

Competències de la titulació

21/06/2016

Centre: Terrassa School of Industrial, Aerospace and Audiovisual Engineering

Titulació: MASTER'S DEGREE IN MANAGEMENT ENGINEERING

Full 1 de 1 Total competències: 22

Generical

- CG1 Ability to apply knowledge to solve problems in new environments or unfamiliar environments within broader contexts (or multidisciplinary) related to engineering.
- CG2 Ability to integrate knowledge and formulate judgments with the aim of making decisions based on information that, with incomplete or limited include reflecting on social and ethical responsibilities linked to the application of their knowledge and judgments.
- CG3 Ability to effectively communicate their findings, knowledge and concluding reasons to skilled and unskilled audiences, clearly and unambiguously.
- CG4 Ability to operate and lead multidisciplinary and multicultural groups, with negotiation skills, group work, relationships in an international setting, and conflict resolution.
- CG5 Self-learning capacity to independent continuous training.
- CG6 Ability to understand the impact of engineering solutions in a global and social context .

Specific

- CE-A1 Acquire concepts and techniques related to descriptive and statistical inference.
- CE-A2 Acquire concepts and techniques relating to quantitative and experimental methods for analysis and decision making.
- CE-A3 Apply concepts and techniques of descriptive and statistical inference under uncertainty.
- CE-A4 Apply quantitative and experimental methods for making decisions in situations where intangibles appear
- CE-B1 Apply theories and inherent principles in the production and logistics area in order to analyze uncertainty complex situations and make decisions using engineering tools.
- CE-B2 Apply theories and inherent principles in the financial area in order to analyze uncertainty complex situations and make decisions using engineering tools.
- CE-B3 Apply theories and inherent principles in the commercial area in order to analyze uncertainty complex situations and make decisions using engineering tools.
- CE-B4 Apply theories and inherent principles in the personal area in order to analyze uncertainty complex situations and make decisions using engineering tools.
- CE-B5 Apply theories and principles related to technology and information systems in order to analyze uncertainty complex situations and make decisions using engineering tools.
- CE-B6 Apply theories and inherent principles in the general direction of an organization with the aim of analyzing uncertainty complex situations and make decisions using engineering tools.
- CE-C1 Identify, analyze, diagnose, design and implement solutions to complex socio-technical systems
- CE-C2 Plan, organize, implement, lead and manage engineering projects, especially projects of innovation (R + D + I) and process improvement.
- CE-C3 Manage activities with relevant content of projects and / or operations that technology and organization have to interact effectively and efficiently
- CE-C4 To analyze the risks and consequences of proposed solutions in the various organizational sub-systems and their social and environmental contexts.
- CE-C5 Develop and present a research proposal according to the criteria of the international scientific community.
- CE-C6 Develop a business plan in a new context.