

SUBJECT SYLLABUS ACADEMIC OVERVIEW INTERNATIONAL SCHOOL OF ECONOMIC & ADMINISTRATIVE SCIENCES

Operations Management (81125) COURSE NAME AND CODE:

PROGRAM:

Bachelor of Business Administration (BBA) Bachelor of International Business (BIB)

LEVEL OF STUDY:

Undergraduate Programme

Bachelor of International Marketing & Logistics Administration (BIMLA)

Bachelor of Gastronomy (GAS)

| GENERAL ACADEMIC INFORMATION | | | | | | | | |
|-------------------------------|--|-------------|----------|----|--------------------------------------|----|--|--|
| LATEST UPDATE | 2020-2 | | | | | | | |
| ACADEMIC DEPARTMENT | Operations Management | | | | | | | |
| SUBJECT TYPE | Mandatory | | | | | | | |
| LANGUAGE | English | | | | | | | |
| SEMESTER | Programme | | Semester | | | | | |
| | BBA | | 8 | | | | | |
| | BIB | | 6 | | | | | |
| | BIMLA | | 5 | | | | | |
| | GAS | | 6 | | | | | |
| NUMBER OF | | | | | | | | |
| ACADEMIC | 3 | | | | | | | |
| CREDITS | | T | | 1 | | _ | | |
| HOURS OF | | | | | _ | | | |
| ACADEMIC WORK | 144 | CONTACT HOL | JRS | 48 | HOURS OF INDEPENDENT/AUTONOMOUS WORK | 96 | | |
| LEARNING PREREQUISIT ES | Master basic mathematical concepts, such as mathematical analysis, solution of linear equations and handling of rules of three. Know the mathematical structure of basic probability models. Differentiate and apply different demand planning models. | | | | | | | |



| | • Commi | unicate written and orally i | in the English la | anguage. | | | | |
|---|---|---|-------------------|---|-----------------------------|-------------------------|--|--|
| INTERNATION AL COMPONENT | Vocabulary and technical language to communicate in different cultural contexts. Intercultural challenges. Courses linked to international challenges or projects with teams composed by both international faculty and students | | | | | | | |
| SUSTAINABLE DEVELOPMEN T GOALS (SDG) | | | | | | | | |
| COURSE DETAIL | | | | | | | | |
| COURSE DESCRIPTION | This subject enhances in the student the analytical thinking of the functions and roles of operations managers, understanding how the operations area is related and works with the other functions of the organization; acquiring capacity and confidence the quantitative and qualitative analysis of operations. | | | | | | | |
| KEY WORDS: | Operations mai | nagement, Inventory mana | agement, oper | ation costs | | | | |
| | EICEA ILOS or | Course ILOS | Туре | Content | Teaching and Learning | Assessment Method | | |
| | Programme ILOS | | Type | Content | strategy | | | |
| COMPETENCE S DEVELOPED | • | Know the different operating strategies commonly used in organizations. | Knowledge | - Introduction to Operations management in the industrial and services sector Procurement concepts (products, services and knowledge) | _ | Summative Assessment | | |



| | | Skill | - Analysis of costs of | Theoretical | Summative |
|-------------|--------------------------|----------|--------------------------------|-------------|------------|
| | | | operations in industries | Class | Assessment |
| | | | within a globalized world | | |
| | | | - Application of the Lean | | |
| | | | manufacturing tool. (waste | | |
| | | | management) | | |
| | | | - Introduction to Operations | | |
| | | | management in the | | |
| | | | industrial and services | | |
| | | | sector. | | |
| | | | - Operations cost analysis | | |
| ILO02 | Formulate strategies | Skill | - Inventory management | Projects | Formative |
| | that allow the | | systems - EOQ and POQ | Based | Assessment |
| BIMLA ILO07 | connection of | | models | Learning | |
| | operations with the | | - Theory of tails | | |
| | needs raised by the | | -Distribution and | | |
| | organization in the | | transportation logistics | | |
| | strategic planning of | | | | |
| | companies at a local | | | | |
| | and international level. | | | | |
| ILO04 | Apply the concepts of | Attitude | - The ethics of the operations | Case Study | Formative |
| | operations | | manager | | Assessment |
| | management under an | | | | |
| | ethical and moral | | | | |
| | framework based on | | | | |
| | human values. | | | | |

ILO01: Global Vision: Demonstrate an understanding of multicultural environments both in local and global contexts.

ILO02: Critical Thinking: Evaluate information using critical and analytical reasoning to address changing economic and business situations.

ILO03: Teamwork: Understand and work with others of different backgrounds to solve problems, develop meaningful relationships, and share knowledge.



| | ILO04: Ethics & Social Responsibility: Demonstrate awareness of ethical issues in business environments and contribute to the improvement of social conditions. ILO06: Understand principles and concepts of administration: Demonstrate specific knowledge in the field according to the level |
|------------------|--|
| | of study (Bachelor). BIMLA ILO07: Apply technical skills associated with marketing and logistics in the decision making process of the firm. |
| BIBLIOGRAPH Y | Jay Heizer, Barry Render. Operations Management. Edicion 11, PEARSON. Wayne L. Winston. Operation Research aplications and algorithms. Edición 5. Thompson Chase, R., Jacobs, F., Aquilano, N., Operation Management Edición 12, Mc Graw Hill. |