Prefix and Course Number: CYBR 440
Course Title: Security and Compliance

Course Learning Outcomes

By the end of this course, a student should be able to:

- Identify the concepts and purpose of compliance
- Identify concepts and purpose of regulation
- Explain the authority, auditing and penalties of compliance and regulation
- Summarize expectations and responsibilities of organizations with regards to compliance and regulation
- Compare current regulations and compliances

Course Outline

1. Compliance
   1.1 Elements
   1.2 Purpose
   1.3 Authority
2. Regulation
   2.1 Elements
   2.2 Purpose
   2.3 Authority
3. PCI-DSS
   3.1 Purpose
   3.2 Authority
   3.3 Auditing
   3.4 Penalties
   3.5 Levels and criteria
   3.6 Certification Checklist
4. HIPAA
   4.1 Purpose
   4.2 Authority
   4.3 Auditing and Complaints
   4.4 Regulatory Requirements
   4.5 Expectations and Responsibilities
   4.6 Penalties
5. Sarbanes Oxley
   5.1 Purpose
   5.2 Authority
   5.3 Auditing and Complaints
   5.4 Regulatory Requirements
   5.5 Expectations and Responsibilities
   5.6 Penalties
6. Gramm Leach Bliley
   6.1 Purpose
   6.2 Authority
6.3 Auditing and Complaints
6.4 Regulatory Requirements
6.5 Expectations and Responsibilities
6.6 Penalties
7. Other Regulations and Compliance
  7.1 International
  7.2 Industry
  7.3 State