

MASTER OF ENGINEERING MANAGEMENT

— SCHOOL OF ENGINEERING —

ADMINISTRATION

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FACULTY

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B.S., Christian Brothers College; M.S., University of Tennessee;
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MISSION

THE MASTER OF ENGINEERING MANAGEMENT builds upon the bachelor's degree preparation in several engineering disciplines, other technical programs such as physics and chemistry, and quantitative management. The purpose of this degree program is to prepare individuals to successfully address supervisory and managerial needs in a technical environment. This program was developed for the engineer or technically prepared individual who has professional industrial experience and who expects to move up the management ladder to take an increasingly active role in his or her organization's decision-making process.

Students will take courses in technical fields, finance and accounting for technical manag-

¹ Sabbatical during Fall Semester

ers, computer applications for management, and systems simulation. They will also select several courses to build directly upon a technical area. The capstone of the program will be the completion of the Engineering Management Project. The Master of Engineering Management degree consists of thirty-three semester hours of academic work, which consists of eight core courses including the Engineering Management Project which should be the last course taken and three elective courses.

REQUIRED COURSES:

MEM 601. Engineering Management
MEM 602. Engineering Accounting
MEM 603. Engineering Finance
MEM 604. Social Legal, and Ethical Considerations for Engineering
MEM 605. Quality Assurance
MEM 606. Computer Applications
MEM 607. Operations Research
MEM 690. Engineering Management Project

ELECTIVE COURSES:

MEM 621. Engineering Law
MEM 624. Knowledge Engineering
MEM 636. Computer Networks
MEM 637. File Organization and Database Management
MEM 691, 692, 693. Special Topics
MEM 698. Professional Seminar
MEM 699. Research