

Course: Corporate Risks and Security			Course designation: KMS103
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
1	3 + 1 + 1	75	7

Course objective:
Acquisition of knowledge needed to understand risks present in contemporary corporations. Acquisition of knowledge and skills for risk assessment and management, as well as for the development and improvement of the operational safety system.

Course contents:
 (1) Corporation: types of corporations. Security aspects of corporations and business environment. Corporate management.
 (2) Corporate risks and security. Risk models. Corporate risks. Controlled, partially controlled and risks beyond corporate control. Relationship between risks and security.
 (3) Organization of corporate security: security philosophies, tasks of security system and its organization. Models for the organization of operational safety system.
 (4) Corporate security management: security policies, verification of security systems (reports, procedures, regulations and standards). Modern tools of security system management. Planning security development. Strategies and methods of risk management. Quantitative methods of risk management.

Course: Disaster Management in the EU			Course designation: KMS111
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
1	2 + 1 + 1	60	6

Course objective:
Acquiring knowledge necessary to understand and know the system of disaster management in the EU in order to establish efficient cooperation with the domestic system of protection and rescue.

Course contents:

- Concept of crisis (disaster) in EU: conceptual and methodological aspects
- Identification of crises according to UN and European safety strategy
- Crisis management in the European Union.
- Institutions of crisis management in the EU and their scope of activities
 - EU civil protection mechanism
- Cross-border disasters and support by the host country
- Models of cooperation in solving cross-border disasters and examples of good practices

Course: Modern Threats and Security			Course designation: KMS101
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
1	2 + 0 + 2	60	6

Course objective:
Acquiring knowledge necessary to understand modern threats and methods of protection. The course will enable students to understand the nature, reach and consequences threatening modern society from an array of contemporary threats, as well as the methodology used to counteract them and eliminate consequences. The students will be able to work independently, research individual aspects of threatening processes and perform individual analysis and presentation of problematic content related to modern threats and security.

Course contents:

- Basic concepts of national security
- Relationship between national and international security
- Instruments of protection of international security
- International relationships and collective security
- Contemporary geostrategic and geopolitical relations
- Prospects of development of the system of national and international security
- National security of the Republic of Croatia

Course: Design of Exercises for Crisis Situations			Course designation: KMS112
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
1	2 + 2 + 1	75	6

Course objective:
Introduce students to the importance of planning and conducting crisis exercises for the employees of the civil protection system stakeholders, as well as training to create exercise studies. Training students to create documents – components of exercise studies for crisis situations.

Course contents:

1. Concept and importance of the methodology of designing crisis exercises.
2. Types, goals and content of crisis exercises.
3. Exercise studies, national and international nomenclature (EU, NATO).



4. Organization of a crisis exercise, as well as exercise study completion.
 5. Conducting an exercise.
 6. Exercise analysis.

Course: Information Systems of Crisis Management			Course designation: KMS501
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
1	2 + 1 + 1	60	5
Course objective:			
<p>Qualify students to understand and participate in the analysis of the current and required data and information needed by the crisis management. Learn and through exercises master the application of contemporary methods for the development (design) of information systems that will make it possible for the crisis management to manage and make decisions in all phases of crisis situations (events). Assess the readiness of an organization for the development of IS by using extended SWOT analysis. Define a systematic view of an organization and determine the place of its IS within the genetic IS definition. Analyze the structure of the crisis management organization and define standard operating procedures by using finite automata. Introduce students to some of the extant IS relevant for crisis management.</p>			
Course contents:			
<p>1. General overview of IS, the relationship between the organizational and information system 2. Basic postulates in creating crisis management information systems 3. Genetic definition and complexity assessment for IS 4. Readiness assessment of a crisis management organization for the development of a unique IS 5. Finite automata and the structure of a crisis management organization 6. Scenarios and standard operating procedures as processes in crisis management organizations</p>			

Course: Disaster Assessment			Course designation: KMS210
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
2	1 + 2 + 1	60	6
Course objective:			
<p>Acquiring knowledge about the principles and methodology of collecting and analyzing information, procedures for the preparation of efficient and fast assessment as well as the processes that are performed while collecting relevant information about the needs and priorities immediately after big accidents and disasters.</p>			
Course contents:			
<p>Introduction to the subject field, concepts and methods for the assessment of large-scale accidents and disasters. Types and principles of assessment for various emergencies and situations. Assessment as an important tool for decision-making. Preparation for rapid and efficient assessment of disasters. Sector assessment of disasters. Information management. Reporting after the performed assessment of large-scale accidents and disasters. Methodology of international organizations (UN, IFRC, NATO, EU) for the assessment of disasters. Damage assessment in the Republic of Croatia. Practical examples and analyses of assessment for large-scale accidents and disasters.</p>			

Course: Critical Infrastructure Management			Course designation: KMS211
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
2	2 + 1 + 1	60	7
Course objective:			
<p>Make the students familiar with the processes that threaten the critical infrastructure, and methods of integral approach to development, management, usage and protection of critical infrastructure and systems, and make them qualified to identify and overcome problems in managing the critical infrastructure and systems.</p>			
Course contents:			
<p>Concept and theoretical definition of interdependence. Critical infrastructures – definitions, main characteristics of critical infrastructures, types of interdependence, analytical models, examples of interdependence. Models for risk assessment and risk management. Definitions of risk, assessment and management, methods and techniques, risk models, security risks, an example of assessment, case study. Critical infrastructure protection. Philosophy of security, operational and physical security, risk assessment and management, protection and resilience of critical infrastructure, inter-sectoral criteria, vision and strategy of managing critical infrastructure. Fundamentals of managing critical infrastructure. Systems and management levels for critical infrastructure. Ensuring the requirements and continuous operation of critical infrastructure. Levels of managing systems, networks and facilities of critical infrastructure. Responsibility of the owners/managers for managing critical infrastructure. Security policy for managing critical infrastructure (the course is performed on a selected sectoral case based on the risk analysis for the operation of a critical infrastructure).</p>			

Course: Crisis Management in Healthcare			Course designation: KMS505
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
3	2 + 1 + 1	60	5
Course objective:			
<p>Acquiring knowledge and skills necessary to understand and efficiently manage the crisis situations of the medical system and</p>			



medical organizations (public and private)
Course contents: 1. Healthcare system (concept, purpose, organization) 2. Healthcare institution as an organization - concept, meaning, authority, legal regulations 3. Basic prerequisites for the engagement and participation of healthcare employees in the operation of medical institutions 4. Risks and crises that can occur at medical institutions 5. Activities of healthcare in crises (disasters, emergencies) 6. Crisis planning at medical institutions 7. Case study

Course: Psychological Aspects of Crisis Management			Course designation: KMS310
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
3	2 + 1 + 0	45	6

Course objective:
 The objective of the subject is to introduce the students to psychological aspects of various crises, and in which areas of crisis management the psychologists can contribute to the efficient prevention/mitigation/solving of the crises. In addition, psychology with the elements of social and natural sciences has developed various scientific methods, so it is precisely the psychological examples that can induct students into the principles of scientific work. Those principles can be applied very well to the field of crisis management, as well as to the transfer of this knowledge to practical issues.

Course contents:		
1. Basic tenets of scientific research in the field of technical, social and natural sciences 2. Basic structures of personality, cognitive, motivational and emotional processes 3. Psychology of marketing, preparation of powerpoint presentations 4. Communication skills and the principles of successful negotiations 5. Prevention and resolution of conflicts 6. Types of crises from a psychological standpoint 7. Characteristics of successful leaders and leadership in crisis situations 8. Specificities of childhood and advanced age in crisis situations 9. Assembling and principles of functioning of interdisciplinary teams 10. Psychological aspects of natural disasters 11. Psychological aspects of technological disasters 12. Stress and ways of dealing with stress 13. Trauma and recovery from trauma 14. Psychological help during and after a crisis 15. Crisis aspects of serial crime (serial murders, mass murders, arson, vandalism, football hooliganism)		

Course: Methods of Crisis Research and Management			Course designation: KMS410
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
4	1 + 2 + 5	120	9

Course objective:
 Train students, on the basis of acquired theoretical knowledge and skills through completed and passed subjects of the specialist study, for independent identification and analysis of condition, proposal and selection of alternative solution as well as completing of the accompanying documentation for the preparation and action in solving certain crisis for concrete selected case. Students will be trained to perform individual selection of a research subject and scientific-professional approach to research procedures, with a tendency to use the selected subject, entity or crisis situation as a template for their diploma thesis.

Course contents:		
The subject is realised on a selected case, according to the student's choice in agreement with the mentor, from the following areas: Airport, Seaport, Sport (multimedia) centre, Firefighting division, Economic organization (of their own choice), Government institution (of their own choice), Town (of their own choice), School institution (of their own choice). Concrete data about the case are based on real data of the observed subject. The subject is carried out through the following phases: - Defining of the case and starting parameters of the selected subject - Determining of the risk matrix of the possible crises - Methodological procedures for case solution - Case analysis - Proposal of solution versions with explanation of reasons and conditions of realization - Completing the documentation - Defence of the solution		

Course: Information Security			Course designation: KMS504
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
2	2 + 1 + 1	60	5

Course objective:
 The objective of the subject is to educate the students to recognize and reduce the critical safety risks and orient the efforts to



preserve the safety and security of the data either saved on a paper, electronically or in the mind of the employees. Formation of information security policies and planning of the information security management as well as business continuity.

Course contents:

1. Notion, role and significance of information in the contemporary society.
2. Information security requirements.
3. Legal regulations in the field of information security, differences between the state and the private sector.
4. International standards in the field of information security management system.
5. Certification and accreditation concepts.
6. Planning of the information security management system - Objective of a phase of ISMS planning, determining the scope of ISMS, policy of information system security with the obligation and support of the management, risk assessment, determination of system characteristics and basic risk assessment, evaluation of critical resources, selection and evaluation of vulnerability, selection and assessment of threats, risk assessment, risk management i.e. risk reduction. Final reports.
7. Design and operation of ISMS - Preparing the risk treatment plan, ISMS management, Documentation and records management, Stipulation of necessary documentation for ISMS, List and documenting of approaches and procedures of performing evaluation and management of risks, Incident management.
8. Planning of business continuity - Launching of a project and basic risk analysis, Analysis of impact on the business, Strategy of planning business continuity, Development of the basis for the business continuity plan, Testing of continuous business plan

Course: Contemporary Challenges of Crisis Management			Course designation: KMS311
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
3	2 + 1 + 1	60	7

Course objective:

Acquiring knowledge on structure and forms of contemporary threats and their solving through the crisis management system. Enabling students to understand the nature, reach and consequences threatening modern society from an array of contemporary threats, as well as the methodology used to counteract them and eliminate consequences. The students will be able to work independently, research individual aspects of threatening processes and perform individual analysis and presentation of problematic content related to modern threats and security.

Course contents:

1. Wars and war conflicts as a form of threat: historical development of wars, characteristics of contemporary wars and forms of threats for civil population, local and regional conflicts, hybrid warfare.
2. Asymmetric threats and terrorism: definition of the concept, scope of action, historical development.
3. Technical and technological and natural threats to contemporary civilisation.
4. Financial and economic crises and organized crime.
5. Structures of crisis management: crisis management institutions, authority, specific obligations in planning, interrelation of planning actors, responsibility in implementation.
6. Specific characteristics of management and leading in crisis situations: corporate crisis management, risk management, structure of disaster management.
7. Role of non-governmental organisations in the crisis management structure.
8. Specific characteristics of crisis management education.

Course: Crisis Management and the Public			Course designation: KMS508
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
2	2 + 1 + 1	60	6

Course objective:

The objective of the syllabus is for the students to acquire basic knowledge in the field of crisis communication with the focus on risk and crisis communication, as well as to acquire the basic skills, and to be able to use the insight in the present status of theory and comparative best practice in order to be able to successfully organize and realize risk and crises communication in public and private sector.

Course contents:

- the concept of communication and basic elements of communication process, types of communication, conditions for efficient communication and most frequent errors in communication,
- concept and types of mass media with their basic characteristics, mass media theory and their role in social design of reality,
- basic phases, principles of efficient crisis communication,
- risk and crises communication as concepts, significance of efficient risk and crises communication, historical development and trends of risk and crises communication,
- theories of crisis communication, strategy of crisis communication, crisis communication plan,
- crisis generators, rumours, sensational press reporting, internet crises,
- specific case study

Course: Crisis Management and the Public			Course designation: KMS508
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
2	2 + 1 + 1	60	6

Course objective:

The objective of the syllabus is for the students to acquire basic knowledge in the field of crisis communication with the focus on



risk and crisis communication, as well as to acquire the basic skills, and to be able to use the insight in the present status of theory and comparative best practice in order to be able to successfully organize and realize risk and crises communication in public and private sector.

Course contents:

- the concept of communication and basic elements of communication process, types of communication, conditions for efficient communication and most frequent errors in communication,
- concept and types of mass media with their basic characteristics, mass media theory and their role in social design of reality,
- basic phases, principles of efficient crisis communication,
- risk and crises communication as concepts, significance of efficient risk and crises communication, historical development and trends of risk and crises communication,
- theories of crisis communication, strategy of crisis communication, crisis communication plan,
- crisis generators, rumours, sensational press reporting, internet crises,
- specific case study

Course: Crisis Management of Administration			Course designation: KMS113
Semester:	Lectures + exercises + seminar:	Total:	ECTS credits:
1	2 + 1 + 1	60	5

Course objective:

Acquiring knowledge about normative frameworks and methods of operation of government administration organisations, especially in crises, development of the competencies of understanding the causes of internal crises in government administration organizations and methods of organization and operation of government administration bodies and organizations in crisis environment.

Course contents:

- Bodies of government administration; concept, levels of organization, authority, legal regulations
- risks and crises that can occur in the government administration bodies: differences in relation to the levels of organization and as consequence of external influences
- government administration bodies and crisis planning
- planning documents of government administration bodies: legal regulations, field of arrangement, handling responsibility
- management of crises and crisis management
- case study – activities of state administration bodies if disasters or large-scale accidents have been declared