

## Annual Academic Assessment Report

## Bachelor of Arts in Computer Science (CSCEBA)

**Student Learning Outcomes:**

- a. An ability to apply knowledge of computing and mathematics appropriate to the discipline.
- b. An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.
- 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.
- f. An ability to communicate effectively with a range of audiences.

**Assessment and Evaluation: AY 2023-2024** The Department of Electrical Engineering and Computer Science (EECS) evaluated Student Learning Outcome assessments. The results of the analysis include the following:

- **Outcome a:**
  - The outcome measured in courses indicates students are achieving the Outcome at the desired target level.
- **Outcome b:**
  - The outcome measured in courses indicates students achieved the Outcome at the desired target level in Fall 2023 but not in Spring 2024. This will be monitored in future courses to determine if it is an outlier.
- **Outcome c:**
  - The outcome measured in courses indicates students are not achieving the Outcome at the desired target level.
  - Students are not starting to work on the projects early enough.
- **Outcome e:**
  - The outcome measured in courses indicates students are achieving the Outcome at the desired target level.
- **Outcome f:**

- The outcome measured in courses indicates students are achieving the Outcome at the desired target level.

### **Changes to the Degree Program – Planned or Considered**

There are no changes to the BA in Computer Science degree program planned or considered based on the assessment and evaluation process.

### **Changes to the Assessment Process – Planned or Completed**

Data related to Outcome c., an ability to design, implement and evaluate a computer-based system, process, component, or program to meet desired needs, will be collected and reviewed in Fall 2024 to further analyze students' apparent difficulty in design of programs.