

JEFFERSON COLLEGE

COURSE SYLLABUS

CIS282

NETWORKING/SUPPORT PROJECTS

3 Credit Hours

Prepared by:
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CIS282 Networking/Support Projects

I. CATALOGUE DESCRIPTION

- A. Introduction to the Linux Operating System
 - 1. Pre-requisite:
 - a. CIS150 Introduction to Computer Support
 - b. CIS243 Advanced Computer Support
 - c. CIS247 Networking II
 - d. CIS262 Client/Server Management
 - e. Reading Proficiency
 - 2. Co-requisite: CIS275 Linus OS
- B. 3 Credit Hours
- C. Students will design, install, configure, and support a computer network based on “client” needs. (S)

II. EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES

Understand the issues in selecting computers, network, and communication equipment	Lab Exercise
Produce a project proposal	Written Assignment
Track Project Completion	Lab Exercise
Install Hardware, Components, and Software	Lab Exercises
Configure the clients and servers	Lab Exercises
Produce configuration documentation	Written Assignment
Implement proper network security	Lab Exercises
Produce networks security documentation	
Train users	
Produce user training documentation	Written Assignment
Support and troubleshoot the network and PC's	Lab Exercises

III. OUTLINE OF TOPICS

- A. Define the Issues
- B. Identify Alternatives
- C. Create a Proposal
- D. Create and Make a Presentation
- E. Install Hardware

- F. Install Software
- G. Install Network
- H. Configure Network
- I. User Training
- J. Support
- K. Troubleshooting

IV. METHOD(S) OF INSTRUCTION

- A. Lectures
- B. Group Collaboration
- C. Hands-On Lab Work

V. REQUIRED TEXTBOOK(S)

None

VI. REQUIRED MATERIALS

Removable Storage Device (Flash Drive)

VII. SUPPLEMENTAL REFERENCES

Library Resources: Present offerings and anticipated texts, journals, video/audio tapes, software, etc.

VIII. METHOD OF EVALUATION

- A. Attendance 5%
- B. Participation/Lab Work 45%
- C. Written Assignments 50%

IX. ADA AA STATEMENT

Any student requiring special accommodations should inform the instructor and the Coordinator of Disability Support Services (Technology Center 101; phone 636-481-3169).

X. ACADEMIC HONESTY STATEMENT

All students are responsible for complying with campus policies as stated in the Student Handbook (see College website, <http://www.jeffco.edu>).

XI. ATTENDANCE STATEMENT

Regular and punctual attendance is expected of all students. Any one of these four options may result in the student being removed from the class and an administrative withdrawal being processed: (1) Student fails to begin class; (2) Student ceases participation for at least two consecutive weeks; (3) Student misses 15 percent or more of the coursework; and/or (4) Student misses 15 percent or more of the course as defined by the instructor. Students earn their financial aid by regularly attending and actively participating in their coursework. If a student does not actively participate, he/she may have to return financial aid funds. Consult the College Catalog or a Student Financial Services representative for more details.

XII. OUTSIDE OF CLASS ACADEMICALLY RELATED ACTIVITIES

The U.S. Department of Education mandates that students be made aware of expectations regarding coursework to be completed outside the classroom. Students are expected to spend substantial time outside of class meetings engaging in academically related activities such as reading, studying, and completing assignments. Specifically, time spent on academically related activities outside of class combined with time spent in class meetings is expected to be a minimum of 37.5 hours over the duration of the term for each credit hour.