Universitat Autònoma de Barcelona

2019/2020

Practicum III

Code: 104693
ECTS Credits: 6

Degree	Type	Year	Semester
2502501 Prevention and Integral Safety and Security	OB	3	1

Contact

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Use of Languages

Principal working language: spanish (spa)
Some groups entirely in English: No
Some groups entirely in Catalan: No
Some groups entirely in Spanish: Yes

Other comments on languages

In case the course is attended by international students, the language of the course will be Spanish

Prerequisites

This subject doesn't have any pre-requierments

Objectives and Contextualisation

- Introduce the general aspects of integral security (PDSI)applied to business coordination in works, public acts and corporate acts.
- Know the specific regulations affecting civil protection, fire protection, risk prevention, business coordination, safety and health on site, data protection law, state, international OHSAS and decrees regulating corporate events-musical , in short everything that controls the confluence of companies and people in the same field of work.
- Deepen in the technical criteria and methodologies of the identification, analysis and assessment of risks specific to the field of industrial and public activities. Develop a draft of the Plan
- Prepare a draft of the Master Plan for comprehensive safety of an activity in application of the regulations in force in Catalonia and of the sectoral regulations specific to Spain.
- Acquire basic knowledge of security management in specific areas.
- Introduce students into risk analysis and integrated management methodologies.

Competences

- Carry out analyses of preventative measures in the area of security.
- Carry out scientific thinking and critical reasoning in matters of preventions and security.
- Efficiently manage human resources.
- Evaluate the technical, social and legal impact of new scientific discoveries and new technological developments.
- Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
- Identify the resources necessary to respond to management needs for prevention and integral security.

- Plan and coordinate the resources of the three large subsystems that interact in questions of security: people, technology and infrastructures.
- Respond to problems applying knowledge to practice.
- Use the capacity for analysis and synthesis to solve problems.
- Work and learn autonomously.

Learning Outcomes

1. Carry out scientific thinking and critical reasoning in matters of preventions and security.
2. Coordinate the resources of the three main subsystems of the prevention and integral security sector: people, technology and infrastructures.
3. Design a project applied to integral security and prevention in an organisation.
4. Design and implement recovery plans following disasters and mechanisms for contingencies.
5. Evaluate the technical, social and legal impact of new scientific discoveries and new technological developments.
6. Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
7. Identify the infrastructure, technology and resources necessary to respond to operations in prevention and integral security.
8. Respond to problems applying knowledge to practice.
9. Select the minimum resources for efficient risk management.
10. Use the capacity for analysis and synthesis to solve problems.
11. Work and learn autonomously.

Content

This subject has a specific manual for it, which has eight teaching units, each of which would cover a temporary space of 2 weeks. Each Teaching Unit will have, in addition to the curriculum included in the Manual, a mandatory reading per module, plus other voluntary readings and documentary activities.

Theme, Content, Introduction to the subject

Didactic Unit 1 Space analysis and risk contextualization. Assess the possibility of performing the event at that location. Check the territory and its access. Analyze the type of event and its detractors. Analyze the environment (neighborhoods, A. of neighbors, radical groups, forums, etc..) Vulnerability of space and environment. Risks present in space. Risks generated in space by the event Analysis of access to space and feasibility of use.

Didactic Unit 2 Analysis of the risk map space. Assess the affectation of anthropic risks. Assess the affectation of technological risks. Develop preventive measures according to the risks identified and considered to affect. Evaluation exercise of the Teaching Unit 1-2

Didactic Unit 3 Identification and assessment of space risks. Identify risks by zone and/or Activity Choose a method of risk assessment Assess the risk by zone and/or activity Propose preventive measures for each zone and/or activity This shall apply to all types of risks identified, Anthropic, Technological, Labour, Mobility, etc…

Didactic Unit 4 Identification and assessment of Mobility Needs Identify access to the space Identify bus lines to the space Identify lines and subway access to the space Identify parking areas < 500m to the space Identify Parking < 500m to the space Possibility to negotiate extension of transport schedules Valuation of the request of occupation public road for loading/unloading and parking VIP Valuation accessibility emergency equipment Exercises Evaluation Unit didactic 3-4

Didactic Unit 5 Identification and assessment of administrative needs with local and regional authorities Find out the requirements of normative compliance for the event Location of plans in PDF or AutoCAD at zone or area scale. Get copy of Project Extra Activity License. If it is a building or local get copied to the emergency plan. If there is no emergency plan value make memory security or PAU Check or make the list of responsible and tel. mobile. Find out if there is a project Ing. Contact the PRL Coordinator If there is no project ing. Design the event's PRL prevention plan Create the PRL coordination file for company data Valuation of uniformed

security personnel Valuation of access control personnel , Valuation of health personnel Exercises evaluation Teaching unit 5-6

Didactic Unit 6 Obtaining Documents Project License Activity Obtain Emergency Plan Perform Safety Memory Perform lopd Implementation Work Risk Coordination Plan Obtain workplace risks if it is a building or facility. Based on the data obtained from the event carry out our own risk assessment. Based on each of the activities identified in the event: Identify risks and Assess risks. Develop preventive measures according to the risks present by activity.

Didactic Unit 7 Protection and security Resource coordination Identify data quality. Assess which data we should have from workers for coordination Register a file or those necessary in the AEPD Data Protection Agency Valuation of uniformed security personnel Valuation of access control personnel Valuation Staff of safety assistants Valuation of health personnel Exercise in group evaluation Teaching unit 7

Didactic Unit 8 Design of a Comprehensive Safety Master Plan PDSI Analysis of the event or activity Determine the necessary documents Determine the necessary information Determine the scope of PDSI

Methodology

Bearing in mind that the class modality is classical, with the aim of achieving the learning objectives described in this Guide we will develop a methodology that combines the individual study from the Manual, the training sessions and the readings that will be raised on each topic, in addition to some documentaries.

The doubts that the students have will be resolved by the mail addressed to the teacher of the subject. We will also be working on case studies on PDSI disputes, where we will analyse the issues and their implications for the PDSI management system.

It should be noted that due to the model the students will have to prepare the materials independently (documents, readings, videos etc.…) and the forums and sessions in person will be dedicated to deepening on the topics discussed as well as to resolving possible doubts

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Directed, will be those activities that the student carries out tutored by the teacher as they are exercises and lessons of program	6	0.24	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5
Type: Supervised			
Supervised, will be those activities in which the student performs PEC1(in team) i PEC2 (individual)) scores, plus final exam	24	0.96	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5
Type: Autonomous			
Autonomus, will be those activities that the student performs autonomously from home with the means and/or materials of the subject	120	4.8	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5

Assessment

In order to be able to take the final examination of the subject, it is necessary to have presented the works that the teacher puts both individual and collective.

REEVALUATION If the work/exercises are not carried out, it would be transferred to REEVALUATION.

In order to participate in the recovery of pupils, it must have been previously evaluated in a set of activities, the weight of which is equivalent to at least two thirds of the total qualification of the subject. However, the qualification that will be recorded in the student's file is a maximum of 5-Approved

Plagiarism Without prejudice to any other disciplinary measures deemed appropriate, and in accordance with the academic regulations in force, irregularities committed by a student which may lead to a change in the rating shall be rated as zero (0). For example, plagiarizing, copying, copying..., an evaluation activity, will mean suspending this evaluation activity with a zero (0). Assessment activities thus and by this procedure shall not be recoverable.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Final Examination	40%	0	0	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5
Pec 1 in Team	30%	0	0	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5
Pec 2 insolitary	30%	0	0	2, 1, 4, 3, 8, 6, 7, 9, 11, 10, 5

Bibliography

CTE - Codi Tècnic de la Edificació

http://www.codigotecnico.org/web/

REBT

http://www.boe.es/buscar/doc.php?coleccion=iberlex&id=2002/18099

RSCIEI

www.boe.es/boe/dias/2004/12/17/pdfs/A41194-41255.pdf

RIPCI

www.boe.es/boe/dias/1993/12/14/pdfs/A35159-35168.pdf

RD 862/2009

http://www.boe.es/buscar/doc.php?id=BOE-A-2009-9043

AENOR

http://www.aenor.es/aenor/certificacion/seguridad/seguridad_ohsas.asp#.V40ejDX77K0

DECRET 30/2015

www.diba.cat/...Decret+30_2015.../

DECRET 112/2010

http://dogc.gencat.cat/ca/pdogc_canals_interns/pdogc_resultats_fitxa/?documentId=540841&language=ca_ES&a

REAL DECRETO 171/2004

www.conectapyme.com/gabinete/publicaciones/manual_RD_171-2004.pdf

LLEI 30/1995

www.insht.es/InshtWeb/Contenidos/.../PDFs/leydeprevencionderiesgoslaborales.pdf

REAL DECRETO 604/2006

www.insht.es/.../realdecreto6042006de19demayoporelquesemodificanelrea.pdf

REAL DECRETO 486/1997

www.unimat.es/upload/20071212162650.rd_486-1997.pdf

REAL DECRETO 1627/1997

www.unimat.es/upload/20071212162715.rd_1627-1997.pdf

Reglamento UE 2016/679 del parlamemto Europeo y del consejo GDPR

1ª Publicación Protocolo, Comunicación y Seguridad en Eventos: posibles amenazas

Autor: Sánchez O.G. Edtorial Icono 14 .Barcelona:2016

Manual. vigilantes de seguridad en eventos deportivos y espectáculos públicos

Editorial: EDITORIAL CEP .2014 ISBN: 978-84-681-5457-2