<table>
<thead>
<tr>
<th>Sponsor Name:</th>
<th>Embry-Riddle Aeronautical University</th>
</tr>
</thead>
<tbody>
<tr>
<td>URL:</td>
<td><a href="http://www.erau.edu/">http://www.erau.edu/</a></td>
</tr>
<tr>
<td>Street Address 1:</td>
<td>600 S. Clyde Morris Boulevard</td>
</tr>
<tr>
<td>City:</td>
<td>Daytona Beach</td>
</tr>
<tr>
<td>State_Providence:</td>
<td>Florida</td>
</tr>
<tr>
<td>Zip Code:</td>
<td>32114-3900</td>
</tr>
<tr>
<td>Country:</td>
<td>USA</td>
</tr>
<tr>
<td>Telephone (general):</td>
<td>(800) 522-6787</td>
</tr>
<tr>
<td>Sponsor Notes:</td>
<td>Aviation Safety Certificates</td>
</tr>
<tr>
<td></td>
<td>BS in Safety Science</td>
</tr>
<tr>
<td></td>
<td>Masters in Safety Science</td>
</tr>
<tr>
<td></td>
<td>Remote campus options, numerous campus's</td>
</tr>
</tbody>
</table>
Sponsor Name: University of Washington, College of Engineering

URL: http://www.engr.washington.edu/epp/ssra/

Street Address 1: Engineering Professional Programs
Street address 2: 10303 Meridian Ave N, Suite 301
City: Seattle
State_Providence: Washington
Zip Code: 989133
Country: USA
Telephone (general): (866) 791-1275

Title: Software System Safety Engineering
Length: 5 days
Distance learning: Mobile Classroom
College Credits: 3.2
CSP CEUs: 0

Prerequisites:
Notes:

Title: Safety Management
Length: Text:
Distance learning:
College Credits: CSP CEUs:

Prerequisites:
Notes:

Title: System Safety and Reliability Analysis
Length: 1 Week
Distance learning: Mobile Classroom
College Credits: CSP CEUs:

Prerequisites:
Notes:
System Safety Courseware
Report compiled for use by members of the System Safety Society. The System Safety Society does not guarantee currency of listing information or endorse any of the courses contained herein.

Sponsor Name: University of York
URL: http://www.cs.york.ac.uk/MSc/SCSE
Street Address 1: Heslington
City: York
Country: United Kingdom
Street address 2:
State_Providence: 
Zip Code: Y010 5DD
Telephone (general): 01904-430000
Sponsor Notes: Department of Computer Science
Modular MSc - Diploma - Certificate - Short Courses

Sponsor Name: American Society of Safety Engineers (ASSE)
URL: http://www.ASSE.org
Street Address 1: 1800 E Oakton St
City: Des Plaines
Country: USA
Street address 2:
State_Providence: Illinois
Zip Code: 60018
Telephone (general): 847-699-2929
Sponsor Notes: Numerous workshop, certificate preparation and short courses
System Safety Courseware
Report compiled for use by members of the System Safety Society. The System Safety Society does not guarantee currency of listing information or endorse any of the courses contained herein.

Sponsor Name: University of Wisconsin
URL: http://www.uww.edu/index4.html
Street Address 1: 800 West Main Street
City: Whitewater
State_Providence: Wisconsin
Zip Code: 53190-1790
Country: USA
Telephone (general): (262) 472-1234

Sponsor Notes: Safety Studies
(Master of Science)
The Master of Science (M.S.) Degree in Safety Studies is designed to develop an advanced-level understanding of general and specific issues relevant to occupational, institutional and/or traffic safety environments. Students develop skills in collecting, analyzing, and drawing conclusions from data, and preparing oral and written reports relevant to accident investigations, job safety, health analysis, workers’ compensation analysis, fire protection investigation analysis, workplace ergonomics assessment and hazard investigation.

Title: SFTYGEN 787 - System Safety Analysis
Length: Text:
Distance learning: Mobile Classroom
College Credits: 3 CSP CEUs: 0
Prerequisites: SFTYGEN-688 or consent of instructor
Notes: Introduction to the system technique as applied to the recognition of potential accident situations in occupational environments. Concentration will be on the qualitative aspects of safety, utilizing numerous examples and problems.

Title: SFTYGEN-688 - Ergonomics
Length: Text:
Distance learning: Mobile Classroom
College Credits: 3 CSP CEUs: 0
Prerequisites: Consent of Instructor
Notes: This course is intended to provide the student with basic introductory information concerning human information processing capabilities and limitations. Ergonomic strategies for preventing manual material handling, repetitive motion injury and ergonomic design and evaluation of man-machine systems will be included in the course.

Title: SFTYGEN-788 Advanced Human Factors Engineering
Length: Text:
Distance learning: Mobile Classroom
College Credits: 0 CSP CEUs: 0
Prerequisites: MATH-441/641 (or equivalent statistics), SFTYGEN-488/688 and consent of instructor.
Notes: An in-depth analysis of the human system, and how that system interacts with various machine systems. Current research in the area of human factors will be emphasized, with practical applications for countermeasures being established.
Sponsor Name: University of Southern California

URL: http://www.usc.edu

Street Address 1: Street address 2:
City: Los Angeles State_Providence: California Zip Code: 90033
Country: USA Telephone (general): (323) 442-2000

Sponsor Notes: http://www.usc.edu/dept/publications/cat95/ISSM/2a_Safety_and_Systems_Undergrad.htm
http://www.usc.edu/dept/publications/cat95/ISSM/3a_Safety_and_Systems_Graduate.html

Sponsor Name: SPAN International Training

URL: http://www.spantraining.com

Street Address 1: 4226 Greenbriar Drive Street address 2:
City: Nixa State_Providence: Missouri Zip Code: 65714
Country: USA Telephone (general): (888) 58906757

Sponsor Notes: Formerly known as Las Vegas Work Shops
Certification preparation training

Title: CSP Prep

Length: 3 days Text: Self developed/maintained, 2 volume workbooks
Distance learning: Mobile Classroom
College Credits: 0 CSP CEUs: 0

Prerequisites:

Notes: Generally offered in conjunction with International System Safety Conference.
System Safety Courseware

Report compiled for use by members of the System Safety Society. The System Safety Society does not guarantee currency of listing information or endorse any of the courses contained herein.

Sponsor Name: Society of Automotive Engineers
URL: http://www.sae.org/events/training/
Street Address 1: 400 Commonwealth Drive
City: Warrendale
State_Providence: Pennsylvania
Zip Code: 15096
Country: USA
Telephone (general): 877-606-7323
Sponsor Notes: General courseware offerings, internet, seminar and in-house formats
Headquarters Troy Michigan
Address above is for customer service.

Title: Designing for Safety and Developing Accurate Safety Specifications Seminar #C0254
Length: 2 - days
Text: Creativity: The Art of Doing Right Things Right
Distance learning: Mobile Classroom
College Credits: 1.3
CSP CEUs: 0
Prerequisites: Notes: visit http://www.sae.org/contedu/credits for information about what institutions accept credits

Sponsor Name: Naval Postgraduate School
URL: http://www.nps.edu/
Street Address 1: Public Affairs Office - Code 004
City: Monterey
State_Providence: California
Zip Code: 93943
Country: USA
Telephone (general): 831-656-2023
Sponsor Notes: Limited enrollment Participants must be sponsored by US DOD agency

Title: Weapon Systems and Software Safety
Length: Text:
Distance learning: Mobile Classroom
College Credits: 0
CSP CEUs: 0
Prerequisites: Notes:
Title: Incident investigation

Prerequisites:

Notes:
Sponsor Name: Virginia Tech

URL: http://www.grads.vt.edu/gcat/gcdISE.html

City: Blackburg
State_Providence: Virginia
Zip Code: 24061
Country: USA
Telephone (general): 540-231-6000

Title: 5154: APPLIED HUMAN FACTORS ENGINEERING

Length: Text:

Distance learning: [ ]

Mobile Classroom [ ]

College Credits: 0
CSP CEUs: 0

Prerequisites:

Notes: An examination of present human engineering design criteria, principles, and practices to achieve mission success through integration of the human into system, subsystem, equipment, and facility design in order to achieve effectiveness, simplicity, efficiency, reliability and safety of system operation, training and maintenance. Not for credit for students pursuing the M.S. or Ph.D. in the Human Factors option. (3H,3C).

Title: 5605,5606: HUMAN FACTORS SYSTEM DESIGN

Length: Text:

Distance learning: [ ]

Mobile Classroom [ ]

College Credits: 0
CSP CEUs: 0

Prerequisites: Pre: 3614 for 5605; 3614, 5605 for 5606. Co: 5614. 5605: (3H,3C) 5606: (4H,4C).

Notes: Human factors input into operator-system design, development, testing, and evaluation. Emphasis on the systems approach to human-machine interfacing, with discussion and application of specific methodologies and analytical techniques. Display and control design and selection fundamentals with engineering modeling of manual control systems. In 5606, each student performs a design project relying on application of systems analysis and design techniques. Pre: 3614 for 5605; 3614, 5605 for 5606. Co: 5614. 5605: (3H,3C) 5606: (4H,4C).

Title: 5674: SYSTEM SAFETY ANALYSIS

Length: Text:

Distance learning: [ ]

Mobile Classroom [ ]

College Credits: 0
CSP CEUs: 0

Prerequisites: Pre: 4644, STAT 3604 or STAT 4705. (4H,4C).

Notes: The analytical techniques and documentation requirements to provide proper design of equipment and systems and to protect against products liability. Safety concepts, legal concepts, qualitative and quantitative hazard evaluation, hazard classification, system life cycle safety, statistical distributions, software safety analysis, inductive and deductive analysis, Mort, Fault Tree, hands-on projects emphasizing hazard identification and control. Pre: 4644, STAT 3604 or STAT 4705. (4H,4C).
<table>
<thead>
<tr>
<th>Title</th>
<th>Text</th>
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<tbody>
<tr>
<td><strong>6474: RELIABILITY THEORY</strong></td>
<td><strong>Length:</strong></td>
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<tr>
<td></td>
<td><strong>Distance learning:</strong></td>
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<tr>
<td><strong>Prerequisites:</strong></td>
<td>Pre: 5414, 5405, STAT 5004. (3H,3C).</td>
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<tr>
<td><strong>Notes:</strong></td>
<td>An introductory graduate-level examination of mathematical models of failure processes and complex system reliability. Included are existing probability models of component and system failure processes, statistical and experimental methods for estimating failure behavior, and optimization models for supporting design, replacement, and maintenance decisions. Pre: 5414, 5405, STAT 5004. (3H,3C).</td>
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<tr>
<th>Title</th>
<th>Text</th>
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<tbody>
<tr>
<td><strong>6604: HUMAN FACTORS IN VISUAL DISPLAY SYSTEMS</strong></td>
<td><strong>Length:</strong></td>
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<td><strong>Distance learning:</strong></td>
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<tr>
<td><strong>Prerequisites:</strong></td>
<td>Pre: 5604, 5605. (3H,3C).</td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>Quantitative analysis of human visual system capabilities and limitations, and their relationship to the design of visual display components and systems. Emphasis is placed on the measurement and physics of light, visual science data, hardware design, and the use of linear systems theory in display design and evaluation. Pre: 5604, 5605. (3H,3C).</td>
</tr>
</tbody>
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<tr>
<th>Title</th>
<th>Text</th>
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<tbody>
<tr>
<td><strong>6624: ADVANCED TOPICS IN HUMAN FACTORS</strong></td>
<td><strong>Length:</strong></td>
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<tr>
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<td><strong>Distance learning:</strong></td>
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<td><strong>Prerequisites:</strong></td>
<td>Pre: 5616. (3H,3C).</td>
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<tr>
<td><strong>Notes:</strong></td>
<td>A research-oriented course reviewing the scientific literature in Human Factors Engineering of selected complex systems. Industrial, civil, transportation, military and computer-based systems will be considered. State-of-the-art topics will be examined to an extent not covered in other courses. May be repeated, with different content. Pre: 5616. (3H,3C).</td>
</tr>
</tbody>
</table>
Sponsor Name: Defense Acquisition University

URL: http://clc.dau.mil/kc/no_login/portal.asp

Street Address 1: Street address 2:
City: State_Providence: Zip Code:
Country: USA Telephone (general): 866-568-6924

Sponsor Notes: The mission of the CLC is to provide a single portal for easy access to a multitude of continuous learning opportunities, performance support and information. This site is not intended to provide certification courses (please visit http://www.dau.mil, Enroll Here, for all certification courses).

Courses are online

Sponsor Name: Goodwin College (Drexel University)

URL: http://www.drexel.edu/academics/goodwin/welcome/

Street Address 1: One Drexel Plaza, 3001 Market St Street address 2:
Country: USA Telephone (general): (215) 895-2159

Sponsor Notes: Did offer aviation safety 02-03, unable to locate in 04?
System Safety Courseware

Report compiled for use by members of the System Safety Society. The System Safety Society does not guarantee currency of listing information or endorse any of the courses contained herein.

Sponsor Name: APT Research, Inc

URL: http://www.apt-research.com

Street Address 1: 4950 Research Drive NW

City: Huntsville

State_Providence: AL

Zip Code: 35805-5906

Country: USA

Telephone (general): 256.327.3397

Title: Principles of System Safety Engineering

Length: 4 days

Text:

Distance learning: Mobile Classroom

College Credits: 0

CSP CEUs: 2.4

Notes: The APT Safety Engineering and Analysis Center (SEAC) is conveniently located in Cummings' Research Park near Redstone Arsenal in Huntsville. See our website for detailed directions. www.apt-research.com

The Principles of System Safety Engineering course includes training modules for:

- Failure Modes and Effects Analysis
- Fault Tree Analysis
- Event Tree Analysis
- Reviewing SS Analyses
- Risk Acceptance
- Elements of a System Safety Program
- Concepts in Risk Management
- Initiating the System Safety Program
- Working with the Risk Assessment Matrix
- Preliminary Hazard Analysis

Title: Engineering Advanced System Safety Engineering

Length: 3 days

Text:

Distance learning: Mobile Classroom

College Credits: 0

CSP CEUs: 2

Notes: The Advanced System Safety Engineering training course is designed for safety professionals wanting to advance their skill and knowledge in techniques supporting hazard discovery, assessment and control of risk, and the review of risk analyses performed by others. The course begins by reviewing the basic principles of the system safety discipline, and building on these principles, it explores in more depth the following subjects:

- Concepts in Risk Management
- Working with the Risk Assessment Matrix
- Fault Tree Analysis
- Reviewing System Safety Analyses
- Managing Risk Acceptance
- Sneak Circuit Analysis
- Making Component Failure Probability Estimates
- Cause-Consequence Analysis
- Risk Acceptance & Strategy Selection in Tech Activities
- Human Factors and Operator Errors
System Safety Courseware

Report compiled for use by members of the System Safety Society. The System Safety Society does not guarantee currency of listing information or endorse any of the courses contained herein.

Sponsor Name: Illinois State University
URL: http://www.ilstu.edu/
Street Address 1: Department of Health Sciences
City: Normal
Country: USA
Street address 2: Campus Box
State_Providence: Illinois
Zip Code: 61790
Telephone (general): (309) 438-2111
Sponsor Notes: Listed in BSCP
BS in Safety; Masters of Science in Environmental Health and Safety
For more information, please contact Angela Almeda <aaalmed@mail.ilstu.edu>.
HSC office phone: 309-438-8329
On-line courses available

Title: ________________________________
Length: ________________________________
Text: ________________________________
Distance learning: ________________________________
Mobile Classroom
College Credits: ________________________________
CSP CEUs: ________________________________
Prerequisites: ________________________________
Notes: ________________________________

Sponsor Name: Indiana University of PA
URL: http://www.iup.edu/
Street Address 1: 1011 South Drive
City: Indiana
Country: USA
Street address 2: 1010 Oakland Avenue
State_Providence: Pennsylvania
Zip Code: 15705
Telephone (general): (724) 357-2100
Sponsor Notes: Listed in BSCP
Degrees (BS & MS) in Safety Sciences
117 Johnson Hall, 1010 Oakland Avenue
Indiana, PA 15705 USA
Phone: 724-357-3018
Fax: 724-357-3992
Office Hours: 8:00-noon, 1:00-4:30
Monday through Friday EST/DST

Safety Degrees
System Safety Courseware

Report compiled for use by members of the System Safety Society. The System Safety Society does not guarantee currency of listing information or endorse any of the courses contained herein.

Sponsor Name: Marshall University
URL: http://www.marshall.edu/
Street Address 1: 112 Gullickson Hall
City: Huntington
State/Province: West Virginia
Zip Code: 25755
Country: USA
Telephone (general): (304) 696-5453

Sponsor Notes: Listed in BSCP
Alternate Campus: 325 Administration Bldg.
100 Angus E. Peyton Drive
South Charleston, WV 25303
Masters of Science in Safety
The graduate degree features concentrations in:
Ergonomics
Industrial Hygiene
Occupational Safety and Health
Mine Safety
Safety Management
Transportation Safety

Sponsor Name: Millersville University of PA
URL: http://www.millersville.edu/
Street Address 1: P.O. Box 1002
City: Millersville
State/Province: Pennsylvania
Zip Code: 17551-1002
Country: USA
Telephone (general): (717) 872-3318

Sponsor Notes: Listed in BSCP
BS Occupational Safety & Environmental Health
Sponsor Name: **Murray State University**
URL: http://www.murraystate.edu/
Street Address 1: 157 Industry & Technology Center
City: Murray
State_Providence: Kentucky
Zip Code: 42071-3347
Country: USA
Telephone (general): (888) 886-5715
Sponsor Notes: Listed in BSCP
Masters of Science: Occupational Safety and Health

Sponsor Name: **West Virginia State University**
URL: http://www.cemr.wvu.edu/
Street Address 1: P.O. Box
City: Morgantown
State_Providence: West Virginia
Zip Code: 0
Country: USA
Telephone (general): (304) 293-4832 Ext. 2237
Sponsor Notes: Listed in BSCP
Undergraduate in Industrial Engineering, MS in Safety Management
Title: ENRE 447/467 System Safety Engineering

Length: Text:

Distance learning:  

College Credits: 3  

CSP CEUs:

Prerequisites:

Notes: Instructor: Michael Allacco (202) 493-4589; Michael_Allacco@FAA.gov

Title: ENRE 683 (648M) Software Safety

Length: Text:

Distance learning:  

College Credits: 3  

CSP CEUs:

Prerequisites:

Notes: Instructor: Dr. Carol Smidts

Title: ENRE 670 Risk Assessments for Engineers

Length: Text:

Distance learning:  

College Credits: 3  

CSP CEUs:

Prerequisites:

Notes: Instructor: Dr. Mohammad Modarres