



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Music Technology  
**Course Number:** IMT250

### Required Materials

**Textbook(s):** Modern Recording Techniques, by David Miles Huber and Robert E. Runstein Focal Press, 9 ed. 2017. ISBN: 978-1138954373

**Required Readings:** None

**Additional Materials:** Headphones (over-ear, flat frequency response, bring to every class) A method of note taking (pen and paper preferred, computer clicking is distracting) Portable Data Storage (cloud storage preferred, physical storage should be SSD, not HDD, 16GB minimum)

### Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	<b>INTRODUCTION &amp; DAW REVIEW</b> <ul style="list-style-type: none"> <li>• Digital Audio Recording and Editing Review</li> <li>• Studio One 6 and Audio Interface Review</li> <li>• Readings: Chs 1, 2, 6, 7</li> <li>• In-Class Assignment</li> </ul>
Week 2	<b>MONITORING &amp; STUDIO DESIGN</b> <ul style="list-style-type: none"> <li>• STUDIO: Recording Studio Tour (installing board driver and connecting to Studio One)</li> <li>• <a href="#">Hearing Test</a></li> <li>• Create Studio One Template</li> <li>• Readings: Chs 3, 18</li> <li>• Soundscape Assignment</li> </ul>
Week 3	<b>MIXING BOARDS</b> <ul style="list-style-type: none"> <li>• STUDIO: Review Analog Mixing Board (basics only)</li> <li>• In Class Assignment</li> </ul>
Week 4	<b>MICROPHONES</b> <ul style="list-style-type: none"> <li>• STUDIO: Review Microphones, Phantom Power, Cable Wrapping</li> </ul>

<b>Week</b>	<b>Chapter/Topic/Lab</b>
	<ul style="list-style-type: none"> <li>• Quiz #1</li> <li>• Readings: Ch 4 pages 105-121</li> </ul>
Week 5	<b>MICROPHONE PLACEMENT TECHNIQUES</b> <ul style="list-style-type: none"> <li>• STUDIO: Review Miking Techniques</li> <li>• In Class Assignment</li> <li>• Readings: Ch 4 pages 122-153, 162-163</li> </ul>
Week 6	<b>MIKING DRUMS</b> <ul style="list-style-type: none"> <li>• In Class Assignment</li> <li>• Readings: Ch 4 pages 154-161</li> <li>• LMS Reading on The Three-Microphone Drum Kit Setup</li> </ul>
Week 7	Arrive to Studio five minutes before your scheduled time <ul style="list-style-type: none"> <li>• Midterm Exam (hands-on)</li> <li>• Quiz 2 (take home)</li> </ul>
Week 8	<b>EQUALIZERS</b> <ul style="list-style-type: none"> <li>• In Class Assignment</li> <li>• Readings: Ch 15 pages 411-419</li> <li>• LMS Reading on Resonant Frequencies</li> </ul>
Week 9	<b>DYNAMIC EFFECTS</b> <ul style="list-style-type: none"> <li>• In Class Assignment</li> <li>• Readings: Ch 15 page 420-431, Ch 16</li> <li>• LMS Reading on Compression vs Limiters</li> </ul>
Week 10	<b>TIME-BASED EFFECTS &amp; OTHER EFFECTS</b> <ul style="list-style-type: none"> <li>• In Class Assignment</li> <li>• Readings: Ch 15 pages 432-end</li> <li>• Quiz 3</li> </ul>
Week11	<b>MIXING &amp; MASTERING</b> <ul style="list-style-type: none"> <li>• In Class Assignment</li> <li>• Readings: Ch 11 pages 356-362, Ch 17</li> </ul>
Week 12	<ul style="list-style-type: none"> <li>• Work on Final Project</li> <li>• In Class Assignment</li> <li>• Quiz 4</li> </ul>
Week 13	<ul style="list-style-type: none"> <li>• Work on Final Project</li> <li>• In Class Assignment</li> </ul>
Week 14	<ul style="list-style-type: none"> <li>• Work on Final Project</li> <li>• In Class Assignment</li> </ul>
Week 15	<ul style="list-style-type: none"> <li>• Work on Final Project</li> <li>• Final Exam Review</li> <li>• In Class Assignment</li> </ul>
Week 16	<ul style="list-style-type: none"> <li>• Comprehensive Final Exam</li> </ul>