Texas A&M University
Department of Electrical Engineering
ELEN 679: Computer Relays
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	WEEK	**ACTIVITY**
1.	8/28-9/1	Introduction, Course Outline, Definitions
2.	9/4-9/8	Protection Function Requirements
3.	9/11-9/15	Computer Relay Hardware and Software
4.	9/18-9/22	Digital Algorithms Based on Fundamental Frequency
5.	9/25-9/29	Digital Algorithms Based on Traveling Waves
6.	10/2-10/6	Project #1 Presentations
7.	10/9-10/13	Project #1 Presentations
8.*	10/16-10/20	Relay Design Characteristics
9.	10/23-10/27	Integrated/Coordinated System Concept for Substations
10.	10/30-11/3	Substation System Hardware, Software, Communications
11.	11/6-11/10	Adaptive and System-Wide Relaying, Intelligent Systems
12.	11/13-11/17	Testing Tools and Methodologies
13.	11/20-11/24	Fiber-Optic Applications
14. *	11/27-12/1	Project #2 Presentations
15.	12/4-12/5	Project #2 Presentations

*Quizzes

NOTE: This year we will use the new Power Engineering Lab equipment, including Digital Simulators for relay evaluation. Practical projects will be assigned.