

**NETWORK TECHNOLOGY AND BUSINESS MULTIMEDIA DEPARTMENT
COLLEGE OF APPLIED SCIENCE AND TECHNOLOGY
WEBER STATE UNIVERSITY
COURSE OUTLINE**

COURSE	COURSE TITLE	LECTURE HRS. PER WEEK	LAB OR DISC. HRS PER WEEK	CREDIT HRS.
NTM 3730	Cyber Policy and Ethics	3	0	3
PREREQUISITES NTM 2710 and NTM 2720		OUTLINE PREPARED BY Rex Knowles		DATE OF PREPARATION October 28, 2015

COURSE OBJECTIVES: At the completion of this class the students will have a more thorough understanding of policies, rules, laws, security and privacy issues and ethical standards governing the communications industry, including the historical context of these policies and their macro-economic impacts. They will be able to articulate current issues and trends and describe in detail modern law and policy pertaining to communications. Students will also be able to apply this knowledge to current practical situations encountered by both providers and users of communications infrastructure and services.

COURSE DESCRIPTION: Explores how the structural, competitive, economic, environmental and ethical forces affect the continuing transformation of the communications industry both domestically and internationally. Discussion of the impact of contemporary issues on the provider and the consumer of communications services including the legal and ethical requirements and ramifications of electronic privacy.

TOPICS COVERED	APPROX. DAYS ALLOTTED
History of Telecommunications <ul style="list-style-type: none"> • Policy Drivers • Bell Telephone • The Telecommunications Act of 1934 • The Monopoly • Universal Service • The Federal Communications Commission 	1 week
Competition <ul style="list-style-type: none"> • CPE, Transport, Long Distance, Local • Telecommunications Act of 1996 • Intermodal Competition • IP Enabled Services - VoIP 	2 week
Broadband/Network Policy <ul style="list-style-type: none"> • National Broadband Plan • Universal Service 	1 week
Broadband Internet Access Service <ul style="list-style-type: none"> • FCC's Open Internet Order • Title I vs. Title II 	1 week

Ethics <ul style="list-style-type: none"> • Ethical Standards – Legal, Policy and Personal • Cyber Crime 	1 week
Privacy <ul style="list-style-type: none"> • Privacy Principles • Laws protecting personal data: FCRA, HIPPA, GLBA, COPPA • Customer Proprietary Network Information (CPNI) • Data Breaches – reporting requirements / enforcement 	2 week
Cybersecurity <ul style="list-style-type: none"> • Network Security Requirements • NIST - Risk Management and the Cybersecurity Framework 	3 weeks

TEXTS

No text

PUBLISHER

ADDITIONAL REFERENCES OR INSTRUCTIONAL MATERIALS

Federal regulatory policies, speeches, orders and rules; telecommunications publications; periodicals; newspapers; news broadcasts; court findings; congressional hearings.

OUTSIDE STUDENT PROJECTS OR ASSIGNMENTS (OTHER THAN TEXT READING)

Multiple case studies based on relevant current events, telecommunication publications, periodicals, newspapers, news broadcasts, court findings, congressional hearings.

LIBRARY ASSIGNMENTS

Research paper and oral presentation on current local, national, or international cyber privacy and security issue and the implications on providers and consumers of communications services.

A-V AIDS USED (O/H PROJECCION, FILMS, TAPES, ETC.)

Topical based O/H presentations are used during lectures and class discussions.

SPECIAL ACTIVITIES (GUEST SPEAKERS, FIELD TRIPS, ETC.)

Undetermined

SPECIAL COMMENTS

Grade based on research paper and oral presentation, case studies – class discussions, quizzes, and final examination.

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GRADING

CLASS PARTICIPATION – 20%: Students are expected to attend lectures and to participate in class discussions.

EXAM – 20%: There will be one midterm exam worth 20%.

CASE STUDIES – 35%: Students will be asked to review and prepare one page briefs on at least five case studies that will be provided. Late submitted Case Studies will be worth 50% of the maximum potential credit.

Final Paper – 25%: Students will apply cyber policy and ethics, including a regulatory, legal and legislative analysis, to a specific current situation within the relevant business environment. Each student will be required to submit a paper and make a brief presentation of their findings to the class.

Contact Information

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