Semester - VI
MCA-6 System Development Project - II

(for at least 4 months)

Objectives of the course

· to provide the students with experience in analyzing, designing, implementation and evaluating information systems.

Instructional notes

Students are assigned one or more system development projects. The projects involve part of all of the system development cycle. Students work in teams to acquire practical the behavioral considerations in systems development. The work parallels other course in the final year of the degree program. The activity should be extended over two semesters. The information analysis portion of the projects should begin in the 5th semester, as soon as the students have sufficient capability to begin applying information analysis techniques, projects should be completed and documented in the 6th semester. Once a team has completed its projects, a team in a subsequent class can expand on it, obtaining experience in the revision and sophistication of existing computer based systems. The following are possible alternatives for projects.

Alternatives:

1. Development of a system for a local firm under supervision of the faculty and the systems analysis staff, students develops a small application for a computer - based management information system for a local firm. Students might also work as members of established client company teams.

2. Development of a system for a university/college under the supervision of the faculty and the university administrative data processing unit, students develop a system to benefit the university. Examples are alumni record and follow - up system, bookstore ordering/accounting, and classroom scheduling system.

3. Development for hypothetical application students develops an application for a hypothetical firm and prepares system development deliverables.