**ESSEX COUNTY COLLEGE**

**Community and Continuing Education**

**HLS 104 – Transportation and Border Security**

**Course Outline**

**Course Number & Name:**  HLS 104 Transportation and Border Security

**Credit Hours:**  3.0 **Contact Hours:**  3.0 **Lecture:** 3.0 **Lab:**  N/A **Other:**  N/A

**Prerequisites**:  Grade of “C” or better in HLS 101 or permission of the instructor

**Co-requisites:** None **Concurrent Courses:** None

**Course Description**: Provides an in-depth view of modern border and transportation security. Specific topics include security for seaports, ships, aircraft, trains trucks, pipelines, buses, etc. along with system and industry changes since 9-11. Discussions continue with the technology needed to detect terrorists and their weapons, as well as discussions on the legal, economic, political, and cultural aspects of the problem.

**Course Goals:** Upon successful completion of this course, students should be able to do the following:

1. discuss transportations and border security and threats and potential solutions;
2. analyze alternatives, risks, and consequences to selected methods of security operations; and
3. demonstrate geographical literacy by analyzing and interpreting graphical information (maps, geographical surveys, aerial photographs, weather patterns, diagrams) to explain how they can be used as possible threats in border patrol and transportation systems

**Measurable Course Performance Objectives (MPOs)**: Upon successful completion of this course, students should specifically be able to do the following:

1. Discuss transportations and border security and threats and potential solutions:

1.1 *list and explain threats to national and international security that merit action with vulnerable border and transportation;*

1.2 *analyze methods and techniques for obtaining intelligence and analyzing strategic assets;* and

1.3 *list and describe twenty-first century threats*

2. Analyze alternatives, risks, and consequences to selected methods of security operations:

2.1 *describe and discuss the importance of a global transportation system*;

2.2 *describe who and what is involved with the protection of air, sea, rail, truck, road and pipelines;* and

2.3 *recognize and list possible international threats and possible counter-measures*

**Measurable Course Performance Objectives (MPOs)** (continued):

1. Demonstrate geographical literacy by analyzing and interpreting graphical information (maps, geographical surveys, aerial photographs, weather patterns, diagrams) to explain how they can be used as possible threats in border patrol and transportation systems:

3.1 *describe location and protection of facilities along with new technologies that assist with transportation security;* and

3.2 *analyze practices of cargo screening measures and cargo screening equipment used to detect terrorists and possible weapon entry into the United States*

**Methods of Instruction**: Instruction will consist of lecture, class discussions, homework assignments, quizzes, exams, and completion of a typed 5 – 7 page research paper.

**Outcomes Assessment:** Quiz and exam questions are blueprinted to course objectives. A checklist rubric is used to evaluate the research paper for the presence of course objectives. Data is collected and analyzed to determine the level of student performance on these assessment instruments in regards to meeting course objectives. The results of this data analysis are used to guide necessary pedagogical and/or curricular revisions.

**Course Requirements:** All students are required to:

1. Maintain regular attendance.

2. Read assigned chapters and complete homework.

3. Take part in class discussions.

4. Take all quizzes and exams as scheduled.

5. Submit a typed, double-spaced 5 – 7 page research paper on due date.

**Methods of Evaluation:** Final course grades will be computed as follows:

**% of**

**Grading Components final course grade**

* **Homework assignments and class participation 15%**

Students will complete chapter questions in writing, for collection in class, to foster learning and comprehension of border security management. The assignments will provide evidence of student mastery of course objectives.

* **2 or more quizzes**  **35%**

Quizzes will show evidence of the extent to which students meet course objectives, demonstrating an operational knowledge of intelligence gathering and analysis related to border/transportation security.

**Methods of Evaluation** (continued)**:**

**% of**

**Grading Components final course grade**

* **5 – 7 page Research Paper 20%**

Papers will be double-spaced and typed and are required to enhance the understanding of border security analysis and how it affects security measures in the United States. The topic will be approved by the instructor and will relate to course objectives.

* Midterm Exam 15%

The midterm exam will show evidence of student mastery of course objectives and of student comprehension of course material covered in the first half of the semester, including material from chapters 1 – 6.

* **Final Exam** **15%**

The final exam will show evidence of student mastery of course objectives and of student comprehension of course material covered in the last half of the semester, including material from chapters 7 – 14.

**Academic Integrity:** Dishonesty disrupts the search for truth that is inherent in the learning process and so devalues the purpose and the mission of the College. Academic dishonesty includes, but is not limited to, the following:

* plagiarism – the failure to acknowledge another writer’s words or ideas or to give proper credit to sources of information;
* cheating – knowingly obtaining or giving unauthorized information on any test/exam or any other academic assignment;
* interference – any interruption of the academic process that prevents others from the proper engagement in learning or teaching; and
* fraud – any act or instance of willful deceit or trickery.

Violations of academic integrity will be dealt with by imposing appropriate sanctions. Sanctions for acts of academic dishonesty could include the resubmission of an assignment, failure of the test/exam, failure in the course, probation, suspension from the College, and even expulsion from the College.

**Student Code of Conduct:** All students are expected to conduct themselves as responsible and considerate adults who respect the rights of others. Disruptive behavior will not be tolerated. All students are also expected to attend and be on time for all class meetings. No cell phones or similar electronic devices are permitted in class. Please refer to the Essex County College student handbook, *Lifeline*, for more specific information about the College’s Code of Conduct and attendance requirements.

**Course Content Outline:** based on the text **Transportation and Cargo Security, Threats and Solutions**, by Kathleen M Sweet; published by Pearson/Prentice Hall, 2006.

**Suggested Supplemental References & Reading:**

Jeffrey Addicott*, Terrorism Law, The Rule of Law and the War on Terrorism,* Lawyers and Judges Publishing,

2nd edition, ISBN: 0-913875-75-9

Lawrence J Fennelly, *Handbook of Loss Prevention and Crime Prevention*, Elsevier Press, 4th edition,

ISBN #: 0-7506-7453-9

[Biometrics on passports: best bet for tight security.](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=fullrecord:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0:recno=1:resultset=2:format=FI:next=html/record.html:bad=error/badfetch.html:entitytoprecno=1:entitycurrecno=1:numrecs=1) Author: David, Mark. Source: Electronic Design v. 52 no. 18 (Aug 23, 2004) p. 15 [Libraries Worldwide](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=holdingsbrief:entityholdingsortpage=normal:next=html/holdings.html:bad=error/badfetch.html:format=FH:numrecs=1:resultset=2:entitylibrarycount=631:recno=1:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0): 631

[Truckers face new hazardous transport rules.](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=fullrecord:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0:recno=2:resultset=2:format=FI:next=html/record.html:bad=error/badfetch.html:entitytoprecno=2:entitycurrecno=2:numrecs=1) Author: Bradford, Michael. Source: Business Insurance v. 38 no. 32 (Aug 9, 2004) pp. 4 & 44 [Libraries Worldwide](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=holdingsbrief:entityholdingsortpage=normal:next=html/holdings.html:bad=error/badfetch.html:format=FH:numrecs=1:resultset=2:entitylibrarycount=641:recno=2:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0): 641

[Who's in charge?](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=fullrecord:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0:recno=3:resultset=2:format=FI:next=html/record.html:bad=error/badfetch.html:entitytoprecno=3:entitycurrecno=3:numrecs=1) Author: Bierlein, Lawrence W. Source: Logistics Today v. 45 no. 7 (July 2004) p. 20

[House Bill Calls for Additional Security for Chemical Shipments.](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=fullrecord:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0:recno=4:resultset=2:format=FI:next=html/record.html:bad=error/badfetch.html:entitytoprecno=4:entitycurrecno=4:numrecs=1) Author: Hess, Glenn. Source:

Chemical Market Reporter v. 266 no. 3 (July 26, 2004) pp. 1 & 23 [Libraries Worldwide](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=holdingsbrief:entityholdingsortpage=normal:next=html/holdings.html:bad=error/badfetch.html:format=FH:numrecs=1:resultset=2:entitylibrarycount=412:recno=4:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0): 412

[Coin Toss.](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=fullrecord:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0:recno=5:resultset=2:format=FI:next=html/record.html:bad=error/badfetch.html:entitytoprecno=5:entitycurrecno=5:numrecs=1) Author: Goodman, Brenda. Source: Atlanta Magazine v. 44 no. 3 (July 2004) pp. 22 – 23 [Libraries Worldwide](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=holdingsbrief:entityholdingsortpage=normal:next=html/holdings.html:bad=error/badfetch.html:format=FH:numrecs=1:resultset=2:entitylibrarycount=170:recno=5:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0): 170

[Independence Way.](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=fullrecord:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0:recno=6:resultset=2:format=FI:next=html/record.html:bad=error/badfetch.html:entitytoprecno=6:entitycurrecno=6:numrecs=1) Author: Jaffe, Sam. Source: The Washington Monthly v. 36 nos. 7/8 (July/Aug 2004) pp. 17 – 20 [Libraries Worldwide](http://firstsearch.oclc.org/WebZ/FSFETCH?fetchtype=holdingsbrief:entityholdingsortpage=normal:next=html/holdings.html:bad=error/badfetch.html:format=FH:numrecs=1:resultset=2:entitylibrarycount=1677:recno=6:sessionid=sp07sw02-35907-e0v7ffks-cx8rxr:entitypagenum=5:0): 1677

**WeekContent/Topics**

1 Introduction and Course Overview: National and International Strategic Assets

2 Importance of the Global Transportation System (air, sea, rail)

3 Importance of the Global Transportation System (truck, road, pipeline)

4 Protection of Transportation Facilities

5 Cargo Screening

6 International Threats and Counter-measures

7 Basic Personnel Security – Procedures and Policy

**MIDTERM EXAM**

8Basic Personnel Security – Procedures and Policy (continued)

9 Physical and Procedural Security

**WeekContent/Topics**

10 Government Security Agencies (federal, state, local)

11 Cargo Screening Equipment

12 New Technologies

13 Twenty-first Century Threats

**Research Paper due**

14 Review for Final Exam

15 **FINAL EXAM**