

Survey of Science, Engineering and Technology: Proposed topics of study

This class will be designed as a collaborative effort between professors in each of the appropriate subject areas. The course will be created in the following manner:

- Each sub-discipline (i.e. engineering) will create a full 14 week course for individuals interested in Homeland Security;
- Of this 14 week lesson plan, the most fundamental 3 lessons will be extracted and will go into the Survey of Science, Engineering, and Technology Class;
- All students, regardless of background or previous area of study, should be able to take the survey course and obtain an appreciation of the various sub-fields of Homeland Security Studies;
- Students that wish to focus their studies in a specific area may take that discipline's full 14 week course.

This process will result in the class being divided into the following sections:

- Three lessons on Engineering in HLS
- Three lessons on Science in HLS
- Three lessons on HLS Technology
- Two lessons on Management and Leadership in HLS
- Two lessons on the Sociology or Social-Psychology of Crisis Management
- One lesson of Summary and Review

Survey
Of
Engineering,
Science, and
Technology
Course



3 Fundamental
Lessons from HLS
Engineering Course

3 Fundamental
Lessons from HLS
Science Course

3 Fundamental
Lessons from HLS
Technology Course

2 Fundamental
Lessons from HLS
Leadership and
Management Course

2 Fundamental
Lessons from HLS
Social-Psychology
Of Crisis
Management
Course