

330430 - PROMI - Mining Project Management

Coordinating unit: 330 - EPSEM - Manresa School of Engineering
Teaching unit: 750 - EMIT - Department of Mining, Industrial and ICT Engineering
Academic year: 2019
Degree: BACHELOR'S DEGREE IN MINING ENGINEERING (Syllabus 2016). (Teaching unit Compulsory)
ECTS credits: 6 Teaching languages: Catalan

Teaching staff

Coordinator: Oliveras Mejías, Jordi
Others: Cámara Zapata, Eduardo

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.

Learning objectives of the subject



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Study load

Total learning time: 150h	Hours large group:	0h	0.00%
	Hours medium group:	60h	40.00%
	Hours small group:	0h	0.00%
	Guided activities:	0h	0.00%
	Self study:	90h	60.00%

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Content

title english	Learning time: 14h Theory classes: 5h Self study : 9h
Description: content english	
title english	Learning time: 17h Theory classes: 8h Self study : 9h
Description: content english	
title english	Learning time: 18h Theory classes: 6h Self study : 12h
Description: content english	
title english	Learning time: 36h Theory classes: 16h Self study : 20h
Description: content english	
title english	Learning time: 65h Theory classes: 25h Self study : 40h
Description: content english	

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Planning of activities

name english	Hours: 3h Self study: 1h Theory classes: 2h
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Bibliography

Basic:

Espanya. Ministerio de Industria y Energía. Reglamento general de normas básicas de seguridad minera e instrucciones técnicas complementarias. Madrid: Centro de Publicaciones. Ministerio de Industria y Energía, DL 1999. ISBN 8474749379.

Espanya. Reglamento electrotécnico para baja tensión: RBT: incluye instrucciones técnicas complementarias. Madrid: Paraninfo, DL 2002. ISBN 8428329257.

AENOR. UNE 1027:1995: Dibujos técnicos. Plegado de planos [on line]. Madrid: AENOR, 1995 [Consultation: 21/06/2017]. Available on: <https://discovery.upc.edu/iii/encore/record/C__Rb1374799?lang=cat>.

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: 21/06/2017]. Available on: <https://discovery.upc.edu/iii/encore/record/C__Rb1374799?lang=cat>.

AENOR. UNE 21166:1989: Cables para alimentación de bombas sumergidas [on line]. Madrid: AENOR, 1989 [Consultation: 21/06/2017]. Available on: <https://discovery.upc.edu/iii/encore/record/C__Rb1374799?lang=cat>.

Microsoft Project 2016. Cornellà de Llobregat, Barcelona: Ediciones ENI, [2016]. ISBN 9782409002854.

Complementary:

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