

9-2013

ITS 291.50: Special Topics - Securing the Desktop and Mobile Devices

Dianne Burke

University of Montana - Missoula, dianne.burke@umontana.edu

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Recommended Citation

Burke, Dianne, "ITS 291.50: Special Topics - Securing the Desktop and Mobile Devices" (2013). *Syllabi*. 232.
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The University Of Montana – Missoula College
Department of Applied Computing and Electronics
Course Syllabus

ITS291 Securing the Desktop and Mobile Devices

Credits: 4

Prerequisites: Successful completion of ITS 212, ITS 214, and ITS 222 or equivalent work experience.

Last Updated: Autumn 2013

Meetings:

Online: This is an online course which does not have face-to-face meetings. New content will be available to students Saturday mornings. In general, student work is due on Thursdays at 11:55 p.m.

Faculty Contact:

Dianne Burke
Office Hours (Autumn):

E-mail: dianne.burke@umontana.edu
Tu/Th 10:00 a.m. – 11:30 a.m. AD17A
Contact me for appointments at other times.

Please use your official UM email address for correspondence. University policy prevents staff from responding to personal email accounts (Yahoo, Hotmail, etc.)

When emailing, make sure to send email to the account I listed above. I am also a student here at UM (working on a doctorate in Education Leadership), and occasionally students will send email to my student account. I don't monitor my student account daily, and I don't want to miss important messages. One way to make sure I receive the message is to use the Quickmail interface in the upper right corner of the Moodle shell.

Course Description, Objectives, and Textbooks

Course Description:

The class provides an in-depth study of

Course Overview:

ITS 291 builds upon material introduced in....

Course Objectives:

Upon completion of this course:

Required Materials:

Course Structure, Assessment, and Grading

Topic Outline:

UNIT I -

UNIT II -

UNIT III -

Course Schedule:

The class will run for a total of 10 weeks. The first two weeks will consist of assessment to determine your level of background in the subject matter, and preparatory material to overcome any gaps in your knowledgebase. Once we've established a baseline of knowledge, we'll spend the remaining 8 weeks on course material.

Evaluation Procedures:

Grades will be assessed as follows:

| Assessment | Weight: |
|---------------------------------------|---------|
| Attendance | 10% |
| Review Questions | 10% |
| Research Assignments | 10% |
| Pre-Tests, Quizzes, and Written Exams | 30% |
| Skills Exams | 15% |
| Comprehensive Final Exam | 25% |

| Grading Scale: | Letter Grade: |
|----------------|---------------|
| 90-100% | A |
| 80-89% | B |
| 70-79% | C |
| 60-69% | D |

Review Questions:

As we cover each unit I will assign review questions over the material.

You'll usually have at least 1 week notice on all review questions. All submissions will be made to Moodle, through the appropriate interface (often in the form of a non-timed online quiz so I can simplify the grading).

Research Assignments:

We will have frequent research assignments where you'll be expected to find the answer to a question or scenario. You will turn in a written 'report' answering the question and you'll need to provide three citations to back up your answer. Research 'reports' are usually about half a page long and should be written with good grammar and complete sentences. Your citations should be URLs or other material specific enough for me to see the source of your answer.

You'll usually have at least 1 week notice on all research assignments. All submissions will be made to Moodle, and must be in PDF format.

Exams:

We will have written exams throughout the semester, one for each unit.

There will be skills exams where you'll be asked to perform certain tasks and demonstrate that you've successfully completed the activities.

The final exam is comprehensive and will be given in two parts – a written section and a skills section.

Due Dates/Times:

All exams are to be taken on the assigned date and time unless *prior* arrangements are made. Assignments are due by the indicated date and time.

Please stay on top of your due dates. Late work is not accepted.

Additional Course Information

Naming and Submitting Assignments:

For assignments that you upload to the Moodle shell, please use a word processor and submit in PDF format. (Please see the Course Information section of the Moodle Shell for information on generating PDFs.) Each written assignment should contain your name and section in the upper right corner of your paper. Save and name your documents using the following convention:

Lastname Firstname ITS210 Ax.y (where Ax.y is the assignment, such as A1.1, A2.3, etc.)

Students frequently contact me, explaining that they uploaded the wrong assignment or need to go back and correct something. If this happens, you can go into the Moodle shell and delete your submission, then upload the corrected version. This is available to you any time before the assignment deadline.

Professionalism:

All work performed in the course should be completed in a professional manner and be of business quality. Think of this semester as a dry run for your life in the business

world. In addition to doing your 'job' correctly and on time, demonstrate professionalism through your attention to detail and in particular, through your efforts in all written communications. Use complete sentences, avoid slang and texting shorthand (no lols, please), and use proper grammar. Employers often ask for writing samples or give you a writing test as part of the application/interview process, so use your assignments as an opportunity to practice this skill.

Changes to Syllabi:

I reserve the right to modify syllabi and assignments as needed based on faculty, student, and/or environmental circumstances. If changes are made to the syllabus, amended copies will be dated and made available to the class. I will make every effort to limit any changes after the start of the semester.

Online Information:

For online sections, the course is offered entirely online through UMOOnline. Face-to-face sections will use the online material to supplement class meetings and lab sessions. Audiocasts will be used to supplement reading materials. An Internet connection with reasonable (DSL) bandwidth is recommended.

Class materials will generally be available at the start of each week. Expect lessons to consist of a mixture of reading material, review questions, discussion boards, audiocasts, webcasts, and research activities.

Technical support is available through <http://umonline.umt.edu> and by telephone at 406.243.4357 for the IT Central Help Desk and 406.243.6394 for Moodle-specific questions.

University Regulations

Academic Conduct:

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at: http://life.umt.edu/VPSA/student_conduct.php

Using the Web to research materials and concepts is an integral part of learning in the twenty-first century. Studying with other students is a productive method of learning. A certain amount of collaborating on concepts with other students and using resources found on the Internet in an assignment is recommended. However, copy and paste is not acceptable. It is expected that each student will input his/her assignment into the computer, and each student must be able to explain answers to any assignment turned in. In other words, *type or write your own work, even if you collaborate with others on homework*. Collaboration on exams is strictly forbidden.

Despite this warning, I run into situations every semester where students work together and submit identical work. Please don't get into this situation!

Plagiarism:

Plagiarism will not be tolerated. If I suspect plagiarism, I will notify both the student(s) and the department chair as I investigate the situation. Assignments involving plagiarism will receive a 0. That said, I encourage research from a variety of sources, including discussions with your classmates. Make sure as you complete your assignments that everything is in your own words. Please don't copy material from other students. For projects with an assigned partner you are permitted to turn in collaborative work.

Disability Accommodations Policy:

Students with documented disabilities will receive appropriate accommodations in this course when requested in a timely manner. Please be prepared to provide a letter from the DSS Coordinator and a description of the requested accommodation after class or by appointment with me. Please submit your requests early in the semester or even before the start of class. Accommodations will be available after we've discussed your request, but will not be available retroactively. I want each student to succeed, and putting accommodations in place as soon as possible helps make that happen.