

COP3931 – User-Level Intro to Linux

Spring 2014 Syllabus

1.0 Course Prefix, Number and Section:

COP 3931 sections 144 / 145

2.0 Course Title:

User-Level Introduction to Linux

Course Meeting Time(s) and Location:

- No mandatory class meeting – This is an Online Asynchronous offering.
- However, you are strongly encouraged to contact your instructor to set up one-on-one or small groups Elluminate or on-campus meetings in order to benefit from more interactive teachings.
- Other times than the official office hours will be accommodated as much as feasible.

3.0 Instructor Information:

Name	Alessio Gaspar
Email	alessio@usf.edu <ul style="list-style-type: none">- Use only for personal / private questions, the blackboard forums are for most course-related questions- If you don't hear from me within 48hrs, your email was lost, please re-send using blackboard's email tool- Use your USF email address to avoid your messages being spam-filtered- Make sure you do not have any binary attachments in your emails or inside a zip archive you are sending along. These would spam-filter you right away- Do not email me at alessio@mail.usf.edu it will not reach me
Address	University of South Florida in Lakeland Information Technology Division 3433 Winter Lake Rd, Lakeland, FL 33803 Office Location: LTB2181
Phone:	863 667 7088 – VERY slow response, use emails / forums instead
Office Hours	Tuesday noon to 3PM Office hours are held by prior email appointment only. Please specify if you want to meet on campus or using the Elluminate software. See "Elluminate Sessions" link on the blackboard site's left panel.
Other	Discussion forums will be used for any non-personal, learning-related questions

4.0 Course Prerequisites:

n/a

5.0 Course Description:

Introduction to the Linux operating system from a “power user” perspective; students will be guided to learn to use the desktop GUI of a major Linux distribution, command line tools and first steps in Bash scripting.

6.0 Course Objectives:

At the conclusion of the course, the student should be able to:

- Make recommendations on the suitability of various Linux-related technologies.
- Use and setup Linux modern distributions from the GUI
- Use the Bash shell & available tools proficiently

Based on the revised Bloom Taxonomy, such objectives encompass factual and procedural knowledge domains along with the following levels; Remembering, Understanding, Applying, Analyzing, Evaluating, Creating.

Students who enroll in this offering are expected to be already prepared to approach learning from a high cognitive level. Never hesitate to contact your instructor if you have questions about the above mentioned taxonomy, the expectations in this offering, or simply need help with learning as a process rather than questions specific to the material being taught.

Your instructor is here to help you learn to learn in addition to help you learn specific material.

Methods of Instruction:

Teaching Philosophy

This course is designed and taught with the philosophy that;

- (1) Faculty's primary role is to facilitate students' own learning, not to learn the material on their behalf or focus on exhibiting mastery of a field to a passive audience (archetype of the "sage on the stage"). To quote A. Fabel "*Real education – is not something performed on someone, nor is it something one gets; it's something one does for oneself*" ('The Computer as a Convivial Tool' in Haret & Papert (Eds.) Constructionism, 1991).
- (2) Students do not expect faculty to read aloud the textbook for them (classical 3hrs monologues with occasional colorful slide) but instead expect to be helped to internalize the concepts (e.g. discussion, active learning, peer learning) and practice them (e.g. hands-on activities, discovery learning). Confucius is credited to have said "*I hear and I forget, I see and I remember, I do and I understand*". Let's make sure we keep learning an interactive and active endeavor rather than a passive listening practice; no one ever got a degree from watching the discovery channel.
- (3) Everyone in the course has the highest expectations about ensuring that graduating from this course is based on developing new knowledge and skills. This means reliance on hard work rather than self-entitlement or favoritism.

Overview

Instruction will rely on various pedagogical strategies involving weekly graded and non-graded learning activities for which students will be assigned deadlines. **Non-graded learning activities are not optional and are essential to being able to successfully tackle the graded ones.** It is easy to fall behind in an online offering if deadlines are not enforced to pace the learning. Be aware that enrolling in this course means that you will have to abide to these deadlines and have enough time each week to complete your learning activities every week (graded or non-graded). Failure to do so will impact your performance.

7.0 Content Outline:

This offering will explore several topics essential to an introduction to Linux. Each topic will be addressed with one or more modules over one or several weeks. The topics include;

- Using the command line interface, aka "shell"
- Leveraging filters and regular expressions to process plain text data
- Working with the Linux file system
- Managing processes and jobs

8.0 Required Texts:

Guide to Unix and Linux

Harley Hahn, McGraw-Hill Higher Education, 2009

ISBN-10: 0-07-313361-2, ISBN-13: 978-0-07-313361-4

9.0 Assessment of Student Outcomes:

Make sure you use the gradebook to review your grades and feedback on the various items every week so you may monitor your progress.

Item	# available	Points For each	Points Total	Weight % of final grade
First Week Quiz	1	Special		
First Week Practice Assignment	1	Special		
First Week Introductions Forum	1	Special		
Graded Quizzes	11	~10	~109	20%
Graded Assignments / Exams	3	15	45	40%
Practice Assignments "PA"	8	3	24	20%
Participation to "DF" Forums	6	3	28	20%
Participation to "PL" forums	2	5		
Total Points Available				100%

First week assignments & first day attendance

During the first week the following assignments will be available;

- First Week Quiz
- First Week Practice Assignment
- First Week Introductions Forum

None of these are graded but they are mandatory as they will be used to establish first day online attendance. If, by the deadline announced, you have not done the following tasks, then, you will be marked as "absent" on the first day attendance roll;

- Obtained 100% available points on the quiz
- Uploaded via the practice assignment the required screenshot
- Posted an introduction in the appropriate forum

Important remarks about the first week quiz

- The quiz is on the syllabus, not the reading assignments
- You are able to take it multiple times, unlike the graded quizzes will use in the remainder of this offering. So you might take it, learn from your mistakes; take it again until you score the required 100% on it. Make sure you do this before the deadline
- You may verify whether you got this quiz right by looking at its gradebook entry
- Please note that, if you decide to drop from the offering, you still need to work with the registrar on ensuring you are properly dropped.

Graded Quizzes

- They will be administrated using blackboard and will allow students to evaluate their understanding of all the modules of a given week.
- You will have about one week to take such quizzes, deadlines will be announced by the instructor for the first module; the next modules will use the same routine.
- You are allowed to take the quiz a single time and need to complete it in one shot during the allotted time. If you experience a technical difficulty, email your instructor immediately with documentation of the problem you encountered. Under specific documented situations your attempt will be cleared and you will be allowed to retake the quiz. However, you need to understand that this is exceptional and only for situations which may be documented.

- The instructor is not required to grant you another attempt because you clicked on the wrong button. In face-to-face exams no one gets another try because they forgot how to write.
 - It is your responsibility to have a fast and reliable internet connection when enrolling in an offering which will rely on internet to provide you with material, communication and assess your performance. Similarly, in a face-to-face exam, you do not get to take the exam again because your pen ran out of ink.
- Such extra attempts will be granted only if you emailed details on what happened and documentation right when the problem happened.
 - Such extra attempts won't be granted as extension to the deadline. E.g. if you take the quiz 3 hours before the deadline, bump into a problem, email your instructor, get a response 2 hours later, then you have only 1 hour left
 - Such requests will be processed as time permit. Sending an email at 9pm the day of the deadline will most likely result in a response the next day, too late to grant another attempt.

Graded Assignments / Exams

They will be released 3 times during the semester. They will require you to apply what you have learned in the previous modules and generalize it to solve new problems. Any questions about these graded exams should be emailed to your instructor only. E.g. any question about what has to be done or issues you might be dealing with. Your submissions will be graded to evaluate how well you can apply what you learned. The last graded assignment will serve as comprehensive final too. It will be given during the approved University final examination period. Please see the USF Policies and Procedures Manual for more information.

Practice Assignments

It is recommended to spend many hours working on the practice assignments in order to develop the necessary skills to be successful with the graded ones.

The TA will be there to answer your questions about these practice assignments and help you out reach your own solution. Their role is not to provide you with a solution or solve the problems you can't solve but rather point you in the right direction.

If you submit the practice assignment by the announced deadlines, the TA will review them and provide feedback along with a grade assigned based on the following guidelines;

- 0 – Insufficient / not submitted in time / not using required format.
- 1 – Some effort but would fail if this was an exam. Think “D” or “F”.
- 2 – Satisfactory. Good work, would lead to a passing grade. Think “B” at most.
- 3 – Very good work, goes beyond minimal requirements. Think “A” grade.

You are allowed a single upload to each practice assignment. The same rules than for graded quizzes apply. Make sure you verify you are uploading the right file before to submit.

Participation to “DF” forums

Some modules have a “DF” or “Discussion Forum” activity. These are meant to get the discussion going in the group about a specific Linux technology. They involve internet searches or experimentations with your Linux virtual box. Make sure that you provide good references to justify anything you state in your posts in order to receive credit. Someone simply posting their unsubstantiated opinions or referencing bad sources of information, e.g. “Smith-the-internet-guy’s IT Blog”, will not receive credit.

The instructor evaluates what is “good enough” for credit in order to avoid having a few students spam forums with last minute, poor quality, posts which will only waste the time of the other students who want to learn. The grade for each DF forum will be assigned based on the following guidelines;

- 0 – Insufficient / not submitted in time / not using required format.

- 1 – Some effort but would fail if this was an exam. Think “D” or “F”.
- 2 – Satisfactory. Good work, would lead to a passing grade. Think “B” at most.
- 3 – Very good work; goes way beyond minimal requirements. Think “A” grade.

Participation to “PL” Forums

Other modules will rely on “peer learning” activities which we will perform using the blackboard forums. Participation to these will be a bit more involved and rewarded accordingly. If you do not post material satisfying the requirements, e.g. number of posts / deadlines, or post material of poor quality, you will not receive credit.

The instructor evaluates what is “good enough” for credit in order to avoid having a few students spam forums with last minute, poor quality, posts which will only waste the time of the other students who want to learn.

Extra Points

Extra points are not available every semester and are assigned at the discretion of the instructor to reward students who have shown outstanding contributions. Sometimes, end of semester surveys are made available & participation is rewarded with a few points. Regardless, plan on passing without any extra points.

10.0 Grading Criteria and/or Scale:

Grades will be on this scale (no final rounding up, 69 IS 69 and not 70)

100 – 90	A	4.0
80-89	B	3.0
70-79	C	2.0
60-69	D	1.0

11.0 Technology Information

Access to the Internet (World Wide Web) is required. Use of Firefox browser is recommended for compatibility with the Blackboard system, which is provided by the University of South Florida and is the courseware package to be utilized in this course.

YOU MUST HAVE a USF Student ID in order to sign up for your USF NetID that is required for access to Blackboard.

E-mail: Every enrolled USF student receives an official USF e-mail account. Every official USF correspondence to students is sent to that account. Students should go to the USF Information Technology website for “New User” information at <http://www.it.usf.edu>

12.0 USF Policies

Student Responsibility re: Academic Policies and Procedures

While advisors, directors, department chairs and campus administration are available to assist students in meeting academic regulations, policies and procedures, it is ultimately the student’s responsibility to be acquainted with all academic regulations, policies and procedures, and to meet all requirements.

Undergraduate Catalog	http://www.ugs.usf.edu/catalogs/catdl.htm
Graduate Catalog	http://www.grad.usf.edu/catalog.php

Intellectual Property

Taping lectures or classroom discussions is **not** permitted **without instructor's written authorization**. Notes, tapes of class lectures and discussions, or any material provided by the instructor cannot be sold.

Academic Support and Accommodations for Students with Disabilities

Students with disabilities are responsible for registering with the Office of Student Disabilities Services in order to receive special accommodations and services. Please notify the instructor during the first week of classes if a reasonable accommodation for a disability is needed for the course. A memorandum of accommodations from the USF Disability Services Office must accompany or follow this request during the first two weeks of the course. Verbal requests for accommodations are not authorized by the Academic Support and Accommodations for Students with Disabilities policy. A written memorandum of accommodation is required.

Attendance – Course Attendance at First Class Meeting

- Students are required to attend the first class meeting of courses for which they registered prior to the first day of the term. Names of students who register prior to the first day of the term are printed on the first class roll for each course section. The first class roll is used by professors to drop students who do not attend the first day of class.
- Students having extenuating circumstances beyond their control and who are unable to attend the first class meeting must notify the instructor or the department prior to the first class meeting to request waiver of the first class attendance requirement.
- Students who add courses or late-register during the first week of classes will **not** be on the first class roll and, therefore, will not be dropped for non-attendance by the instructor. **Students are responsible for dropping undesired courses in these categories by the 5th day of classes to avoid fee liability and academic penalty.**
- This policy is not applicable to courses in the following categories: Educational Outreach, Open University (TV), FEEDS Program, Community Experiential Learning (CEL), Cooperative Education Training, and courses that do not have regularly scheduled meeting days/times (such as, directed reading, or study, individual research, thesis, dissertation, internship, practica, etc.).
- **This offering being online asynchronous, we will not have a first class meeting per se. See section #9 above for details on how first day attendance will be taken.**

Illness

- Out of concern for your health and the health of those with whom you contact and work with in class, please do not travel to class if you are ill, especially if you have a fever and know that your illness is contagious. Notify the instructor either by phone or e-mail that you will not be attending class. If you should make the attempt to attend class, thinking that you are feeling better, and are visibly ill, the instructor reserves the right to send you home out of concern for you and others.
- For extended illness (e.g., missing three or more consecutive class sessions), the instructor reserves the right to require medical documentation for the necessity of the absences and clearance from a doctor that it is safe for you and others for you to return to class.

Medical or Family Emergency

If a medical or family emergency should occur and at the time you are not able to contact the instructor prior to class to indicate that you will be absent, take care of the emergency and notify the instructor of the absence and circumstances as soon as reasonable.

Religious Observances

Students who anticipate the necessity of being absent from class due to the observation of a major

religious observance must provide notice of the date(s) to the instructor, in writing, by the second class meeting.

Academic Dishonesty

- Plagiarism is defined as "literary theft" and consists of the unattributed quotation of the exact words of a published text, or the unattributed borrowing of original ideas by paraphrase from a published text. On written papers for which the student employs information gathered from books, articles or oral sources, each direct quotation, as well as ideas and facts that are not generally known to the public at large, must be attributed to its author by means of the appropriate citation procedure. Citations may be made in footnotes or within the body of the text. Plagiarism also consists of passing off as one's own, segments or the total of another person's work.
- Punishment for academic dishonesty will depend on the seriousness of the offense and may include receipt of an "F" with a numerical value of zero on the item submitted, and the "F" shall be used to determine the final course grade. It is the option of the instructor to assign the student a grade of F or FF (the latter indicating academic dishonesty) in the course.

Detection of Plagiarism

The University of South Florida has an account with an automated plagiarism detection service (SafeAssignment.com) which allows instructors to submit student assignments to be checked for plagiarism. I reserve the right to 1) request that assignments be submitted to me as electronic files and 2) electronically submit assignments to SafeAssignment.com, or 3) ask students to submit their assignments to SafeAssignment.com through myUSF. Assignments are compared automatically with a database of journal articles, web articles and previously submitted papers. The instructor receives a report showing exactly how a student's paper was plagiarized. For more information about SafeAssignment and plagiarism, go to <http://www.c21te.usf.edu> and click on Plagiarism Resources. More information about plagiarism can be found in the USF Undergraduate and Graduate catalogs.

Grade Dispute/Grievance

- The student must first make a reasonable effort to resolve his or her grade dispute or grievance with the instructor concerned, with the date of the incident triggering the dispute/grievance clearly identified (i.e., the issuance of a grade; the receipt of an assignment). The instructor will accommodate a reasonable request to discuss the grade or incident in question and will attempt to resolve the issue.
- If the situation cannot be resolved or the instructor does not respond to the student's attempts to contact the instructor, the student will file a notification letter **within three weeks of the triggering incident** to the USF Polytechnic Division Director. This should be a concise written statement of particulars and must include information pertaining to how, in the student's opinion, University policies or procedures were violated. The USF Polytechnic Division Director will provide a copy of this statement to the instructor and to the USF Polytechnic Assistant Vice President for Academic Affairs. **Grade disputes or issues that have not been identified by the student within 21 days of the triggering incident will not be considered.**
- If the situation cannot be resolved at the Division level, the USF Polytechnic Assistant Vice President for Academic Affairs will guide the student through the campus-level process. Additional information on the academic grievance process can be found in the Undergraduate and Graduate Catalogs.

Student Code of Conduct

The University of South Florida values a community based on the principles of integrity, civility, and

respect. As such, the USFP community expects students to behave in a manner that supports these principles. The Student Code of Conduct is a document which describes behavior that is counteractive to these principles and how the university will hold students accountable to those inappropriate behaviors.

13.0 Instructor-Specific Course Policies

Instructor's Right to Modify the Course Syllabus.

As the instructor of record for this course, I reserve the right to modify the course syllabus at any time during the course to address changes needed in content, course resources, assignments, due dates, etc.

Expectations in students' communications

- Use your USF official email address to send emails and make sure you refer the offering you are enrolled in along with the context of your question; e.g. "I am taking COP3515 IT Program Design and I have problems with quiz 302-Q, question #4"
- Be polite and respectful to your interlocutor at all times, regardless of their rank; e.g. student, TA, tutor, instructor...
- Insults, sarcasm, excessive punctuation marks or other violations of netiquette will not be tolerated. Students sending such emails will be added to the instructor's email spam filter and ignored without warning. The offending email which led to the ban will be forwarded to the department chair and dean for further processing. Depending on the nature of the offence, penalties for academic disruption will also be applied.

Other

- Check the course's sites for updates on a daily basis.
- Staying registered beyond the first week implies acceptance of this syllabus' terms.
- Anything not explicitly authorized in writing by the instructor, i.e. syllabus / announcements / emails / instructions, is considered disruptive or unethical behavior from students. If in doubt, you are expected to email your instructor to verify the appropriateness of a given behavior prior to engage in it.
- If a given communication from your instructor contradicts another, it is your responsibility to email your instructor to verify which policy is appropriate.
- Please make sure that you turn off your cellular phone during scheduled class meetings (online or face-to-face) and do not use your computer for non-course related purposes when engaged in Elluminate sessions.

13.1 Instructor-specific Additional Policies on Academic Dishonesty

- You are expected to work independently on all graded activities. Every graded work is required to be personal work only. Using material authored by others (e.g. found on the web, previous students, knowledgeable friends...) or seeking other peoples' advices besides the instructor is considered cheating.
- Any question about graded assignments can be only asked to your instructor.
- Any form of cheating or plagiarism will be sanctioned by a 'FF' grade for all party involved.
- Being unable to explain any aspect of the material you submitted to be graded as your own work will be considered the result of cheating and will be sanctioned the same way.
- The instructor reserves every right to use any possible mean to assert if a given student cheated or not. This may include, but is not limited to, (automatic) comparisons to other sources, questioning student(s), etc.

13.2 Instructor-specific additional policies on Grading

Grading Criteria and/or Scale

- No late assignments will be accepted. You are responsible for attempting your submissions ahead of time enough to allow you to seek help should a technical issue occur.
- No credit nor make-up for missed exams, quizzes or assignments
- Serious situations will be considered as exceptions to the above only with justifications (e.g. police, medical reports, etc) which will be investigated.
- There will be no “pre-grading” nor “proof-reading” of work you are expected to submit later as part of a graded learning activity. You will have opportunities to get feedback on practice assignments.
- Extra credit may or may not be available at the instructor’s discretion
- If there is a conflict with my final examination and another course exam you have, please let me know as soon as possible so that we can schedule a make-up exam for you.

Grades Errors

- Errors in grading are considered errors when the students is able to provide irrefutable evidence that his or her solution is [1] working and [2] in line with the requirements. Subjective considerations will not be taken into consideration nor will errors in interpreting the requirements.
- Errors in grading must be reported in detail to the instructor, by email. However, the instructor’s subsequent decision on the matter will be final. Further communications on that issue will be ignored. Grading is *not* a negotiation, any more than your future boss’ judgment of your work’s quality is.

Gradebook Usage

- Students are expected to monitor the blackboard gradebook daily.
- Students are expected to read the feedback on every grade as they are released. Questions should be emailed to your instructor only.
- The syllabus provides the designation of the graded assignments and how many points they are worth. This information will allow you to know at any time where you stand in the offering.

13.3 Instructor-Specific additional policies on Getting Help

As a student, it is your responsibility to work on both graded and non-graded assignments / quizzes / exercises regularly with the intent to develop your understanding of the material being taught. However, you should seize opportunities to get help with this task. This offering has many such opportunities readily available to support your learning.

“Support” Forum

- This is the first venue to post **any question meant to help you learn the material**; e.g. videos, readings, **non-graded** exercises, practice assignments...
- The instructor and TA will be monitoring these regularly to post responses.
- Do not post questions about graded material. Do not post about personal matters.

- Report here **any technology-related problems** you are encountering with blackboard, Elluminate, or any of the technologies we are using in this offering. E.g. “I’m unable to access quiz #3”, “Video XYZ won’t play”
- The instructor and TA will be monitoring these very frequently, using email alerts, to provide fast turnaround responses.
- If the instructor or TA are unable to solve your issue, you will be redirected to appropriate personnel

Emails to Instructor / Elluminate

- Email your instructor any questions related to any graded work, deadlines, syllabus, offering procedures, personal situations
- Email first to set appointments for online or face-to-face meetings
- It is a good idea to use the instructor as early on as possible to get help with this offering; e.g. tutoring through exercises to ensure you are working with the proper thought process.
- It is a good idea to email the instructor about any problems you might have with the learning activities or learning process in general. Help on “learning to learn” is often invaluable in tackling specific problems.

Emails to TA / Elluminate

- Email your TA any questions related to practice assignments
- Email first to set appointments for online or face-to-face meetings
- The TA will also provide you with feedback on the practice assignments you submit by the deadline. Email you TA if you need more detailed explanations on this feedback.
- Keep in mind that the TA, just like the instructor, is there to help you learn to reach your own solutions to practice assignments. Not to provide you with the solution.

13.4 Instructor-specific additional policies on Technology Requirements

User Agreement and Policies

Usage of any USF computer system is conditional to the acceptance of the following policy;

<http://it.usf.edu/standards/security/policy>

Your first access to the systems used in this course will constitute an implicit acceptance of the terms of these agreements.

Generic Computing Needs

- Availability and use of generic application software, word processing, database, spreadsheet, presentation; i.e. Microsoft Office package.
- A computer and operating system (i.e. Windows 7) capable to run the software required by this course.

- You are responsible for ensuring that your hardware and software are fully operational by the end of the first week of the course.

Internet Access **Fast and reliable** access to the Internet (World Wide Web) is required. Use browsers compatible with the Blackboard system.

Email Every official USF correspondence to students is sent to their USF email address. Students' emails sent to the instructor from another email address will be ignored.

Illuminate Synchronous communication tools (Illuminate) will be utilized during the semester. Information is available in the "Illuminate Sessions" link from the blackboard site's left panel.

To access these tools you will need to download the java webstart applet at: <http://www.illuminate.com/support> To log in for the first session an email with instructions will be sent to you, You will need to type a username and password. Information about this username and password will be in the email that you receive as well as the links for accessing our virtual classroom. **You will also need a computer headset with a microphone** to optimally utilize this software and participate in the online dialogue.

USF Illuminate Blog for participants-

<http://illuminate.blog.usf.edu/participants/>

Software Download and System check- <http://www.illuminate.com/support/>

Illuminate Participant Training and documentation-

<http://www.illuminate.com/support/docs/8.0/participant.jsp>

Technical Issues

- This is an online offering, we are using technology. Technology is not 100% reliable. Do not wait the last minute to submit assignments. Make sure you schedule your work to be able to recover from last minute technical difficulties. Failing to do so puts the responsibility in your camp, not the instructor's, not the blackboard team's, not the "internet".
- Make sure you verify the contents of the files you're about to upload for an assignment BEFORE to upload them.
- Make sure that you attach the files on the blackboard form before to submit. Yes, you need to select a file then click a button to attach it, then only submit it. This changed in blackboard 9.
- If you encounter a technical problem which cannot be documented, e.g.
 - o ISP "phantom" outage / Mysterious PC failure / Lost emails
 - o "I submitted it in blackboard but you didn't get it"
 - o ...You will not be granted extra delays to resubmit.
- Backup your files at home and do not wait to take an online exam during a big storm.

13.5 Instructor-specific policies on Getting Started with the Necessary Software

The following information will help you set up software you will be required to use during the course of the semester. Make sure you work your way through these instructions as soon as possible (i.e. early during the first week of class). Contact your instructor, TA, and the USF helpdesk immediately if you encounter problems. It is advised to do so through a post on the appropriate blackboard forum in the "discussion forums" section of the blackboard site.

Use Blackboard "Visual Editor"

Blackboard allows you to edit any text you post to forums and as responses to online exams in two modes. The most basic one only allows you to enter plain text and does not allow you to maintain proper indentation when typing source. The second is a "what you see is what you get" editor which features an icon bar over the text input area. **Always make sure to turn on the Visual Editor Version and to submit posts and exam responses which are properly indented. Failure to do so might result in loss of points after the first week.** If you are unsure about how to do this, contact immediately USF Blackboard support.

Taking exams / quizzes on blackboard

Students are expected to already know how to use blackboard upon enrolling in this offering. If you are unsure as to what this entails, contact immediately the USF Polytechnic Teaching and Learning Technology division for support. Last minute technical issues due to a lack of preparedness won't constitute a valid excuse.

Virtual Machine

To learn Linux without requiring you to install it on your windows machine, we will be using virtual machine software which will allow you to run a full-fledged virtual Linux system as simply as you would run an application. Make sure you download, install and test all the necessary software during the 1st week. Make sure you understand that this **specific software requires you to be connected to the internet in order to be able to compile your programs.**

14.0 Course Timeline and Agenda

The following is a tentative timeline which might be modified during the semester.

	Week #	Begins on	Module #	Lecture Topic	Exams x3	GQ x12	PA x8	DF x6	PL x2
	1	1/6	START RIGHT HERE	Getting Started		special		Special	
Weekly Online Modules	2	1/13	Mod-02	Using the Shell		GQ-02	PA-02	DF-02	
	3	1/20	Mod-03			GQ-03	PA-03	DF-03	
	4	1/27	Mod-04			GQ-04	PA-04		
	5	2/3	Mod-05			GQ-05	PA-05	DF-05	
	6	2/10			E1				
	7	2/17	Mod-06	Filters and Regular Expressions		GQ-06	PA-06	DF-06	
	8	2/24	Mod-07			GQ-07	PA-07		
	9	3/3	Mod-08			GQ-08	PA-08		
		3/10							
	10	3/17	Mod-09			GQ-09		DF-09	PL-09
	11	3/24			E2				
	12	3/31	Mod-10	File System		GQ-10		DF-10	PL-10
	13	4/7	Mod-11			GQ-11	PA-11		
	14	4/14	Mod-12	Processes and Jobs		GQ-12			
15	4/21		4/25 is last day for final – distance learning	E3					

Module #	Module's name. Please note that the numbering of modules is different than that of weeks.
Week begins on	Date of the Monday starting this specific week. New material is released on Mondays at 11:55PM
Week #	Week's number in the semester. Please note that we skip spring break week in this numbering.
Lecture Topics	Self Explanatory
Exams	Graded assignments
GQ	Graded Quizzes, 3 points each. See syllabus for first week quiz
PA	Practice Assignments
DF	Discussion Forums
PL	Peer Learning Forums