CSCI 335H; HONORS Computer Architecture and Operating Systems			
Honors Contract Topic:	Summarize this project and explain how it individualizes the		
"Enrichment in Computer	course.		
Architecture and Operating	My project will explore various aspects of computer architecture		
Systems"	and operating systems, outside of the regular class work. Since		
	class time is limited, we will not have enough time in class to		
	cover all aspects of computer architecture or operating systems in		
	depth. Twice during the semester, I will research certain aspects		
	of computer architecture and operating systems that were covered		
	either lightly or not at all in class. For the computer architecture		
	topic, I will research memory systems for parallel and distributed		
	architectures and investigate the cache coherence and cache consistency problems. For the operating systems topic, I will research various methods for process synchronization, including semaphores, monitors, and atomic transactions. To summarize my results, I will write one paper for each topic. Each research		
	paper will be reported to the class via an oral presentation. In		
	addition to enhancing my knowledge of computer architecture	:	
	and operating systems, this project will give me the chance		
	to improve my writing and oral presentation skills.		
Methodology/Approach:	dology/Approach: List the activities the student will do to complete the projection		
	I will meet with the instructor to discuss the topics I will research		
	and receive help as needed. Each presentation will be		
	approximately 10 minutes long. The presentation may include		
	discussion, handouts, PowerPoint, etc. Each paper will be 5-7		
	pages.		
Resources:	List specific resources for gathering information for the project.		
	I will research both topics through books, journal articles, and the		
	World Wide Web. The primary journals to be used are <i>IEEE</i>		
	Computer and Communications of the ACM.		
Evaluation:	Explain the standards for grading the student's work and percen		
	of the semester grade for the project. Please detail how the course grade will be determined for both non-honors and honors		
	students.		
	Presentations will be evaluated on organization, accuracy of		
	information, and delivery. Papers will be graded on content,		
	organization, grammar, and understanding of the topic.		
Point Distribution	Non-honors Honors		
Class Participation	5% 5% 45% 45%		
Hyame (3)	/15%///////////////////////////////////		

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	organization, grammar, and understand	ing of the topic.
Point Distribution	Non-honors	Honors
Class Participation	5%	5%
Exams (3)	45%	45%
Homework	25%	15%
Oral presentations	0%	5%
Research Papers	0%	5%
Final Exam	25%	25%
	100%	100%