



**STUDYDADDY**

# Get Homework Help From Expert Tutor

[Get Help](#)

## CSU Online Library

The CSU Online Library is available to support your courses and programs. The online library includes databases, journals, e-books, and research guides. These resources are always accessible and can be reached through the library webpage. To access the library, log into the myCSU Student Portal, and click on “CSU Online Library.” You can also access the CSU Online Library from the “My Library” button on the course menu for each course in Blackboard.

The CSU Online Library offers several reference services. E-mail ([library@columbiasouthern.edu](mailto:library@columbiasouthern.edu)) and telephone (1.877.268.8046) assistance is available Monday – Thursday from 8 am to 5 pm and Friday from 8 am to 3 pm. The library’s chat reference service, *Ask a Librarian*, is available 24/7; look for the chat box on the online library page.

Librarians can help you develop your research plan or assist you in finding relevant, appropriate, and timely information. Reference requests can include customized keyword search strategies, links to articles, database help, and other services.

## Unit Assignments

### Unit IV Case Study

1. Review the information in your textbook (Leveson, 2011, pp. 75-100) related to the STAMP model.
2. Download the two peer-reviewed journal articles, located in the required reading section for this unit, from the CSU Library (Academic Search Complete database) and read both articles.
3. Use the CSU APA-styled paper as a formatting template. Click [here](#), to access the template:
  - a. Compare and contrast the Construction Accident Causation model and the STAMP model.
  - b. Identify STAMP model features inherent within the Accident Causation Management System.
  - c. Describe the benefits and limitations of the STAMP model, the Construction Accident Causation model, and the Accident Causation Management System as each attempt to assist OSHA in the mission of addressing the aspect of human behavior within their respective designs.
4. Prepare a minimum three-page Case Study with no fewer than the three sources identified for the study.

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.

### Unit V Homework

Using the sample APA-styled paper (title page, abstract, body, and reference page), write a minimum two-page paper that includes the following:

1. First heading (APA Level 1 heading) should be “STPA.” Explain the STPA process, the background behind it, and how it is reflected in systems engineering. Also, describe how the STPA process may be used as a technique to accommodate human controllers. Provide at least one scenario to support your explanation.
2. Second (APA Level 1 heading) should be “Safety-Guided Design Process.” Explain the Safety-Guided Design process as it relates to industrial robotics. Also, describe how it may be used as a technique to accommodate humans within the control systems, including managing and designing for human error and error tolerances. Provide at least one scenario to support your explanation.

You are required to use at least one outside source. All sources used, including the textbook, must be referenced; paraphrased and quoted material must have accompanying APA citations.

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.

### Unit VIII Homework

#### Operations Safety Management Plan

- Review the information in your textbook (Leveson, 2011, pp. 412-414) related to the Operations Safety Management Plan design.
- Review the Figure C.1 depiction of a sample Safety Control Structure in your textbook (Leveson, 2011, p. 500).
- Review and use a minimum of five (5) peer-reviewed journal articles from the CSU Online Library (Academic Search Complete) to support your design work.



**STUDYDADDY**

# Get Homework Help From Expert Tutor

[Get Help](#)