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

<table>
<thead>
<tr>
<th>COURSE</th>
<th>COURSE TITLE</th>
<th>LECTURE HRS. PER WEEK</th>
<th>LAB OR DISC. HRS PER WEEK</th>
<th>CREDIT HRS.</th>
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<tr>
<td>NTM 3730</td>
<td>Cyber Policy and Ethics</td>
<td>3</td>
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**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

#### History of Telecommunications
- Policy Drivers
- Bell Telephone
- The Telecommunications Act of 1934
- The Monopoly
- Universal Service
- The Federal Communications Commission

#### Competition
- CPE, Transport, Long Distance, Local
- Telecommunications Act of 1996
- Intermodal Competition
- IP Enabled Services - VoIP

#### Broadband/Network Policy
- National Broadband Plan
- Universal Service

#### Broadband Internet Access Service
- FCC’s Open Internet Order
- Title I vs. Title II

**APPROX. DAYS ALLOCATED**
- 1 week
- 2 week
- 1 week
- 1 week
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<tr>
<th>Ethics</th>
<th>1 week</th>
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<tr>
<td>• Ethical Standards – Legal, Policy and Personal</td>
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<td>• Cyber Crime</td>
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<td>Privacy</td>
<td>2 week</td>
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<tr>
<td>• Privacy Principles</td>
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<td>• Laws protecting personal data: FCRA, HIPPA, GLBA, COPPA</td>
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<td>• Customer Proprietary Network Information (CPNI)</td>
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<td>• Data Breaches – reporting requirements / enforcement</td>
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<tr>
<td>Cybersecurity</td>
<td>3 weeks</td>
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<tr>
<td>• Network Security Requirements</td>
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<td>• NIST - Risk Management and the Cybersecurity Framework</td>
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<th>PUBLISHER</th>
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**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 PROJECTION, 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.
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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