

Course Syllabi

1. PPFS-00066 PROFESSIONAL PRACTICUM IV

2. 48 credits hours.

3. Specific Course Information

- a. Work practices are learning activities oriented to the application of knowledge and/or the development of professional skills. These practices will be carried out in organizational, institutional, business, community or other environments related to the professional field of each career, public or private, national or international. Pre-professional practices can be carried out throughout career training, whether continuous or not; through plans, programmes and/or pro- These practices must be consistent with the learning outcomes and the discharge profile of the courses and programmes; and they can be registered and evaluated according to the mechanisms and requirements established by the university. These practices do not generate any link or obligation to work. This subject aims to coordinate and articulate the activities necessary for the good performance of the students of the Engineering Career. Industrial in its pre-professional practices. It contributes to the discharge profile: • It selects the best methods, processes, procedures, in an integral way for the well-being of the human factor, based on the legal regulations in force in the country. • It proposes alternatives to solve problems, by using information from indicators of production management. • It integrates the regulations related to occupational safety and health, environment and labor legislation with the procedures and the well-being to generate a favorable working environment for the human factor. As well as the RDA'S ABET: RA2. Design: Applies engineering design to produce solutions that meet specific needs taking into account public health, safety and well-being. RA3. Communication: Communicates professional topics to a range of audiences with effectiveness. RA4. Ethics and responsibility. RA5. Teamwork. RA7. Autonomous learning.
- b. Prerequisites:
 - INDU-00007 QUALITY MANAGEMENT

4. Learning Objectives of the Course

- a. General objective: To apply in a working environment the theoretical
 - practical knowledge acquired during the training of the students of Industrial Engineering up to the sixth level.
 - To apply in a working environment the theoretical
 - practical knowledge acquired during the training of the students of Industrial Engineering up to the ninth level.
 - To identify the spaces in which Industrial Engineering can be applied within the scope of work of production or services. 2. To execute the planif activities
 - SOCIALIZING KNOWLEDGE AND RESULTS REACHED DURING YOUR PRE
 - PROFESSIONAL PRACTICE.
- b. Learning Outcomes
 - Rda4. recommends the best procedure for optimising a production system.
 - Rda3.integrates occupational safety and health regulations, environment and labour legislation with procedures and property to create a work-friendly environment for the human factor.
 - Rda6. it identifies the impacts that project implementation would generate.
 - Rda2.proposes alternatives to problem solving, using information from production management

indicators.

- Rda5. identify the development problem where an intervention project will arise.
- Rda1. selects the best methods, processes, procedures, in a comprehensive way for the well-being of the human factor, based on the legal regulations in force in the country.

5. Course Topics

- Planning of activities to be executed
- Implementation of pre-professional practice activities 1. to perform the mandated activities in the most appropriate way. 2. to keep a daily record of the activities carried out.
- Follow-up to pre-professional practices 1. inform the tutor of the development of pre-professional practices.
- Finalization of pre-professional practices 1. prepare a detailed report of the activities carried out in pre-professional practices. 2.