

Student/Program Learning Outcomes

B.S.-Emergency Services Administration- Emergency Care Emphasis/Emergency Management Emphasis

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| SLO #1 | Theory and content of emergency administration |
| Outcome | Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration. |
| Means of Assessment | Successful completion of all Emergency Services Administration courses. |
| Criteria for Success | Students will receive a "C" grade or better in all courses. |
| Summary/Analysis of Results | Results will be summarized following each semester and made available to faculty. |
| Use of Results | Results will be used to determine where weaknesses exist in the program offerings and where improvement is required. |

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| SLO #2 | Critical thinking skills |
| Outcome | Students use critical and creative thinking, skeptical inquiry, and, when possible, problem solving. |
| Means of Assessment | All courses will emphasize critical and creative thinking, requiring the use of problem solving approaches in assignments. |
| Criteria for Success | Students will receive a "C" grade or better in all courses. Students will successfully complete all assignments, requiring critical thinking and problem solving. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to determine the level of student ability in critical thinking and problem solving and to assess the need for improvement. |

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| SLO #3 | Communication skills |
| Outcome | Students will be able to communicate effectively orally and in writing. |
| Means of Assessment | As part of the capstone course, students will present culminating project which show effectiveness in both oral and written communications. |
| Criteria for Success | Students will receive a "B" grade or better on their final project. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to determine the level of student effectiveness in oral and written communications and the need for improvement. |

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| SLO #4 | Global Awareness |
| Outcome | Students will recognize, understand, and respect the complexity of socio-cultural and international diversity. |
| Means of Assessment | Students will take a global course offered by the Department of Emergency services. Students will participate in internships, service-learning, and group projects that provide opportunities for exposure to socio-cultural and international diversity. |
| Criteria for Success | Students will successfully complete the global awareness class with a "C" grade or better. Faculty will evaluate socio-cultural and international awareness by examining portfolio items, critical reflection and supervisor reports. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to determine the level of student exposure to socio-cultural and international diversity and the need for improvement. |

A.A.S. Emergency Services- Firefighter/Emergency Care Emphasis

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| SLO #1 | Theory and content of emergency care |
| Outcome | Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency care. |
| Means of Assessment | Successful completion of all Emergency Services Administration/emphasis emergency care courses. |
| Criteria for Success | Students will receive a "C" grade or better. Additionally, students meeting Utah Bureau of Emergency Services, and program specific requirements (B grade or higher in emergency care specific courses) may be recommended for certification/testing with State and/or National Associations. |
| Summary/Analysis of Results | Results will be summarized following each semester and made available to faculty. |
| Use of Results | Results will be used to determine where weaknesses exist in the program offerings and where improvement is required. |

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| SLO #2 | Critical thinking skills |
| Outcome | Students use critical and creative thinking, skeptical inquiry, and, when possible, problem solving. |
| Means of Assessment | All courses will emphasize critical and creative thinking, requiring the use of problem solving approaches in assignments. |
| Criteria for Success | Students will receive a "C" grade or better in all courses. Students will successfully complete all assignments, requiring critical thinking and problem solving. Additionally, students meeting Utah Bureau of Emergency Services, and program specific requirements (B grade or higher in |

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| | emergency care specific courses) may be recommended for certification/testing with State and/or National Associations. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to determine the level of student ability in critical thinking and problem solving and to assess the need for improvement. |

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| SLO #3 | Communication skills |
| Outcome | Students will be able to communicate effectively orally and in writing. |
| Means of Assessment | As part of the capstone course, students will present culminating project which show effectiveness in both oral and written communications. |
| Criteria for Success | Students will receive a "B" grade or better on their final project. Additionally, students meeting Utah Bureau of Emergency Services, and program specific requirements (B grade or higher in emergency care specific courses) may be recommended for certification/testing with State and/or National Associations. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to determine the level of student effectiveness in oral and written communications and the need for improvement. |

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| SLO #4 | Global Awareness |
| Outcome | Students will recognize, understand, and respect the complexity of socio-cultural and international diversity. |
| Means of Assessment | Students will take a global course offered by the Department of Emergency services. Students will participate in internships, service-learning, and group projects that provide opportunities for exposure to socio-cultural and international diversity. |
| Criteria for Success | Students will successfully complete the global awareness class with a "C" grade or better. Faculty will evaluate socio-cultural and international awareness by examining portfolio items, critical reflection and supervisor reports. Additionally, students meeting Utah Bureau of Emergency Services, and program specific requirements (B grade or higher in emergency care specific courses) may be recommended for certification/testing with State and/or National Associations. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to determine the level of student exposure to socio-cultural and international diversity and the need for improvement. |

A.A.S. – Emergency Services- Fire Officer, Emergency Care, Aviation Fire Officer

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| SLO #1 | Practical Knowledge |
| Outcome | Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their areas of study. |
| Means of Assessment | Successful completion of the coursework in areas of study. |
| Criteria for Success | Students will receive a "C" grade or better in all courses. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of results | Results will be used to determine where weaknesses exist in the program offerings and where improvement is required. |

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| SLO #2 | State or National Exams |
| Outcome | Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their areas of study. |
| Means of Assessment | Upon successful completion of the programs of study, students will take the state or national exams (where offered). |
| Criteria for Success | Students will pass the state or national exams with a score of 80% or better. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to determine where weaknesses exist in the program offerings and where improvement is required. |

A.A.S. – Wildland Firefighter

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| SLO #1 | Practical Knowledge |
| Outcome | Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their areas of study. |
| Means of Assessment | Successful completion of the coursework in areas of study. |
| Criteria for Success | Students will receive a "C" grade or better in all courses. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of results | Results will be used to determine where weaknesses exist in the program offerings and where improvement is required. |

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| SLO #2 | State Exams |
| Outcome | Students will demonstrate knowledge, skills and procedures to perform satisfactorily in their areas of study. |
| Means of Assessment | Upon successful completion of the programs of study, students will take the state wildland firefighter exams. |
| Criteria for Success | Students will pass the state or national exams with a score of 80% or better. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to determine where weaknesses exist in the program offerings and where improvement is required. |

A.S. – Emergency Services

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| SLO #1 | Theory and content of emergency services |
| Outcome | Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in emergency administration. |
| Means of Assessment | Successful completion of all Emergency Services courses. |
| Criteria for Successful | Students will receive a "C" grade or better in all courses. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to determine where weaknesses exist in the program offerings and where improvement is required. |

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| SLO #2 | Continuing education |
| Outcome | Students will pursue a bachelor's degree after completion of associate's degree. |
| Means of Assessment | Survey of students following graduation with associate's degree. |
| Criteria for Successful | 80% or more of students will pursue a bachelor's degree within two years of completing the associate's degree. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to determine level of retention of students and suggest measures for improvement. |

Certificate of Completion – Paramedics

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| SLO#1 | National Registry Exam |
| Means of Assessment | Upon successful completion of the paramedic's program, students will be recommended to take both the written and practical National Registry Exam. |
| Criteria for Success | Students will pass both the written and practical exam with a score of 80% or better. |
| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to measure the learning of students in the paramedic program and suggest areas of improvement. |

Certificate of Completion – Recruit Candidate Academy (RCA)

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| SLO#1 | State Firefighter Exam |
| Means of Assessment | Upon successful completion of the RCA program, students will take the state firefighter exams. |
| Criteria for Success | Students will pass the state firefighter exams with a score of 80% or better. (The state requirement is 70% to pass the exams.) |

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| Summary/Analysis of Results | Results will be summarized following each semester and reported to the faculty. |
| Use of Results | Results will be used to measure the learning of students in the firefighter program and suggest areas of improvement. |