

Credit by Examination/Portfolio (Challenge Credit)

To submit for challenge credit, please email emsa@uvu.edu and cc the faculty contact to request an examination/portfolio review.

Course	Course Description	Student Requirements for Challenge	Faculty Contact	Credit
ESFO 1100: Fire Behavior and Combustion	Explores the theories and fundamentals of how and why fires start, spread, and how they are controlled. Addresses the fire problem in America, the background of research, and how to approach the study of fire. Provides an overview of various flames, smoldering, and spontaneous combustion.	Undergraduate College Course Transcript Leadership Equivalent	gary.noll@uvu.edu	3
ESFO 1110: Fire Prevention	Provides fundamental information regarding the history and philosophy of fire prevention. Introduces the organization and operation of a fire prevention bureau. Covers the use of fire codes, identification, and correction of fire hazards. Discusses the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education.	Undergraduate College Course Transcript Leadership Equivalent	gary.noll@uvu.edu	3
ESFO 1350: Fire Protection Hydraulics and Water Supply	Introduces basic mathematical operations, including fractions, decimals, percentages, measurements, statistics, graphs, formulas, and equations. Completers should be able to apply mathematical skills in solving basic fire service hydraulics and water supply problems.	(A) Undergraduate College Course Transcript Leadership Equivalent, (B) Current IFSAC/ProBoard/California State Fire Marshal/Florida BFST Certified Driver Operator (i.e., Pumper, Aerial, ARFF, Tender, Tiller)	gary.noll@uvu.edu	3
ESFO 2400: Fire Officer Work Experience	Provides an opportunity for students to complete the Fire Officer II workplace performance requirements of NFPA 1021, Standard for Fire Officer Professional Qualifications. Under the supervision of an experienced fire officer, requires meeting performance objectives in areas of human resource management, community relations, governmental relations, inspection procedures, investigation procedures, emergency service operations, emergency services planning, and personnel safety procedures, through a non-paid work experience.	Significant experience as a professional fire officer (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, EMS Director, etc.).	gary.noll@uvu.edu	3
ESMG 3300: Emergency and Disaster Planning	Prepares students for developing long-range plans, given current organization status and local resources, emphasizing the attainment of both organizational, and community needs. Teaches planning for growth and for major disasters. Integrates resources and budgets while mitigating the impacts on a community. Develops and evaluates projected training requirements.	(A) Undergraduate 3000-4000 Level EM Planning College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >= O5, etc.	mittelma@uvu.edu and chrisl@uvu.edu	3

<p>ESMG 3400: Critical Infrastructure Protection</p>	<p>Introduces critical infrastructure and key resources (CI/KR) and explores the interdependencies between government and private industry in sustaining and protecting critical infrastructure. Provides an overview of the elements and processes to develop and sustain successful critical infrastructure partnerships and to protect critical infrastructure and key resources.</p>	<p>(A) Undergraduate 3000-4000 Level CIP College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >= O5, etc..</p>	<p>john.fisher@uvu.edu</p>	<p>3</p>
<p>ESMG 3710: Comparative Approaches to Homeland Security</p>	<p>Discusses shared terrorism threats as well as policies and strategies employed by a range of democratic countries to cope with terrorism and other homeland security-related threats. Examines issue areas such as bio-threats, health system preparedness, airport security, and anti-radicalization policies across several countries. Reviews the practices of other countries and translates those practices into policies applicable in the United States. Prepares students to engage with their international partners at the local, state, or federal levels as Homeland Security becomes an increasingly global undertaking requiring greater international outreach.</p>	<p>(A) Undergraduate 3000-4000 Level NSA/HS College Course Transcript, (B) 8 years professional experience in an international homeland security/CBRNE/NSS/antiterrorism/counterterrorism role (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >= O5, etc.).</p>	<p>david.mcentire@uvu.edu</p>	<p>3</p>
<p>ESMG 4000: Advanced Emergency Services Leadership</p>	<p>Explores advanced leadership topics as they relate to the first responder. Discusses leadership theories used in both emergency and non-emergency environments and develops skills necessary to lead small and large organizations under the unique atmosphere of time, pressure, and consequence. Provides an understanding of the role an emergency services leader plays in a paramilitary environment.</p>	<p>Undergraduate 3000-4000 Level College Leadership Course Transcript, (B) 10 years professional experience at the executive leadership level of an emergency services organization (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, EMS Director, etc.).</p>	<p>gary.noll@uvu.edu</p>	<p>3</p>
<p>ESMG 4150: Humanitarian Services and Disaster Relief</p>	<p>Examines both theoretical and applied aspects of complex humanitarian emergencies and reviews disasters in the context of humanitarian relief. Explores the needs of displaced persons and the systems and practices currently in place to meet these needs. Reviews the principles of preparedness, resilience, and sustainability in terms of short-term response to disasters and long-term community recovery.</p>	<p>(A) Undergraduate 3000-4000 Level Humanitarian/International College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >= O5, etc.).</p>	<p>john.fisher@uvu.edu</p>	<p>3</p>
<p>ESMG 4200: Public Information and Disasters</p>	<p>Prepares emergency services students to respond effectively to public information needs in both day-to-day emergency circumstances as well as in more extreme disaster conditions. Explores the theory and develops skills to effectively respond in crisis situations. Presents case studies in crisis response that demonstrate how information can help the public prepare, respond, and recover from disasters.</p>	<p>(A) Undergraduate 3000-4000 Level PIO/COMM College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >= O5, etc.).</p>	<p>john.fisher@uvu.edu</p>	<p>3</p>

<p>ESMG 425G: Humanitarian Management and Operations</p>	<p>Deals with the operations side of humanitarian action. Establishes principles that can be used in local, national, and international relief efforts. Applies best practices from emergency management to the field of humanitarian services and disaster relief. Meets the global and international requirements to foster a greater understanding of, interaction with, and appreciation for, cultures that reflect the diversity present within the local and campus communities, up to the larger state and global context.</p>	<p>(A) Undergraduate 3000-4000 Level Humanitarian/International College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >= O5, etc.).</p>	<p>john.fisher@uvu.edu</p>	<p>3</p>
<p>ESMG 4300: Disaster Recovery and Hazard Mitigation</p>	<p>Explores disaster recovery operations and hazard mitigation activities, including an emphasis on key participants in these important, but neglected phases of emergency management. Addresses numerous functions including damage assessment, disaster declarations, disaster assistance, risk assessments, land-use planning, and structural/non-structural mitigation. Concentrates on the needs of vulnerable populations and has the goal of promoting increased disaster resilience, proactive risk reduction measures and sustainability.</p>	<p>(A) Undergraduate 3000-4000 Level EM-Related College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >= O5, etc.).</p>	<p>david.mcentire@uvu.edu</p>	<p>3</p>
<p>ESMG 4350: Disaster Planning and Business Continuity</p>	<p>Identifies risks facing business operations. Focuses on planning and preparedness for disasters and other emergencies to assure continuity of business operations. Teaches processes that protect facilities, operations, employees, customers, and other stakeholders from the effects of a crisis. Identifies strategies that develop business resilience and protect business systems.</p>	<p>(A) Undergraduate 3000-4000 Level EM Planning College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >= O5, etc.).</p>	<p>john.fisher@uvu.edu</p>	<p>3</p>
<p>ESMG 445G: Human Factors in Emergency Management</p>	<p>Introduces students to an emergency response approach to understanding hazards and disasters grounded in social vulnerability analysis. Examines historical, geographical, social, and cultural factors and conditions that put people differentially at risk before, during, and after disasters. Utilizes a multi-disciplinary approach. Focuses on global, national, regional, and local patterns of development. Explores how vulnerable social groups are affected by and cope with hazardous conditions and events, and strategies for community-based mitigation engaging those most at risk.</p>	<p>(A) Undergraduate 3000-4000 Level Sociology/Human Services College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >= O5, etc.).</p>	<p>broomero@uvu.edu</p>	<p>3</p>
<p>ESMG 4500: Customer Service and Marketing for the Emergency Services</p>	<p>Explores the principles and importance of customer-oriented service delivery within the emergency services. Looks at current practices and delves into emerging needs and solutions for marketing and public relations. Includes research and critical thinking strategies for local, national, and global perspectives on customer service.</p>	<p>Undergraduate 3000-4000 Level Customer Service/Marketing College Course Transcript</p>	<p>mittelma@uvu.edu</p>	<p>3</p>

<p>ESMG 4550: Emergency Preparedness and Disaster Response</p>	<p>Identifies what emergency managers and other key actors in the public, private, and nonprofit sectors do to prepare for emergencies and improve immediate post-disaster operations. Covers the importance of the Emergency Management Accreditation Program, planning, equipping, training, exercises, and community education. Describes the Disaster Response Framework and NIMS along with how first responders and emergency managers may use ICS and EOCs to improve functions such as warning, evacuation, sheltering, firefighting, search and rescue, emergency medical care, mutual aid, public information, donations management, volunteer management, etc.</p>	<p>(A) Undergraduate 3000-4000 Level EM-Related College Course Transcript, (B) 8 years professional experience as an Emergency Manager (required official documentation/identification + signed letter by executive level leadership including Fire Chief, Police Chief, Sheriff, Mayor, City Manager, Governor, military commander >/= O5, etc.).</p>	<p>david.mcentire@uvu.edu</p>	<p>3</p>
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