

INDUSTRIAL MANAGEMENT TECHNOLOGY (IMT)

IMT 170 Introduction to Technology (1 Credits)

Development of an understanding in all aspects of industry and technology springing from the human abilities to reason, solve problems, create, construct, and use materials imaginatively.

IMT 205 Industrial Safety & Management (3 Credits)

Study of the nature, background, importance and trends in industrial safety. Major emphasis on regulatory aspects of industrial safety, identification and controlling safety hazards, accident and injury analysis, development of safety goals, material handling, and fire prevention and protection.

IMT 244 Industrial Specification & Technical Documentation (3 Credits)

Development of proficiency in writing technical reports through collecting, organizing, and presenting materials in specialized areas.

IMT 303 Internship in Technology (3 Credits)

Experience in developing and refining skills that require a transition into career-related positions relative to specialty programs. The purpose of the internship is to acquire a minimum level of practical application of the theory and content in the specialty program.

IMT 340 Engineering Economics (3 Credits)

Evaluation of engineering alternatives by , quantitative methods. Application to problems in, depreciation of assets, their replacement , analysis, break-even points, increment costs, and , production alternatives

IMT 412 Information Systems for Technology (3 Credits)

This course focuses on how managers can apply, knowledge of IT tools to solve technical problems, and find new opportunities to improve their, organizations. Problems relating to security, risk, analysis, telecommunications, human-machine, interaction, database management and artificial, intelligence are addressed.

IMT 413 Project Management (3 Credits)

A thorough coverage of the all aspects of managing a project. The process covered by the course include: project planning, organizing, creating project organization control and final project completion activities. Participant should gain a concrete understanding and foundation to successfully manage every phase of the project life cycle, work within organizational cost constraints, set goals linked directly to stakeholder needs, and utilize proven project management tools to complete the project on time and within budget.

IMT 415 Industrial Maintenance Management (3 Credits)

Identification and appraisal of industrial , maintenance management functions, organizational, problems, and practices. Consideration given to , key factors for optimizing maintenance efficiency, and effectiveness.

IMT 420 Labor & Industrial Relations (3 Credits)

Discussion of why individual groups and organizations in unions, management, and government act as they do in industrial relations with emphasis on psychological and sociological factors.

IMT 423 Motion/Time Study (3 Credits)

Methods, materials, tools and equipment of , industry for purposes of improvement and , standardization.

IMT 425 Plant Layout/Mat Hd (3 Credits)

The fundamental theories, practices, and methods , for design of manufacturing facilities; materials , handling equipment and services.

IMT 445 Statistical Quality Control (3 Credits)

Introduction to the principles of quality control in business and industrial engineering/technological managerial environments that provide techniques and procedures for determining and maintaining the quality of industrial products. Emphasis on random sampling, probability theories, and statistical methods for practical quality controls to ascertain if products meet industrial specifications.