

# Middle Bucks Institute of Technology

Week 23 Lesson Plan for 02-07-22

Level 100

Program: Multimedia Technology

Teacher: James Davey

Day	Content <i>From PDE POS</i>	PA Core <i>Standards</i>	Skills/Objective <i>Demonstrate knowledge</i>	Activities <i>Using these methods to learn...</i>	Assessment <i>How am I evaluated?</i>
Monday	<ul style="list-style-type: none"> <li>• <b>604</b> Use video and audio effects and transitions.</li> <li>• <b>607</b> Identify types of microphones and pickup patterns.</li> <li>• <b>612</b> Monitor and record proper audio levels.</li> </ul>	C.3.5.11-12A C.3.5.11-12B C.3.5.11-12C Multi step process	<b>Adobe Audition</b> <ul style="list-style-type: none"> <li>• Multitrack editing</li> <li>• Waveform editing</li> <li>• Importing audio files</li> <li>• Sound equalization and filters Parametric, Graphic EQ, Echo</li> </ul>	Warmup: Three student Presentations (rolling) <b>Audio Exam</b> <b>Audio project #3:</b> Narrative <ul style="list-style-type: none"> <li>• Produce the narrative base on the rubric</li> </ul> (9:30) Safe2Say Activity SKILL Practice: Cable Coiling – independent <b>HW:</b> Generate an idea for a podcast. – you’re the expert	<ul style="list-style-type: none"> <li>• Employability rubric</li> <li>• Summative Audio Exam</li> <li>• Audio project #3 rubric</li> </ul>
Tuesday	<ul style="list-style-type: none"> <li>• <b>608</b> Apply story-telling concepts to a project.</li> <li>• <b>902</b> Identify file formats for use in media productions (Audio Formats).</li> <li>• <b>905</b> Identify different types of software, and general concepts related to software categories (Graphics, Video, Web, Word Processing, Audio).</li> </ul>	C.3.6.11-12D C.3.6.11-12F C.3.6.11-12G C.3.6.11-12H C.3.6.11-12I	<ul style="list-style-type: none"> <li>• Amplitude and Compression: DeEsser, Dynamic Processing, Hard Limiter, Normalize, Envelope</li> <li>• Modulation. Noise Reduction</li> <li>• Creating original sound effects</li> </ul>	<b>Audio project #3:</b> Narrative <ul style="list-style-type: none"> <li>• Edit Narrative #3 (Independently)</li> <li>• Finalize <i>Narrative</i> and export in mp3</li> </ul> <b>Adobe Audition Lesson #5</b> – Audio Restoration <ul style="list-style-type: none"> <li>• Instructor guided practice               <ul style="list-style-type: none"> <li>- Remove hisses, clicks and pops.</li> <li>- Minimize background noise</li> <li>- Remove undesired artifacts</li> </ul> </li> </ul> <b>HW:</b> write a script	<ul style="list-style-type: none"> <li>• Employability rubric</li> <li>• AA Waveform 05 rubric</li> <li>• Audio project #3 rubric</li> </ul>
Wednesday	<ul style="list-style-type: none"> <li>• <b>909</b> Recognize various cables used in current media productions.</li> <li>• <b>304</b> Describe the principles of Sound (including: Harmony, Melody, Ambient, Diegetic &amp; Non-Diegetic).</li> </ul>	Analyze, Synthesize Solve problems Experiment Evaluate Tech. context	<b>Audio Acquisition</b> <ul style="list-style-type: none"> <li>• Zoom H5n recorder operation</li> <li>• Record Audio: transfer files (Safety, menu, onboard mic)</li> <li>• Format media, mono, stereo, multitrack</li> </ul>	<b>Audio #4 – Podcast Episode:</b> Expert “How-to” <ul style="list-style-type: none"> <li>• Work independently (individual assignment)</li> <li>• Record your voice (narration)</li> <li>• Acquire fair use SFX and music.</li> <li>• Edit according to the rubric.</li> </ul> <b>HW:</b> Blog research early radio shows / listen. Generate ideas for your live radio project	<ul style="list-style-type: none"> <li>• Employability rubric</li> <li>• Podcast rubric</li> <li>• Blog rubric</li> </ul>
Thursday			<ul style="list-style-type: none"> <li>• monitor &amp; record proper levels,</li> <li>• How microphones work</li> <li>• Microphone types and selection</li> <li>• Polar patterns/Pick-up</li> </ul>	<b>Small Group Lab Activity</b> –Live music mixing <ul style="list-style-type: none"> <li>• Introduction and formal instruction</li> <li>• Guided &amp; student directed learning</li> </ul> <b>Audio #4 – Podcast Episode:</b> Expert “How-to” <ul style="list-style-type: none"> <li>• Project milestone</li> </ul>	<ul style="list-style-type: none"> <li>• Employability rubric</li> <li>• Podcast rubric</li> <li>• Formative lab exploration</li> </ul>
Friday				<b>Group Audio LAB (rotation)</b> <ul style="list-style-type: none"> <li>• Project milestone</li> </ul> <b>Audio #4 – Podcast Episode:</b> Expert “How-to” Project milestone <b>HW:</b> Journal blog	<ul style="list-style-type: none"> <li>• Employability rubric</li> <li>• Blog rubric</li> </ul>