Global Learning Semesters
Course Syllabus
Course: ITM-555 Information System Security
Department: Computer Science
Host Institution: Intercollege, Nicosia, Cyprus

Course Summary

Course Code	Course Title	Recommended Credit Hours
ITM-555	Information System Security	3
Semester Offered	**Contact Hours**	**Prerequisites**
Please contact us	42-45	None
Department	**Level of Course**	**Language of Instruction**
Computer Science	Upper Division	English

Course Description

The course will be business-oriented and focused on information risk management while addressing management, design and technical security issues at the conceptual level. It will provide the students with the necessary skills to manage, design, oversee and assess an enterprise's information security.

Since the birth of the internet, the threats that industries face are becoming increasingly more complex, and alarmingly more common, as these, once isolated, environments are now faced with viruses, hackers, cyber terrorists, and remote threats of high available system outages. Securing the systems and network environments that support this critical infrastructure is more important in today's world now more than ever and requires an extended set of specialized skills.

The ability to counter act the highly advanced technical skills such as those used by hackers to circumvent security measures as well as countermeasure techniques all specific to these critical infrastructure, SCADA, and high availability environments.

Prerequisites

None

Readings and Resources

Required Textbooks
- Harold F. Tipton Micki Krause, Micki Cissp Krause. Information security Management Handbook, Fifth Edition, Auerbach Publications, ISBN: 0849319978.
- Thomas R, Peltier. Infomration Security Policies, Procedures and Standards: Guidelines for effective Information Security Management. Auerbach Publications. ISBN: 0849311373.

Recommended Reading
- Susan Young, Dave Aitel. (2003) The Hacker's Handbook: The strategy behind breaking into and defending networks. Auerbach Publications. ISBN: 0849308887.