Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
- SO2: Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- SO3: Communicate effectively in a variety of professional contexts.
- SO4: Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- SO5: Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- SO6: Apply computer Science theory and software development fundamentals to produce computing-based solution.

