

Course guide

330430 - PROMI - Mining Project Management

Last modified: 07/05/2023

Unit in charge: Manresa School of Engineering
Teaching unit: 750 - EMIT - Department of Mining, Industrial and ICT Engineering.
Degree: BACHELOR'S DEGREE IN MINING ENGINEERING (Syllabus 2016). (Compulsory subject).
Academic year: 2023 **ECTS Credits:** 6.0 **Languages:** Catalan

LECTURER

Coordinating lecturer: Oliveras Mejías, Jordi

Others:

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

1. (ENG) Coneixement de la metodologia, gestió i organització de projectes.
2. (ENG) Aconseguir dominar l'execució i contingut dels projectes del camp de la mineria.
3. (ENG) Capacitat per analitzar, organitzar i desenvolupar.

Transversal:

4. SUSTAINABILITY AND SOCIAL COMMITMENT - Level 3. Taking social, economic and environmental factors into account in the application of solutions. Undertaking projects that tie in with human development and sustainability.
5. TEAMWORK - Level 3. Managing and making work groups effective. Resolving possible conflicts, valuing working with others, assessing the effectiveness of a team and presenting the final results.
6. SELF-DIRECTED LEARNING - Level 3. Applying the knowledge gained in completing a task according to its relevance and importance. Deciding how to carry out a task, the amount of time to be devoted to it and the most suitable information sources.
7. EFFICIENT ORAL AND WRITTEN COMMUNICATION - Level 3. Communicating clearly and efficiently in oral and written presentations. Adapting to audiences and communication aims by using suitable strategies and means.
8. ENTREPRENEURSHIP AND INNOVATION - Level 3. Using knowledge and strategic skills to set up and manage projects. Applying systemic solutions to complex problems. Devising and managing innovation in organizations.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

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STUDY LOAD

Type	Hours	Percentage
Hours medium group	60,0	40.00
Self study	90,0	60.00

Total learning time: 150 h



CONTENTS

title english

Description:

content english

Full-or-part-time: 14h

Theory classes: 5h

Self study : 9h

title english

Description:

content english

Full-or-part-time: 17h

Theory classes: 8h

Self study : 9h

title english

Description:

content english

Full-or-part-time: 18h

Theory classes: 6h

Self study : 12h

title english

Description:

content english

Full-or-part-time: 36h

Theory classes: 16h

Self study : 20h

title english

Description:

content english

Full-or-part-time: 65h

Theory classes: 25h

Self study : 40h



ACTIVITIES

name english

Full-or-part-time: 3h

Theory classes: 2h

Self study: 1h

GRADING SYSTEM

BIBLIOGRAPHY

Basic:

- Microsoft Project 2016. Cornellà de Llobregat, Barcelona: Ediciones ENI, [2016]. ISBN 9782409002854.
- Espanya. Reglamento electrotécnico para baja tensión: RBT: incluye instrucciones técnicas complementarias. Madrid: Paraninfo, DL 2002. ISBN 8428329257.
- Espanya. Ministerio de Industria y Energía. Reglamento general de normas básicas de seguridad minera e instrucciones técnicas complementarias [on line]. Madrid: Centro de Publicaciones. Ministerio de Industria y Energía, DL 1999 [Consultation: 03/12/2021]. Available on: <https://inremin.es/wp-content/uploads/2013/01/RGNBSMreglamentacio%CC%81n-desde-2007-incluidas-ET.pdf>. ISBN 8474749379.
- AENOR. UNE 21166:1989: Cables para alimentación de bombas sumergidas [on line]. Madrid: AENOR, 1989 [Consultation: 12/11/2020]. Available on: https://portal-aenormas-aenor-com.recursos.biblioteca.upc.edu/aenor/Suscripciones/Personal/pagina_per_sus.asp.
- AENOR. Normas UNE 20460-5-523-2004: Instalaciones eléctricas en edificios. Parte 5: Selección e instalación de los materiales eléctricos. Sección 523: Intensidades admisibles en sistemas de conducción de cables [on line]. Madrid: AENOR, 2004 [Consultation: 12/11/2020]. Available on: https://portal.aenormas.aenor.com/aenor/Suscripciones/Personal/pagina_per_sus.asp.
- AENOR. UNE 1027:1995: Dibujos técnicos. Plegado de planos [on line]. Madrid: AENOR, 1995 [Consultation: 12/11/2020]. Available on: https://portal-aenormas-aenor-com.recursos.biblioteca.upc.edu/aenor/Suscripciones/Personal/pagina_per_sus.asp.

Complementary:

- Fernández Tamames, José. Project 2013. Madrid: Anaya Multimedia, cop. 2013. ISBN 9788441534629.