

Course Syllabi

1. EDCA-00235 ORGANISATION AND DIRECTION OF ENTERPRISES

2. Instructor:

- Angelica Maria Vele Salto

3. Bibliography

- Administración de Empresas, Hernández Ortiz, María, 2014
- Administración de Operaciones, Chase, Richard, 2009

4. Specific Course Information

- a. The subject of Organization and Management of Companies is theoretical and practical in nature, it includes the development of concepts and techniques used in the management of the operations of production of goods and/or services. It analyses the optimal strategies in the location and distribution of plant, organization of work, integrated systems of production, and programming and control of industrial operations. The subject contributes to the discharge profile in the following numbers: 2. 5. Simulate chemical industrial processes and operations, using computational tools, to establish relationships between variables that allow the making of appropriate decisions. 11. Evaluate and develop industrial projects with technical and economic criteria, to estimate their feasibility. 14. Act with professional ethics, considering the social and economic impact of their professional activity in the regulatory areas related to quality, health and safety and the environment.

b. Prerequisites:

- EDCA-00233 Industrial economy
- INGE-00025 Environmental management and technology

5. Learning Objectives of the Course

- a. Provide students with relevant management knowledge that enables them to effectively organize and manage operations and resources within a company. - Recognize the different types of companies, management and organization. - Apply strategic decisions in plant location and distribution. - Design optimal work system and integrated production systems. - Establish programming techniques and control operations.

b. Learning Outcomes

1. Evaluate and develop strategies for the organization of work and management of production with technical and economic criteria.
2. Act with professional ethics, considering the social, economic and environmental impact on decision-making in the programming and control of operations.
3. Understand the influence generated by the environment and its behavior within the organization and planning of feasible and competitive strategies of a company.
4. Effectively understand business structures and functions, governance and coincidences between actors represented through organizational designs.

6. Course Topics

1. The company and its organization
2. Introduction to strategic direction
3. Introduction to the direction of human operations and resources
4. Industrial location strategies and plant distribution
5. Organization of work

6. Integrated production systems
7. Programming and control of operations