

IS 342: Information Systems Engineering

- Credit Hours (lecture, lab, tutorial): **3** (3 + 0 + 1)
- Prerequisites: IS240.

Course content: The advanced steps to system developing, such as types of software testing, and user acceptance system testing. Different strategies used in installing application systems. Types of systems maintenance, and how to measure and control their effectiveness. Introduction to quality assurance, in general, and software quality assurance, as a special case, and the ISO 9000 and ISO 9125 quality factors, in addition to the different methods used in measuring software sizing specially those depend on object programming functions. Information systems development methodologies, requirement engineering, and software version management.