

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Information Technology Systems</u>
COURSE RUBRIC AND NUMBER	<u>ITNW 1354</u>
COURSE TITLE	<u>Implementing and Supporting Servers</u>
COURSE CREDIT HOURS	<u>3 3 : 1</u> Credits Lec Lab

I. Catalog Description

Develops skills necessary to implement, administer, and troubleshoot information systems that incorporate servers in a networked computing environment. **Prerequisite: ITCC 1301. (3:1).**

II. Course Objectives

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

- A. Install Windows Server.
- B. Manage hardware devices and configure the Windows Server Environment.
- C. Create and manage user accounts.
- D. Manage access to resources by using groups and computer accounts.
- E. Manage and monitor data by using NTFS.
- F. Configure and manage disks
- G. Provide network access to file resources and implement Distributed File System. (DFS).
- H. Configure printing.
- I. Manage Group Policy and deploy software.
- J. Administer Windows Server.
- K. Install and configure Terminal Services.
- L. Monitor and optimize performance in Windows Server.
- M. Implement backups and disaster recovery.
- N. Configure Web resources using Internet Information Services (IIS).
- O. Implement security in Windows Server.

III. THECB Learning Outcomes (WECM)

1. Configure peripherals and devices.
2. Set up servers.
3. Configure directory replication.
4. Manage licensing.
5. Create and manage system policies, and profiles.
6. Administer remote servers and disk resources.
7. Create and share resources.
8. Implement fault-tolerance.
9. Configure servers for interoperability.
10. Install and configure Remote Access Services (RAS).
11. Identify and monitor performance bottlenecks and resolve configuration problems.

IV. Evaluation**A. Preassessment**

None

B. Postassessment

1. There will be four (4) written examinations. The exams are worth 100 points each. The final exam will be comprehensive.
2. Homework assignments will be assigned at the instructor's discretion and will be averaged on a 100-point scale.
3. Lab assignments will be assigned at the instructor's discretion and will be averaged on a 100-point scale.

C. Remediation

The instructor may provide the students with means of improving a grade. The instructor will determine the timing, form, and method remediation.

D. Final Grade

The final grade report will be based on the percentage of the total points earned.

Percentage	Letter Grade
90 - 100.0	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.