

Programme of study – ENGINEERING AND NAVAL AND PORT MANAGEMENT

Information about the qualification and learning outcomes of the programme of study

A. PROFESSIONAL KNOWLEDGE AND SKILLS

- Make calculations, demonstrations and applications in order to solve specific tasks in engineering and management area, based on knowledge of fundamental and engineering sciences;
- Developing and interpreting technical economic and managerial documentations that define the operation of the technical and economic systems associated to the Engineering and Management domain;
- Designing and conducting technical and economic processes and systems in naval and port sectors by using fundamental knowledge from technical and managerial sciences.

B. SPECIALIZED PROFESSIONAL COMPETENCIES

- Technical troubleshooting operations and economic problem solving in naval and port industry, by using acquired knowledge to explain theories and functional technologies;
- Developing, organizing and managing, effectively and profitably the small and medium businesses in the shipping industry and ports operations;
- Property and patrimony administration and the high efficiency management of those procured, administrated and allotted resources in naval and port businesses.

C. CROSS COMPETENCIES ASSOCIATED

- Identifying as member the assigned responsibilities within a multidisciplinary team, applying communication skills and promoting efficient work relationships within a multicultural group.
- Applying the principles of ethics in professional tasks approaching, to achieve the available resources identifications, the work flow stages organization and the deadlines fulfillment;
- Identifying training opportunities for personal lifelong learning development, finding dynamic sources of information, communication resources and training assistance.