

## MUPR 101.101 & 102 – Recording Systems Design & Application

Credits: 2.0

Shenandoah Conservatory – Fall 2016

General Education designations:

None

Contact Information:

Instructor: Adam Olson

Office: Ruebush 137

Telephone: (540) 686-1232

Email: [aolson@su.edu](mailto:aolson@su.edu)

Office Hours: Posted outside office door and at [bit.ly/aohours](http://bit.ly/aohours)

Class Website: [su.studioprime.com](http://su.studioprime.com)

Course Description:

This course acquaints musicians with appropriate applications of hardware used to record musical performances.

Course Prerequisites:

None

Course Foundation:

Applied study demonstrates the following aspects of the Shenandoah University mission statement: “Development of an enduring passion for learning” & “to become better listeners, and to become contributing citizens of the world”

Required Texts and Materials:

“Modern Recording Techniques” 8<sup>th</sup> edition, by Huber ISBN: 978-0240821573 - \$49.95

“Assistant Engineer Handbook” by Sara Jones, ISBN: 0825672961 - \$19.95

*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>.*

Learning Outcomes:

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

1. Demonstrate understanding of the materials described under the course description
2. Be able to communicate that understanding as appropriate.

Evidence of Student Learning:

1. Student assisting sessions, exams. (LO #1)
2. Class participation, presentation & exams. (LO #2)

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](mailto: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 101 - Recording Systems, Design and Application I

Grading scale:

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

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

Course Evaluation:

- 15% Papers:
  - Paper 1 – Self evaluation & program evaluation 5%
  - Paper 2 – Recording study & review 10%
- 10% Class Presentation:
  - One 10 minute class presentation
- 10% Reading:
  - Complete all assigned reading
- 30% Exams:
  - Mid-term 10%
  - Final exam 20%
- 35% Class participation & assistantship:
  - 2 hours per week evening assisting (Sign up with Dan Ballas).

## COURSE CALENDAR

### MuPR 101 - Recording Systems: Design and Application I

Week	Date	Topics	Reading (M.R.T.= Modern Recording Techniques)	Exams & Due
Week 01:	Monday, 08/22/2016	Introduction to equipment & recording		
Week 02:	Monday, 08/29/2016	Sound and hearing	Chapters 1 & 2 M.R.T.	Paper 1: Self & Program Evaluation
Week 03:	Monday, 09/05/2016	<i>Labor Day</i>		
Week 04:	Monday, 09/12/2016	The audio console and routing	Chapter 14 M.R.T.	
Week 05:	Monday, 09/19/2016	Microphones	Chapter 4 M.R.T.	
Week 06:	Monday, 09/26/2016	Grounding	Chapter 13 M.R.T.	
Week 07:	Monday, 10/03/2016	Amplifiers & monitor speakers; Recording review assignment explained; Review for mid-term exam	Chapter 12 & 17 M.R.T.	
Week 08:	Monday, 10/10/2016	<i>Fall Break</i>		
Week 09:	Monday, 10/17/2016	Sound and acoustic principles	Chapter 3 M.R.T.	Midterm exam second half of class
Week 10:	Monday, 10/24/2016	Digital Audio Workstation	Chapter 7 M.R.T.	
Week 11:	Monday, 10/31/2016	Signal processing equipment	Chapter 15 & 16 M.R.T.	Paper 2: Recording review
Week 12:	Monday, 11/07/2016	Analog tape & recorders	Chapter 5 M.R.T.	
Week 13:	Monday, 11/14/2016	Recording in class		
Week 14:	Monday, 11/21/2016	Mix-down techniques	Review chapter 14	
Week 15:	Monday, 11/28/2016	Review; watch iTunesU Crossroads at Shenandoah University: "CR-Behind the Holiday Concert" <a href="http://bit.ly/17U1TAh">http://bit.ly/17U1TAh</a> TO BE UPDATED	Review all reading	

**Chapters 1-5, 8, 12-14 & 16 are to be read this semester.**

All other chapters to be read in MuPR 112 - Recording Systems: Design and Application II

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

MuPR 101 - Recording Systems, Design and Application I

Name Print: \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_