Course Syllabus ITSC 2325

COURSE DESCRIPTION:
Safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Identify security threats and monitor network security implementations. Use best practices to configure operating systems to industry security standards.

PREREQUISITES, CO-REQUISITES and OTHER REQUIREMENTS:
ITSC 1307 UNIX Operating System I or ITSC 1316

TEXTBOOKS and REQUIRED MATERIALS/RECOMMENDED READINGS:

Required reading: Chapter 1 through Chapter 8

STUDENT LEARNING OUTCOMES:

Identify network security risks, security design, and monitoring solutions; identify sources of computer threats, evaluate potential practices, tools, and technologies to protect individual network systems; establish and sustain an operating system security plan utilizing systems and application security tools; implement procedures to secure and monitor audit logs and set system administrator alerts; and develop an organizational operating system security plan that provides for periodic reviews of security policies, procedures, authorized users list, and software update patches.

METHODS OF MEASUREMENT (grade requirements):

Each chapter is followed with an Exam given online by the Cisco Academy System. The exams are graded by Cisco and scores are given immediately. Labs and study guides will be considered as a part of your attendance. Cheating, texting, IMing, and idly surfing the web will not be tolerated.

End of Chapter Exams 10%
Quizzes, Homework, etc 20%
Final Exam 25%
Skill-Based Final Exam 30%
Daily Grade & Labs 15%

100%

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<tr>
<th>Semester</th>
<th>NVC Grade</th>
<th>Cisco Academy</th>
<th>Status – Advance to next Academy Level</th>
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<tr>
<th>Average</th>
<th>Grade</th>
<th>Note</th>
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<tbody>
<tr>
<td>90 – 100</td>
<td>A</td>
<td>A</td>
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<tr>
<td>80 – 89</td>
<td>B</td>
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<td>60 – 69</td>
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<td>F</td>
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<tr>
<td>Below 60</td>
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**NOTE:** A successful Cisco Academy student will pass the Skills Based Final exam with an 80% or better. An opportunity to retake an alternate Skills Based Final Exam will be given, however, the grade for the second exam attempt will be reduced by 10% or 1 letter grade.

GRADE APPEALS PROCESS:

If a student has an objection to a grade received, the following is the process to dispute the grade and must be followed in this order:

1. Informal resolution with the instructor
2. Written appeal to the instructor
3. Written appeal to the department chair
4. Written appeal to the college committee

STUDENT RESPONSIBILITIES:

A. Attendance

Effective Spring Term 2010, student absences will be recorded from the first day the class meets. Regular and punctual attendance in all classes and laboratories, day and evening, is required. Students who are absent for any reason should always consult with their instructors. Course syllabi must provide specific information regarding attendance, including, for courses involving the internet, online activity that constitutes “attendance.” Also, both tardiness and early departure from class may be considered forms of absenteeism. In all cases, students will be held responsible for completion of course requirements covered in their absence. Additionally, it is the student’s responsibility to drop a course for nonattendance.

Course instructors establish policy with regard to attendance in their respective syllabi and may drop a student for excessive absences. Absences are considered excessive when more than 12.5 percent of the total contact hours of instruction in a semester, including lecture and lab, are missed. For example, in a three-credit-hour lecture class, students may be dropped after more than six contact hours of absences. In a four-credit-hour lecture/lab class, students may be dropped after more than eight contact hours of absences. Absences are counted regardless of whether they occur consecutively. In special programs with additional accreditation or certification standards, additional attendance requirements may be enforced but faculty must clearly explain these policies in their syllabi.

Students who stop attending class for any reason should contact the instructor and the college registrar to officially withdraw from the class. Students may be required to consult with an advisor or designee before dropping. Failure to officially withdraw may result in a failing grade for the course. It is the student’s responsibility to withdraw officially from a class by submitting a completed Withdrawal Form to the Admissions and Records Office.
ADDITIONAL INSTRUCTOR REQUIREMENTS:

COLLEGE POLICIES:

A. All of the Alamo Colleges are tobacco free.

B. Alamo Colleges DPS Emergency Phone Numbers:
   Emergency Phone   (210) 222-0911
   General Phone     (210) 485-0099
   Weather Phone     (210) 485-0189 (For information on college closures)

Disability Access Statement – In accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act, it is the responsibility of the student to self-identify with the campus Disability Services office. Only those students with appropriate documentation will receive a letter of accommodation from the Disability Services office. Instructors are required to follow only those accommodation and/or services outlined in the letter of accommodation. For further information, please contact the Disability Services office at (210) 486-4466 or visit the office located in the Cyprus Campus Center, Rm. 204. If you have specific needs, please discuss them privately with your instructor.