

Course Syllabus

PROJECT MANAGEMENT IN TELECOMMUNICATIONS

Printed by: jfmoncay

Program: Telecommunications Engineering

1. Course number and name

ADMG1002 - PROJECT MANAGEMENT IN TELECOMMUNICATIONS

2. Credits and contact hours

2 credits and 2 contact hours

3. Instructor's course or coordinator's name

JORGE ANDRES BRITO COLLANTES

4. Text book, title, author, and year

- PMI. La guía de los fundamentos para la dirección de proyectos (6)
 - a. Other supplemental materials
- Desmond, Celia. Project Management for Telecommunications Managers (Cuarta)

5. Specific course information

- a. Brief description of the content of the course (catalog description)

The course introduces the necessary tools for planning, execution and control of the project through management plans that will serve to establish the base line of scope, time and cost. In addition, technical performance indicators are used to assess compliance with organizational requirements and quality standards for short and long distance services in telecommunications infrastructures, considering the regulations established by the control agencies, both local and international.

- b. Prerequisites

REGULATORY FRAMEWORK FOR TELECOMMUNICATIONS - JURG1001

- c. This course is: Required

6. Specific goals for the course

- a. Specific outcomes of instruction

1.- To identify the possible gaps that exist in the organization through management tools that allow a better performance of the available resources.

2.- To design proposals through tools for project management that cover the greatest number of existing needs in the organization.

3.- To propose the most optimal project design based on national and international standards for the optimization of project performance based on metrics such as scope, time and cost.

b. Explicitly indicate which of the student outcomes listed in Criterion 3 or any other outcomes are addressed by the course

- An ability to function on multidisciplinary teams
- A recognition of the need for entrepreneurship and the abilities to become an



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entrepreneur

7. Brief list of topics to be covered

- 1.- Introduction to the telecommunications industry.
- 2.- Restrictions and limitations of a project.
- 3.- Project management in telecommunications.
- 4.- Project proposal development.
- 5.- Execution of a telecommunications project.