

APPLIED AND TECHNICAL STUDIES (ATS)

ATS 10000 INTRODUCTION TO ORGANIZATIONAL LEADERSHIP 3 Credit Hours

Course introduces key leadership concepts and practices based on a broad view of the practice of leadership in multiple types of organizations, including social service agencies, non-profit organizations, government units and small businesses. It provides a basic understanding of organizational leadership that is designed to guide students to discover the knowledge and skills that are characteristic of effective leaders. Leadership will be distinguished from the concept of management. Includes a basic examination of leadership theories and models as applied to different categories of organizations, cross-cultural leadership, ethics, power, leadership development, dyadic relations and contextual variation in traits of leaders.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

ATS 11001 INTRODUCTION TO VACUUM SYSTEMS 3 Credit Hours

Course will cover the types, working principle, application, troubleshooting and maintenance of vacuum pumps used in manufacturing industries.

Prerequisite: None.

Schedule Type: Laboratory, Lecture, Combined Lecture and Lab

Contact Hours: 2 lecture, 2 lab

Grade Mode: Standard Letter

ATS 11002 OVERVIEW OF MANUFACTURING MAINTENANCE 3 Credit Hours

Course will cover the concepts associated with a manufacturing environment, process control and lean manufacturing.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

ATS 20152 COMPARATIVE ORGANIZATIONAL ETHICS AND LEADERSHIP PRACTICE 3 Credit Hours

Course will examine differences in ethical standards and approaches in the workplaces, including social service agencies, non-profit organizations, government units and small businesses. It is focused on the role organizational leaders play in fostering ethical behavior appropriate to the organization via different forms of cultural development. Students will utilize contemporary case-studies and explore existing frameworks from organizations such as hospitals, educational entities and family-owned small businesses to study ethical dealings and moral leadership from an applied leadership perspective.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

ATS 20195 SPECIAL TOPICS 1-3 Credit Hours

Subject varies depending on the need and faculty.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 1-3 lecture

Grade Mode: Standard Letter

ATS 32016 EMOTIONAL INTELLIGENCE AND LEADERSHIP ACROSS ORGANIZATIONS 3 Credit Hours

Course will explore the essentials of emotional intelligence in relation to the human condition and the practical effects of understanding emotional intelligence for effective leadership across different types of organizations, including social service agencies, non-profit organizations, government units and small businesses. Students will engage in thoughtful self-assessment and self-reflection, while seeking to identify their strengths as well as their opportunities for personal growth and expanded emotional intelligence. The focus will be the application of emotional intelligence essentials to different types of organizations, and how that awareness can impact the leadership process for positive culture within varying organizations.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter

ATS 42012 ORGANIZATIONAL CARE AND SOCIAL RESPONSIBILITY 3 Credit Hours

Course examines the role of different kinds of organizations in improving community development through organizational responsibility. Topics will include an overview of varying types of organizational responsibility, metrics and the involvement of stakeholders at the organizational, employee and community levels. Organizations considered will include social service agencies, non-profit organizations, government units and small businesses. The course will foster the development of knowledge and explore real-world application of skills that will enable professionals to serve and contribute to advancements of organizations as a part of the community, be it work, nonprofit, voluntary organization, church, city or state through ethical and sustainable decision-making.

Prerequisite: None.

Schedule Type: Lecture

Contact Hours: 3 lecture

Grade Mode: Standard Letter