

ITMM 485 SYLLABUS**ITMM 485 Legal and Ethical Issues in Information Technology**

Hours: 3 credit hours / 45 contact hours

Instructor: Ray Trygstad

Textbook, title, author, and year:*Ethics and Technology: Controversies, Questions, and Strategies for Ethical Computing, 5th Edition,* Herman Tavani, 2016*The Future Computed: Artificial Intelligence and its role in society,* Microsoft Corporation, 2018. eBook provided on Blackboard.**Specific course information:**

- a. **Catalog description:** Current legal issues in information technology are addressed including elements of contracting, payment systems and digital signatures, privacy concerns, intellectual property, business torts, and criminal liability including hacking, computer trespass and fraud. Examination of ethical issues including privacy, system abuse, and ethical practices in information technology equip students to make sound ethical choices and resolve legal and moral issues that arise in information technology
- b. **Prerequisites:** None.
- c. **Required for Applied Cybersecurity and Information Technology.**

Specific goals for the course

- a. **Course Outcomes:** Each successful student will demonstrate an understanding of professional, ethical, legal, security and social issues and responsibilities in information technology; and will demonstrate an ability to make sound ethical choices and resolve legal and moral issues that arise in professional practice.
- b. **Course student outcomes:**
At the conclusion of this course, each successful student will be able to:
 - Discuss basic concepts of ethics, morality and the law.
 - Describe the differences between ethics, morality and law.
 - Identify ethical procedures and behaviors in the organization related to the employment and use of information technology.
 - Identify key ethical concerns of information technology professionals.
 - Recognize and describe Codes of Ethics and Professional Conduct and identify the industry organizations they are associated with.

- Describe issues related to privacy and confidentiality as they relate to information technology.
 - Identify key laws and regulations related to privacy and confidentiality.
- Discuss issues in cybercrime and technology-facilitated crime.
 - Identify key laws and regulations related to cybercrime.
- Describe issues related to intellectual property, intellectual property law, freedom of expression, and intellectual freedom as they relate to information technology.
 - Describe the differences between copyrights, patents, trademarks and trade secrets.
- Explain specific issues of contract law common in information technology
 - Describe and discuss issues related to outsourcing and Service Level Agreements.
- Discuss the social impact of information technology on society.
 - Explain the concept of “digital divide”, identify some causes and discuss possible solutions.
 - Identify underlying gender, cultural and diversity related issues in information technology.
- Create policies and procedures for an organization that are ethically, morally and legally sound.
 - Produce an Acceptable Use Policy with appropriate mechanisms for enforcement.

Topics to be covered

- a. Introduction to Ethics and the Law
- b. Ethical Concepts and Theories
- c. Ethics, Law and Conflict
- d. Professional Ethics in Information Technology Privacy
- e. Security and Compliance
- f. Cybercrime and Technology-Facilitated Crime
- g. Intellectual Property Issues
- h. Regulating Commerce and Speech
- i. Information Technology Contract Law: SLAs and Outsourcing Technology, Work and the Digital Divide
- j. Online Identity, Community, and Artificial Intelligence Ethics, Law and Emerging Technologies
- k. IT Law and Ethics in Context