

UNIVERSITY OF HAWAII AT MĀNOA

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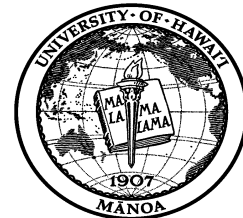
CEE 661: INTELLIGENT TRANSPORTATION SYSTEMS

Fall 2002

PROFESSOR PANOS D. PREVEDOUROS

MONTH	DATE	SUBJECT	DELIVERABLES
AUGUST	28	Urban systems	
SEPTEMBER	4	ITS components and systems	
	11	ITS components and systems	
	18	<i>paper presentations 1</i>	pres. 1
	25	User Services, Route Guidance	
OCTOBER	2	Traffic Signal Systems, Freeway Management Systems	
	9	Road Pricing, AVI, AVC	
	16	Automated Incident Detection (AID)	
	23	AID, review of journal papers	
	30	<i>paper presentations 2</i> ; IDAS, VTMS	pres. 2
NOVEMBER	6	Midterm exam	midterm
	13	INTEGRATION	
	20	INTEGRATION - ITS features	
	27	Thanksgiving Holiday	
DECEMBER	4	<i>paper presentations 3</i>	pres. 3
	11	Traffic sensors field demonstration: Sensor setup and data gathering with AUTOSCOPE, RTMS and SAS-1	Integration project due

Grading	30%	presentations
	35%	Integration project
	35%	Midterm exam
	0%	Final exam
	100%	



Presentations:	Prepare a 10 minute presentation of a journal article. The objectives are: high quality presentation materials, clear organization, useful summary of points so that everyone in class understands the concepts and findings of the research described in the paper.
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Journal papers:	1995 to present Transportation Research Record issues on ITS
Other Readings:	Chapter 6 from: Papacostas & Prevedouros, Transportation Engineering and Planning, 3rd ed., Prentice Hall, 2001. Handouts, web and journal article references.