

TM640

Intelligent Transportation Systems – Course Syllabus

Instructor: James Wolfe

Office: Gullickson Hall 116
Office Hours: Monday – Friday 8:00am – 4:30pm
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Term: Fall 2007
Class: Gullickson Hall 121, Tuesday 6:50pm – 9:00pm

Objectives of this course:

- Participants will be given an overview of transport telematics and its increasing significance in transportation planning and management.
- Increase awareness and scope of transport issues, such as, traffic safety, public transport, advanced vehicle management and control.
- Learn how Intelligent transport systems (ITS) involve the application of information technology and telecommunications to control traffic, inform travelers and drivers, operate public transport, automating payments, handle emergencies and incidents, operate commercial fleets and freight exchange, and automate driving and safety.

Acquiring class materials electronically and communication:

Most communication will be via email and it is recommended that students monitor their accounts. Students can also reach me by phone (direct) or through the CITE secretary. If you are unable to make it to a class, it is better that you let me know in advance, so arrangements can be made for acquiring/discussing class materials.

Class assignments, quizzes and class participation:

Assignments: There will be assignments for the course. Assignments may require research on the Web, the library, or work with materials presented in the class.

Quizzes: There will be quizzes given throughout the course to measure a students understanding of the material.

Final Project: A final project presentation will be held during the last class. A student has to be present for the final project presentation in order to receive a grade.

Class participation:

- Students are expected to arrive in class on or before time. Many of the classes will have guest lecturers. Late arrivals will disrupt the class and our guest.
- Participate in class discussions.
- Do not disrupt the class with cell phones, beepers, timers, or other noises or behaviors (except emergencies).
- Attend all classes, except for emergencies.
- Consistent lack of participation on any of the above will result in penalization.

All assignments and presentations are required components of this course and must be satisfactorily completed to pass this course. Make-ups will be given only in extremely extenuating circumstances.

Grade determination:

40 percent for the assignments

40 percent for the final project

20 percent for class participation and quizzes

The instructor reserves the right to change these values, depending upon class performance and/or extenuating circumstances.