El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	**Information Technology Systems**
COURSE RUBRIC AND NUMBER	**ITSY 1300**
COURSE TITLE	**Fundamentals of Information Security**
COURSE CREDIT HOURS	**3 3 : 1**
	Credits Lec Lab

I.   Catalog Description

An introduction to information security including vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and appropriate countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed. **(3:1). Lab fee.**

II.   Course Objectives

Upon satisfactory completion of this course, the student will be able to:

A.   Identify network security risks, security design, and monitoring solutions.
B.   Identify sources of computer threats, evaluate potential practices, tools, and technologies to protect individual network systems.
C.   Establish and sustain an operating system security plan utilizing systems and application security tools.
D.   Implement procedures to secure and monitor audit logs and set system administrator alerts.
E.   Develop an organizational operating system security plan that provides for periodic reviews of security policies, procedures, authorized users list, and software update patches.

III.   THECB Learning Outcomes (WECM)

F.   Outline best practices for the information security goals of confidentiality, integrity and availability.
G.   Explain ethical practices.
H.   Define vocabulary/terminology related to information security.
I.   Explain the importance of planning and administrative controls.
J.   Identify security threats, vulnerabilities, and countermeasures.
K.   Identify procedures for security risk management.

IV.   Evaluation

- 4 exams each worth 100 points.
- There will be assignments worth 50 points each. grade.
- A comprehensive final exam worth 200 points.
- The final grade will be based on the percentage of total points earned:

Percentage	Letter Grade
90 – 100	A
80 – 89.99	B
70 – 79.99	C
60 – 69.99	D
0 – 59.99	F

V.   Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI.   6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.

VII.   Title IX and Sex Discrimination

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.