

IT 220 – Linux Essentials

Course Syllabus and Calendar – Winter 2010

Professor Don Colton

Brigham Young University Hawaii

1 Course Details

- **Course Number:** IT 220
- **Title:** Linux Essentials
- **Web:** <http://colton.byuh.edu/courses/it220/>
- **Course Description:** Introduces fundamental Linux skills including login, file system, chmod, find, tar, gzip, shell, grep, uniq, nice, and tcp/ip networking. (Prerequisite: CIS 101.)
- **Recommended Text:** none
- **Classroom:** GCB 101
- **Start/End:** Jan 7 to Apr 6, 2010
- **Class Time:** TTh 12:10 PM – 1:40 PM
- **Final Exam:** Apr 8, 1:00 – 2:50 PM

1.1 The Instructor

- **Instructor (me):** Don Colton
- **My email:** doncolton2@gmail.com
- **Website:** <http://colton.byuh.edu/>
- **My Office:** GCB 128
- **Office Hour:** Daily 9:50 AM – 10:50 AM

2 Grading

There are eleven workbooks in the RHA 030 course. Ten of these have tests. There are Lab Tests that require you to perform certain actions. There are Bubble Tests that require you to select answers from a multiple-choice list. Each test is worth 100 points. Each workbook has two tests. That makes a total of 20 tests, for 2000 points. Grading is done on a percentage basis as follow.

83+	A
80–82.9	A-
77–79.9	B+
73–76.9	B
70–72.9	B-
67–69.9	C+
63–66.9	C
60–62.9	C-
57–59.9	D+
53–56.9	D
50–52.9	D-
0–49.9	F

Completing the Red Hat Academy materials prepares you for the next Red Hat class which prepares you for the RHCT certification.

3 Calendar

We have about 14 weeks of class. Each week we have two 90-minute class periods. Normally we expect that students will spend two to three hours outside of class for every hour in class. A three-credit class will have three hours in class and six to nine hours outside of class.

Tuesday of each week will be spent introducing new material, discussing it in class, and answering your questions.

Early in the semester we will go over the actual Red Hat curriculum material as a group, with me reading large parts of it to you and us doing the exercises and questions together, out loud, discussing as we go.

Thursday of each week (or most weeks) will be spent mostly on taking tests, meaning the Lab Test and the (Multiple-Choice) Test.

Here is the schedule for the in-class exams:

Thu Jan 14 Workbook 1 Exams

Thu Jan 21 Workbook 2 Exams
 Thu Jan 28 Workbook 3 Exams
 Thu Feb 4 Workbook 4 Exams
 Thu Feb 11 Workbook 5 Exams
 Thu Feb 18 Mid-Term Make-Up / Re-Take
 Thu Feb 25 Workbook 6 Exams
 Thu Mar 4 Workbook 7 Exams
 Thu Mar 11 Workbook 8 Exams
 Thu Mar 18 Workbook 9 Exams
 Thu Mar 25 Workbook 10 Exams
 Thu Apr 1 (12:10 to 1:40) Make-Up / Re-Take
 Thu Apr 8 (1:00 to 2:50) Make-Up / Re-Take

3.1 Make-Up / Re-Take

On three of the Thursdays I have scheduled “Make Up / Re-Take” days. On these days (but only these days), you will be allowed to retake any test you want. You will also be allowed to take any test that you missed.

These three days are scheduled just in case you miss a test due to illness, or because you are on a team that is traveling, or you sleep in (class is at 12:10, but apparently it is still possible to sleep in).

Besides those three days, there will be **no** make-ups or re-takes. Be prepared for each test as it happens.

4 Standard Statements

All syllabi are encouraged or required to address certain topics. These are generally considered to be common sense, but we find that it is useful to mention them explicitly anyway.

4.1 Dress and Grooming Standards

The dress and grooming of both men and women should always be modest, neat and clean, consistent with the dignity adherent to representing The Church of Jesus Christ of Latter-day Saints and any of its institutions of higher learning. Modesty and cleanliness are important values that reflect personal dignity and integrity, through which students, staff, and faculty represent the principles and standards of the Church. Members of the BYUH community commit themselves to observe these standards, which reflect the direction given by the Board of Trustees and the Church publication, “For the

Strength of Youth.” The Dress and Grooming Standards are as follows:

Men. A clean and neat appearance should be maintained. Shorts must cover the knee. Hair should be clean and neat, avoiding extreme styles or colors, and trimmed above the collar leaving the ear uncovered. Sideburns should not extend below the earlobe. If worn, moustaches should be neatly trimmed and may not extend beyond or below the corners of mouth. Men are expected to be clean shaven and beards are not acceptable. (If you have an exception, notify the instructor.) Earrings and other body piercing are not acceptable. For safety, footwear must be worn in all public places.

Women. A modest, clean and neat appearance should be maintained. Clothing is inappropriate when it is sleeveless, strapless, backless, or revealing, has slits above the knee, or is form fitting. Dresses, skirts, and shorts must cover the knee. Hairstyles should be clean and neat, avoiding extremes in styles and color. Excessive ear piercing and all other body piercing are not appropriate. For safety, footwear must be worn in all public places.

4.2 Accommodating Special Needs

Brigham Young University Hawaii is committed to providing a working and learning atmosphere which reasonably accommodates qualified persons with disabilities. If you have any disability that may impair your ability to complete this course successfully, you are invited to contact the Students With Special Needs Coordinator at 808-675-3518. Reasonable academic accommodations are made for all students who have qualified documented disabilities.

4.3 Plagiarism

<http://en.wikipedia.org/wiki/Plagiarism> has a wonderful article on plagiarism. Read it if you are not familiar with the term. Essentially, plagiarism is when you present the intellectual work of other people as though it were your own. This may happen by cut-and-paste from a website, or by group work on homework. In some cases, plagiarism may also create a violation of copyright law. If you borrow wording from someone else, identify the source.

Intentional plagiarism is a form of intellectual theft that violates widely recognized principles of aca-

ademic integrity as well as the Honor Code. Such plagiarism may subject the student to appropriate disciplinary action administered through the university Honor Code Office, in addition to academic sanctions that may be applied by an instructor.

Inadvertent plagiarism, whereas not in violation of the Honor Code, is nevertheless a form of intellectual carelessness that is unacceptable in the academic community. Plagiarism of any kind is completely contrary to the established practices of higher education, where all members of the university are expected to acknowledge the original intellectual work of others that is included in one's own work.

On exams you are required to work from personal memory, using only the resources that are normally present on your computer. This means the exams are closed book and closed notes. However, you are nearly always allowed (and encouraged!) to test your answers by actually trying things on the computer where you are sitting. Students caught cheating on any exam will receive a grade of F for the semester, no matter how many points they may have earned, and they will be reported to the Honor Code office.

Faculty are responsible to establish and communicate to students their expectations of behavior with respect to academic honesty and student conduct in the course. Observations and reports of academic dishonesty shall be investigated by the instructor, who will determine and take appropriate action, and report to the Honor Code Office the final disposition of any incident of academic dishonesty by completing an Academic Dishonesty Student Violation Report. If the incident of academic dishonesty involves the violation of a public law, e.g., breaking and entering into an office or stealing an examination, the act should also be reported to University Police. If an affected student disagrees with the determination or action and is unable to resolve the matter to the mutual satisfaction of the student and the instructor, the student may have the matter reviewed through the university's grievance process.

4.4 Sexual Harassment

BYUH's policy against sexual harassment complies with federal Title IX of the Education Amendments of 1972 to protect university students from student-to-student sexual harassment both in and out of the

classroom setting. Any incidents of such student-to-student harassment should be reported to either the Director of Human Resources (293-3713) or the Honor Code Office (293-3531). Allegations of sexual harassment are taken seriously. Upon receiving a report of sexual harassment, the Director of Human Resources will take appropriate action to resolve and correct conditions resulting from individual perceptions or from inappropriate behavior.

4.5 Syllabus is Subject to Change

It is possible that I will revise aspects of the course as we go along. Any changes I make are likely to be to your advantage. If any of my changes seems unfair to you, let me know. I will try to correct it.