GRAYSON COLLEGE
ITSC 1316 Course Syllabus

Please Note: Due to extenuating circumstances, including public health issues, course and testing delivery methods, instructional schedules, housing contracts, campus procedures and/or operating hours may be altered, interrupted and/or ceased for a limited or extended period of time. Such changes will be posted on the College website.

Course Information
ITSC1316 8wk, Linux Installation and Configuration, In Classroom

Type of Course/Delivery Mode/Testing Requirements
Face to Face course, Lecture 1 hrs/wk on campus, Lab 3 hrs/wk
Testing will be in classroom for Midterm and Final, Labs will be in class using provided lab systems

Professor Contact Information
John Dick, 903-463-8670, email dickj@grayson.edu, AT108B,
Office hours: By Appointment

Course Pre-requisites, Co-requisites, and/or Other Restrictions: *None*

Course Description – ITSC1316 is a study of the installation, configuration, and maintenance of Linux/Unix Operating Systems, including their history and use today. Discussion of the differences between Windows and Linux, and why Linux is the preferred operating system for many server applications.

Student Learning Outcomes – Install, Configure, Operate, Maintain a Linux System.
- **Teach the student to successfully install and run a Linux system**
- **Teach the student to manage user accounts**
- **Teach the student to understand and use common system commands,**
- **Teach the student find and read "Man Pages"**
- **Teach the student Linux file organization**
- **Teach the student common Linux processes and what they do**
- **Teach the student what redirecting IO means and how it is done**
- **Teach the student the text editors called VI**
- **Teach the student to write basic shell (BASH) Scripts**
- **Help the students understand Linux printer management**
- **Teach the student to perform Linux backups & system maintenance**
- **Teach the student to configure and control Linux networking**

Required Textbooks (ISBN # included) and Materials

<u>**Online Text:**</u>   **Introduction to Linux – A Hands on Guide**
http://tldp.org/LDP/intro-linux/intro-linux.pdf
* <u>**Note**</u>**: No lab book required. Labs will be assigned in class**

Required Assignments & Academic Calendar

In case of inclement weather, emergency closings, or other unforeseen disruptions to scheduled classes, student must log onto their Canvas accounts for directions on where or how to continue their coursework.

Outline of Topics Covered
- **What is Linux**
- **Linux Quickstart**
- **About Files and the File System**
- **Processes**
- **I/O Redirection**
- **Text Editors**
- **Home Sweet /home**
- **Printers and Printing**
- **Fundamental Backup Techniques**
- **Networking**
- **Creating a bootable flash drive to run Linux on**

Methods of Evaluation
Grading

Categories	Percentage
Labs	50
Avg of Midterm & Final	50

Grade Scale   90- 100 A
                          80 - 89   B
                          70 – 79 C
                          60 – 69 D
                            < 60   F

Students can check grades in CANVAS throughout the semester.

 *** ALL assignments are as indicated by the due date in Canvas, no late work will be accepted, and no "makeup assignments" will be available
*** More than two absences will result in a loss of two points from your final grade for each additional absence. This will be calculated at the end of the semester.

Methods of Instruction
The course will use lecture, videos, discussions and labs with hands on components

Course & Instructor Policies

There will be no makeup exams or extra credit or late work accepted. Class attendance will be expected. Students will not cheat or copy during the tests. If caught doing this the student will receive a grade of F for the class.

Class Attendance
Academic success is closely associated with regular classroom attendance and course participation.
All successful students, whether on campus or online, are expected to be highly self-motivated.
All students are required to participate in courses regularly and are obliged to participate in class activities and complete and submit assignments following their professors' instructions. Students taking courses during compressed semester time frames such as mini-mester, summer sessions, and mid-semester should plan to spend significantly more time per week on the course. Responsibility for work missed because of illness or school business is placed upon the student. More than two (2) absences are considered to be excessive. In addition, students' eligibility to receive financial aid or live in a College dormitory can be affected by withdrawal from courses. When withdrawal occurs, any tuition refund would be made in accordance with state regulations.

Student Conduct & Discipline
Students will be in their seats before the start of class. They will participate in class discussions and ask questions appropriate to the subject matter as needed. Safety is of the utmost importance in the classroom especially when labs are being done. Cell phones will be on silent and may only be answered outside of the classroom.

(1) The instructor will communicate with the students during class or via Canvas messages or thru **grayson.edu** email
(2) Online participation will be assessed and graded within the Canvas course shell
(3) The instructor will monitor the online activities of the students via Canvas submissions
(4) Students must have a basic knowledge of MS Windows, use of a computer, and basic internet abilities
(5) Students must have a Windows 7 or 10 computer, with internet access in order to complete their assignments. If a student does not have access to the necessary equipment they my use the computers in the lab rooms during normal business hours as long as there is not a class in session. Check in advance with your instructor for availability.

(6)   All work must be submitted via Canvas. If there is a problem with Canvas submission, you must let you instructor know about it at least 24 hours before an assignment is due. In other words, do not wait until the last minute to submit your work, then try to claim you had technical difficulties.

Academic Integrity
The faculty expects from its students a high level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrate a high standard of individual honor in his or her scholastic work.

Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, and the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. Plagiarism, especially from the web, from portions of papers for other classes, and from any other source is unacceptable and will be dealt with under the college's policy on plagiarism (see GC Student Handbook for details). Grayson College subscribes to turnitin.com, which allows faculty to search the web and identify plagiarized material.

Plagiarism is a form of scholastic dishonesty involving the theft of or fraudulent representation of someone else's ideas or words as the student's original work. Plagiarism can be intentional/deliberate or unintentional/accidental. Unintentional/Accidental plagiarism may include minor instances where an attempt to acknowledge the source exists but is incorrect or insufficient. Deliberate/Intentional plagiarism violates a student's academic integrity and exists in the following forms:

- Turning in someone else's work as the student's own (such as buying a paper and submitting it, exchanging papers or collaborating on a paper with someone else without permission, or paying someone else to write or translate a paper)
- Recycling in whole or in part previously submitted or published work or concurrently submitting the same written work where the expectation for current original work exists, including agreeing to write or sell one's own work to someone else
- Quoting or copy/pasting phrases of three words or more from someone else without citation, • Paraphrasing ideas without citation or paraphrasing incompletely, with or without correct citation, where the material too closely matches the wording or structure of the original
- Submitting an assignment with a majority of quoted or paraphrased material from other sources
- Copying images or media and inserting them into a presentation or video without citation,
- Using copyrighted soundtracks or video and inserting them into a presentation or video without citation
- Giving incorrect or nonexistent source information or inventing source information
- Performing a copyrighted piece of music in a public setting without permission
- Composing music based heavily on someone else's musical composition.

Student Responsibility

You have already made the decision to go to college; now the follow-up decisions on whether to commit to doing the work could very well determine whether you end up working at a good paying job in a field you enjoy or working at minimum wage for the rest of your life. Education involves a partnership that requires both students and instructors to do their parts. By entering into this partnership, you have a responsibility to show up for class, do the assignments and reading, be engaged and pay attention in class, follow directions, and put your best effort into it. You will get out of your experience here exactly what you put into it – nothing more and nothing less.

Title IX

GC policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status.

Furthermore, Title IX prohibits sex discrimination to include sexual misconduct: sexual violence (sexual assault, rape), sexual harassment and retaliation.

For more information on Title IX, please contact:

- Dr. Molly M. Harris, Title IX Coordinator (903)463-8714
- Ms. Logan Maxwell, Title IX Deputy Coordinator - South Campus (903) 415-2646
- Mr. Mike McBrayer, Title IX Deputy Coordinator - Main Campus (903) 463-8753
- Website: http://www.grayson.edu/campus-life/campus-police/title-ix-policies.html
- GC Police Department: (903) 463-8777- Main Campus) (903-415-2501 - South Campus)
- GC Counseling Center: (903) 463-8730
- For Any On-campus Emergencies: 911

**Grayson College is not responsible for illness/injury that occurs during the normal course of classroom/lab/clinical experiences.

**These descriptions and timelines are subject to change at the discretion of the Professor.

** Grayson College campus-wide student policies may be found at the following URL on the College website: https://www.grayson.edu/currentstudents/Academic%20Resources/index.html