

**CSC 342: Software Engineering**

- Credit hours (Lectures, Lab, & Tutorial): **3** (3 + 0 +1).
- Prerequisites: CSC 212.

**Course content:** The software process, the software product, software process models: the waterfall model, the spiral model, etc., software methodologies: classical and object-oriented methodologies, applying software process models and methodologies (all phases) using a practical project, configuration management, software quality assurance, software testing, software reliability and software metrics.