

HIBBING COMMUNITY COLLEGE COURSE OUTLINE

COURSE NUMBER & TITLE: ITNS 2000: Computer Systems Internships

CREDITS: 2-6 (0 Lec / 0 Lab / 2-6)

PREREQUISITES: Consent of instructor if taken out of sequence

CATALOG DESCRIPTION:

Computer Systems Internships provides hands-on experience on various components of client/server computer environment. Students may install software applications, operating systems, troubleshoot software/hardware problems, install or repair network infrastructure, and assist computer users. Students are under the supervision of the Director of Technology or approved designee.

OUTLINE OF MAJOR CONTENT AREAS:

- I. Computer system functions and terms
- II. Install configure PC software/hardware applications
- III. PC operating system terms and functions
- IV. Install/configure PC operating system software/hardware
- V. PC computer peripheral components, functions, elements
- VI. Install/configure computer system peripherals
- VII. Network operating system terms, functions, elements and protocols
- VIII. Install/configure network operating systems
- IX. Network client configuration and use
- X. Network security
- XI. Network design and installation
- XII. Customer Service

COURSE GOALS/OBJECTIVES/OUTCOMES:

Students will

1. exhibit logical thought.
2. demonstrate thoroughness.
3. analyze customer needs.
4. observe safety procedures.
5. describe projects setup.
6. analyze project operation.
7. interpret project results.
8. evaluate project quality.
9. describe system concepts.
10. explain system terms.
11. analyze system needs.

12. operate/configure systems.
13. demonstrate system operation.
14. troubleshoot system operation.
15. run system diagnostics.
16. verify system security and quality.
17. explain software/hardware operation.
18. troubleshoot software and hardware operation.
19. explain network and Internet concepts.
20. verify network operation.
21. describe various networking and routing protocols.

MNTC GOALS AND COMPETENCIES MET:

N/A

HCC COMPETENCIES MET:

Working Productively and Cooperatively

STUDENT CONTRIBUTIONS:

Since this is usually an off campus class participated through a prospective or approved employer for the purposes of real time training, the student is expected to show up to work at the times specified by the training facility in a professional manner and attire. The instructor from Hibbing Community College will visit the employer to affirm the training is being done in accordance with this document.

**SPECIAL ASSESSMENT SHALL TAKE PLACE USING INSTRUMENTS
SELECTED/DEVELOPED BY THE COURSE INSTRUCTOR.**

**SPECIAL INFORMATION: (SPECIAL FEES, DIRECTIVES ON HAZARDOUS
MATERIALS, ETC.)**

AASC APPROVAL DATE: February 10, 2016
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REVIEW DATE: February 2021

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