### Course Description:

The process of building successful software depends on three factors:

- Software technology,
- Economic factors and
- Human relations.

This course focuses on the above factors, and how to manage and deal with them to make a successful software development. The course also covers the concept of building software processes and procedures associated with software development and cost calculations.

### Course Contents:

1. Important economic concepts in the process of software development
2. Building software development team and empowering them.
3. Continuous improvement of procedures in building software process
4. Production tasks in the process of applications development
5. Economies of scale operations related to software development
6. Optimizing Restricted operations and cost estimation to build software.
7. Models of integrated operations.
8. Spiral model to build software and risk management in building software.

### Course Outcomes:

1. To know economic characteristics in the process of building software and how to measure and deal with them.
2. To know the requirements of choosing development team work.
3. To understand processes and procedures related to the software development for the economic side.
4. To familiarize with the economics and scale of operations and improvement restricted to operations and procedures.
5. To understand and employ the full models for the software development and the ability to employ them.
6. To understand the spiral model of software development and how to use it in the process of software development.
7. To analyze and face the risks associated with the process of building software.

### Textbook:


### Extra Reference: