**COLLIN COLLEGE**

**COURSE SYLLABUS**

Course Information

**Course Number**: ITSC 1316

**Course Title:** Linux Installation and Configuration

**Course Description:** Introduction to Linux operating system. Includes Linux installation, basic administration, utilities and commands, upgrading, networking, security, and application installation. Emphasizes hands-on setup, administration, and management of Linux. Lab required.

**Course Credit Hours:** 3

 Lecture Hours: 2

 Lab Hours: 2

**Prerequisite:** ITNW 1358 or consent of the Associate Dean.

**Student Learning Outcomes:**

* **State-mandated Outcomes:** Upon successful completion of this course, students will:
1. Install, administer, and manage a Linux system. (SCANS: F1 – F5, F7 – F16, C1, C6, C8, C10, C11, C13, C14, C15, C16, C18, C19)
2. Demonstrate proficiency with Linux utilities, commands, and applications. (SCANS: F1 – F5, F7 – F16, C1, C6, C8, C10, C11, C13, C14, C15, C16, C18, C19)
3. Identify and resolve security-based issues. (SCANS: F1 – F5, F7 – F16, C1, C6, C8, C10, C11, C13, C14, C15, C16, C18, C19)
4. Integrate a Linux system into an existing network. (SCANS: F1 – F5, F7 – F16, C1, C6, C8, C10, C11, C13, C14, C15, C16, C18, C19)

**Secretary’s Commission on the Acquisition of Necessary Skills (SCANS) -** SCANS skills are a group of foundational skills and workplace competencies that the Secretary’s Commission on the Acquisition of Necessary Skills established as vitally important for workplace success in the 21st century. In Collin’s workforce programs, the SCANS skills are developed and reinforced throughout the curriculum to provide students with an opportunity to hone these skills/competencies in the context of their education. Over the course of an entire degree program, the successful student is expected to demonstrate all of the SCANS skills and competencies as part of their education. The SCANS Foundation Skills and Workplace Competencies are described at: <http://www.collin.edu/academics/programs/Workforce_SCANS_Skills_Syllabi_Code_Key.pdf>

**Withdrawal Policy:** See the current *Collin Registration Guide* for last day to withdraw.

**Collin College Academic Policies:** See the current *Collin Student Handbook.*

**Americans with Disabilities Act Statement:** Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student’s responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.

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