Industrial Management Certificate and EV Fundamentals Micro-Credential

Contemporary Issues in Human Relations MGMT-3023 (45 Hours)

This course is designed to provide a conceptual framework for managing the diverse and complex human relations problems that characterize business and industries. Students will examine theories and research data pertaining to human relations issues. Topics include empowering employees, and managing confrontations that grow from race, gender, sexual orientation, age, and emotional differences that often emerge when organizations experience change.

Leadership in Organizations MGMT-3010 (45 Hours)

Management is a dynamic discipline full of rewards and challenges. Students preparing for a management position need to understand the broad dimensions that such a position will encompass. This introductory course is intended to better prepare the business student for the significant changes that are taking place while managing an organization in the 21st Century. This course will focus on the basic four-function approach of being a manager also incorporating the various aspects of organization theory.

Occupational Health HLTH-1102 (45 Hours)

This course will provide students with an overview of safety and risk management principles. Topics include responsibilities of firms and employees, economic impact of loss control, ergonomics, workplace hazards assessment, accident prevention, workplace violence and harassment, WHMIS, WSIB Act, and the Occupational Health & Safety Act of Ontario.

Quality Assurance Program and Techniques MGMT-3017 (45 Hours)

You will learn about the various Quality Assurance Programs that are currently being implemented by businesses. This course will enhance your understanding about how Quality Assurance programs are managed and the techniques used in ensuring a quality system.

Project Management MGMT-1219 (45 Hours)

Project management is more than just delegating work assignments to various individuals. Project management is specializing where individuals managing a project need precise information and the proper skills to successfully work in such an environment and accomplish project objectives.

Training & Development MGMT-3042 (45 Hours)

Students will learn how to identify training needs, develop and evaluate training programs, and training delivery techniques. Students will be required to design and facilitate a training session in class. In addition, students will learn about the importance of training programs and how they contribute to the corporate well-being and development of an organization and its employees.

Leadership and Supervisory Skills BUSI-1229 (45 Hours)

Effective leadership and management require a diverse skills set. This course provides those who lead teams or supervise employees with strategies to increase their personal effectiveness as well as their team's performance. This course focuses on communication skills, problem solving and building trust to improve the overall effectiveness of a team.

EV Fundamentals Micro-credential

The transition to electric vehicles (EVs) is reshaping the future of transportation and understanding the fundamentals of electric and electronic systems is essential for professionals entering this fast-growing field. EV Foundations provides a comprehensive introduction to the core principles behind electric vehicles, with a focus on battery technologies and clean tech applications.

Learners will explore the role of batteries in the global shift toward sustainable transportation, including the science behind electric and electronic fundamentals. The course covers types of batteries with a special emphasis on lithium-ion technology, its diverse applications, and the opportunities and challenges it presents. Attention is given to safety considerations, potential risks associated with battery transport and usage, and effective risk-mitigation practices.

- The role of clean technology in the EV sector.
- Electric and electronic fundamentals essential to EV systems.
- Battery fundamentals, including structure, chemistry, and performance.
- Types of batteries and applications of lithium-ion technology.
- Safety issues, transportation risks, and risk-mitigation strategies.
- Battery standards, regulations, and compliance practices.

By the end of this 45-hour course, learners will be equipped with the foundational knowledge required to understand the evolving landscape of EV technologies and their impact on clean transportation systems.