

INTELLIGENT TRANSPORTATION SYSTEMS

ADVANCED VEHICLE SAFETY SYSTEMS-

DISCUSSION ISSUES

Note: Be prepared to answer the following questions.

Question 1.

Discuss the purpose of AVCS implementation and potential benefits.

Question 2.

Describe technological advancements associated with the early, intermediate, and advanced stage of AVCS deployment.

Question 3.

Develop a list of ITS services that may benefit from AVCS.

Question 4.

What are the main technical challenges toward AVCS deployment?

Research Topic

Your reading assignments introduced you to a number of advanced vehicle safety technologies. Select 2 of these to investigate in depth. You are expected to perform a literature search to collect material and organize your findings into a PowerPoint presentation (10 slides max). Please submit this along with your homework and be ready to offer the presentation in class. Also prepare and submit a written list of references used to obtain information on the topic (minimum of 4 references).