DESCRIPTION

One semester, Jr/Sr/Grad course in systems analysis and design, or capstone course in MIS departments where students work on a project or extensive case. McLeod and Jordan's text is ideal for courses where student teams develop and implement software systems in real organizations, or where students develop software to solve problems in written cases. The text is organized into nine chapters and eight supporting technical modules: the chapters provide a unique, thorough coverage of the entire system development life cycle (SDLC), and a strong foundation in systems concepts and systems methodologies, while the technical modules provide the tools students need to implement and apply the concepts. The goal of the text is to provide a strong foundation of the concepts, with emphasis on the later phases of actual implementation and design, providing the methodologies and tools necessary to complete a systems project in a real organization, including installation of operational software. It has been successfully class-tested by over 400 students.

ABOUT THE AUTHOR

Raymond McLeod Jr. and Eleanor Jordan are the authors of Systems Development: A Project Management Approach, published by Wiley.
FEATURES

- **Organization and coverage.** Modular organization allows flexibility for the instructor. McLeod emphasizes the entire cycle with more coverage of the phases that follow analysis and design including construction, installation and post implementation activity.

- **Project management emphasis.** The text is ideal for courses that assign real client projects. Students have the responsibility of managing their projects, and the text describes the planning and control mechanism used for PM, covering tools such as Gantt charts, network diagrams (CPM, PERT), and milestone charts. A “PM Toolbox” feature is integrated into each chapter, as well.

- **Knowledge, tools, skills approach.** The combination of chapter topics with supporting technical modules provide students with what they need to know in developing software-based systems. Real forms and templates are provided for students to use with their clients.

- **Integrated case (Advanced Systems Technology Associates or ASTA) throughout the book helps students apply every concept.** For courses where students do not work with real clients, the extended case introduces students to the project management issues, tools and techniques.

- **Equal coverage** of both structured and object-oriented programming gives instructors the flexibility to choose which methodology to emphasize.

- **Coverage of web-based system design.**