

MuPR 342 - Studio Systems, Maintenance and Networking
Credits: 2.0
Shenandoah Conservatory – Spring 2016

General Education designations:
None

Contact Information:
Instructor: Adam Olson
Office: Ruebush 137
Office telephone: 540-545-7285
Email: aolson@su.edu
Office hours: Posted outside office door and at bit.ly/aohours
Class website: su.studioprime.com

Course Description:
This course will prepare students to be able to follow basic schematics, align an analog tape machine, and improve efficiency on both Windows & Macintosh operating systems. Students will gain a working knowledge of system files and computer hardware & software. Gain a fundamental understanding of networking, audio over IP, and website file management.

Course Prerequisites:
MuPR 341 - Basic Electronics

Course Foundation:
Applied study demonstrates the following aspects of the Shenandoah University mission statement: "Development of an enduring passion for learning."

Required Texts and Materials:
Apple Pro Training Series: OS X Support Essentials 10.11: Supporting and Troubleshooting OS X El Capitan by Kevin M. White & Gordon Davisson
ISBN-13: 978-0134428208 \$69.99

Audio Over IP: Building Pro AoIP Systems with Livewire by Steve Church & Skip Pizzi
ISBN-13: 978-0240812441 \$73.00

Observance of copyright law is expected of all faculty, staff and students. All persons using copyrighted materials must become familiar with the requirements of the U.S. Copyright Act of 1976, including current supplements.

A summary of copyright law requirements is available, along with a list of sources of copyright information, on page 33 of the Applied Music Policies and Procedures manual, available at <http://www.su.edu/Applied-and-Procedures-Manual-09.pdf>.

Additional Expenses:
We will be attending ATR Services in York, PA for a daylong tape machine alignment seminar. ATR charges \$125 for their training or \$45.00 for returning students. We will leave Friday, February 6th, at 6:AM. Attendance is mandatory to pass this class.

Learning Outcomes:

Upon completion of this course, the student should be able to:

1. Calibrate an analog tape machine
2. Understand various forms of audio over network cable
3. Have a working knowledge of OSX and troubleshooting as well as what various system files are.
4. Know several useful applications for use in a working audio environment.
5. Basic knowledge of web development and web hosting.
6. Basic understanding of AppleScripting and other macro applications and their usefulness in productivity.

Evidence of Student Learning:

1. Students will attend an all day class on calibrating analog tape machines at ATR Services in York, PA (LO #1)
2. Students will give a presentation on audio over network and be tested on this knowledge as well as have hands on experience in class with networking (LO #2)
3. Reading material will be quizzed on for "OS X Support Essentials" for the current OS (LO #3)
4. Students will give a 10 minute presentation to the class on a topic/software of their choice that enhances audio workflow and will be tested on some of these softwares (LO #1)
5. Students will create a website that gives examples of their work and services that is reflective of their capabilities (LO #1)
6. Video and hands on coding of AppleScript and building macros will be done through homework and in class (LO #1)

Attendance Policy:

Tardiness: No participation credit will be given to tardy students. It is the student's responsibility to mark themselves as tardy on the roll; students not recording tardiness will receive an unexcused absence for the day. Tardiness beyond 15 minutes or being tardy three times constitutes an absence.

Absences: Only absences cause by official travel arranged by the University constitute an excused absence. Please personally email your instructor in addition to the official approved absence notification. Each class is equivalent to two classes so **no more than two unexcused absences before grade will be lowered to an F.**

Make-up Policy:

All assignments not turned in at the beginning of class on due date will be given half credit of the graded score. Assignments more than two weeks late will not be given credit.

Preparation and Participation:

Details of assignments will be discussed or handed out in class.

Email Policy:

Students are also responsible for checking email once every 24 hours Monday-Friday.

Cell Phone Policy:

Students will be dismissed from class for the day if cell phone rings during class. Students are expected to excuse themselves without instructor intervention. If there is a dire situation in which your cell phone must be left on please inform instructor before class and if possible please turn phone to vibrate only. This behavior is expected in nearly all-professional recording situations.

Students with Disabilities:

The Americans with Disabilities Act (ADA) prohibits discrimination against individuals with disabilities. Under ADA, a disability is defined as a physical or mental impairment that substantially limits a major life activity. If you need accommodations because of a disability, please register with the Office of Learning Resources and Services (located in the Academic Enrichment Center in Howe Hall, room 204) at the beginning of each semester, or as soon as possible, so that arrangements can be made. Accommodations are granted on a case-by-case basis with the support of proper documentation. Please call the office of Learning Resources and Services at 540-665-4928 or email dss@su.edu for information and/or to make an appointment to discuss your needs. You will find more information at: <http://www.student-life.su.edu/disability-services>

Honor Code:

The SU Honor Code prohibits lying, stealing, and cheating. As a faculty member of SU, I am dedicated to upholding the standards of academic integrity prescribed by the Honor Code, and I do not tolerate academic dishonesty for any reason. If I suspect a violation has occurred, I will take action. If you have questions about the Honor Code, please come talk to me or refer to Honor Code on the SU website. Logging in to a SU system with a SU issued login signifies that you are agreeing to abide by the SU Honor Code.

Inclement Weather:

Notice of class cancellations and campus closings will occur through the Emergency Alert System and will be placed on area radio and television stations, the SU Web site and the University phone system.

In incidences of class canceled due to campus closure, class material will be reorganized to absorb content and classroom work through regularly scheduled classes. In some cases assignments will be given in replacement of the contact hours.

Student Complaint Policy:

Shenandoah University affirms the right of students to bring forth complaints and is committed to resolving these matters in a fair, equitable and timely manner, so as to protect the rights of both the individual and the community. Refer to the student catalog for specific procedures.

Student Privacy:

Annually, Shenandoah University provides information to students concerning their rights under the Family Educational Rights and Privacy Act of 1974, as amended (FERPA). This act was designed to protect the privacy of education records and afford students certain rights with respect to their education records. Refer to the student catalog for specific procedures.

In compliance with FERPA, students 18 years of age or older must authorize contact between faculty members and their parents/guardians. Forms are available in the Conservatory Office and must be signed prior to any discussions between faculty members and student parents/guardians.

Student Support Services:

The Library online materials are available 24/7:
<http://www.su.edu/university-libraries>

The IC Help Desk are available 24/7:
<https://workorder.su.edu/helpdesk>

The Counseling resources are available at:
<http://www.student-life.su.edu/counseling-center-home>

Health Issues:

Students are expected to maintain a state of health that permits them to function in the instruction offered. Proper nutrition and adequate rest form the basis for this condition.

FERPA (aka Buckley Amendment)

Liability:

Students are responsible for protecting their personal instruments, music and other equipment, as well as Shenandoah University property checked out or assigned to them. When transport of personal equipment or instruments is necessary, reasonable care will be provided by Shenandoah University. Damages will be covered only when negligence on the part of Shenandoah University can be demonstrated. Shenandoah University assumes no responsibility for student-owned instruments and equipment left unattended in an unsecured site. All students are urged to insure their possessions against theft and damage.

MuPR 342 - Studio Systems, Maintenance and Networking

Grading scale:

A = 93% - 100%	B+ = 87% - 89%	C+ = 77% - 79%	D+ = 67% - 69%
A- = 90% - 92%	B = 83% - 86%	C = 73% - 76%*	D = 60% - 66%
	B- = 80% - 82%	C- = 70% - 72%*	F = 0% - 59%

*A grade of "C" (not C-) is required to pass this class.

Course Requirements

- 20% Papers:
 - Paper 1 – 10%
 - Paper 2 – 10%
- 20% Five to Ten Minute Class Presentations:
 - Presentation 1 – 10% - Studio Software
 - Presentation 2 – 10% - Networking Audio
- 10% Professional Website
- 10% AppleScript Project
- 30% Exams:
 - Mid-term 10%
 - Final exam 20%
- 10% Class participation & attendance:
 - Not tardy and actively engaged

COURSE CALENDAR

Week	Date	Audio Over IP	OSX Support Essentials 10.11	Exams & Due
1	Thursday, January 21, 2016			
2	Thursday, January 28, 2016	Chap. 1	Lesson 1 & 2	
3	Thursday, February 04, 2016	Chap. 2	Lesson 3 & 4	
4	Thursday, February 11, 2016	Chap. 3	Lesson 5 & 6	reading/paper 1 due
5	Thursday, February 18, 2016	Chap. 4	Lesson 7 & 8	
6	Friday, February 26, 2016	Chap. 5	Lesson 9 & 10	6AM Leave for ATR Services \$125.00 (no class on Thursday)
7	Thursday, March 03, 2016			Website Presentation; Mid-Term
Spring	Thursday, March 10, 2016		No Class Spring Break	
8	Thursday, March 17, 2016	Chap. 6	Lesson 11 & 12	
9	Thursday, March 24, 2016	Chap. 7	Lesson 13 & 14	
10	Thursday, March 31, 2016	Chap. 8	Lesson 15 & 16	
11	Thursday, April 07, 2016	Chap. 9	Lesson 17 & 18	AppleScript project due
12	Thursday, April 14, 2016		Lesson 19 & 20	
13	Thursday, April 21, 2016		Lesson 21 & 22	
14	Thursday, April 28, 2016		Lesson 23 & 24	
15	Thursday, May 05, 2016		Lesson 25 & 26	Paper 2 due

I have received, read, and understand the nature of and requirements for:

MuPR 342 - Studio Systems, Maintenance and Networking

Name Print: _____

Signature _____ Date _____