



COURSE: : Management of the Building Site

ACADEMIC YEAR: 2018-2019

TYPE OF EDUCATIONAL ACTIVITY: Free choice

TEACHER: eng. Mauro De Luca Picione

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web:

phone: 3389845312

mobile (optional):

Language: italian

ECTS: 9

n. of hours: 120 (60 lessons
e 60 practice)

Campus: Potenza
School of engineering

Semester: annual

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES

The student must demonstrate the knowledge to understand the problems related to the design and management of the construction phases, in terms of prevention and safety of employees. The student must be able independently evaluate the production processes on site and choose the most suitable solutions according to criteria of safety and efficiency.

PRE-REQUIREMENTS

SYLLABUS

Building site management - Safety and Health at construction sites. The course program includes the contents indicated in the Presidential Decree 81-2008. The program is divided into four modules, the legal module; the technical module; the organizational module and the practical module. The program contains topics concerning the Project Management and the Construction Management, the planning of the activities in the site, the analysis of the resources; the health and Safety on construction site. The course is B.I.M. oriented, it contains the basic knowledge will be provided for the use of modeling software on B.I.M. to allow the use of the same tools in the development of the exercise of the year.

TEACHING METHODS

Theoretical lessons, Project works,

EVALUATION METHODS

Written examination, Discussion of a project work, Oral examination,

TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL

Mariano Bruno, *Cantieri modi e strumenti di gestione e organizzazione*, Legislazione Tecnica Editore Srl, 2011, M.L. Trani. *Organizzazione del cantiere*. Libreria Clup. Milano, 2003. - G. Rigamonti. *La gestione dei processi di intervento edilizio*. UTET. Torino, 2001. C. Molinari. *Procedimenti e metodi della manutenzione edilizia*. Sistemi editoriali SE. Napoli, 2002 – G. Semeraro *Il Cantiere Sicuro EPC Libri* 2008 – M. De Luca Picione V. Mottola *Il progetto Dinamico del Cantiere Edile Sole24ore* Milano 2009 - Lecture notes

INTERACTION WITH STUDENTS

At the beginning of the course, the teacher describes the objectives, the program and the methods of verification. During the course will be made available to the students the didactic material in shared folders. The list of students who intend to enroll in the course will be collected, accompanied by name, surname, matriculation number and email address.

Office hours: before and after lessons.



In addition to the weekly reception, the teacher is available at any time for a contact with the students, through e-mail.

EXAMINATION SESSIONS (FORECAST)¹

16/01/2019, 13/03/2019, 26/06/2019, 17/07/2019, 31/07/2019, 18/09/2019, 16/10/2019, 04/12/2017,

SEMINARS BY EXTERNAL EXPERTS YES X NO

FURTHER INFORMATION

The course is B.I.M. oriented, it contains the basic knowledge will be provided for the use of modeling software on B.I.M. to allow the use of the same tools in the development of the exercise of the year

¹ Subject to possible changes: check the web site of the Teacher or the Department/School for updates.