

Middle Bucks Institute of Technology

Week 22 Lesson Plan for 01-31-22

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 Tuesday	<ul style="list-style-type: none"> • 604 Use video and audio effects and transitions. • 607 Identify types of microphones and pickup patterns. • 612 Monitor and record proper audio levels. • 608 Apply story-telling concepts to a project. 	<p>C.3.5.11-12A</p> <p>C.3.5.11-12B</p> <p>C.3.5.11-12C Multi step process</p> <p>C.3.6.11-12D</p> <p>C.3.6.11-12F</p> <p>C.3.6.11-12G</p> <p>C.3.6.11-12H</p> <p>C.3.6.11-12I</p>	<p>Adobe Audition</p> <ul style="list-style-type: none"> • Multitrack editing • Waveform editing • Importing audio files • Sound equalization and filters Parametric, Graphic EQ, Echo • Amplitude and Compression: DeEsser, Dynamic Processing, Hard Limiter, Normalize, Envelope • Modulation. Noise Reduction • Creating original sound effects <p>Audio Acquisition</p> <ul style="list-style-type: none"> • Zoom H5n recorder operation • Record Audio: transfer files (Safety, menu, onboard mic) • Format media, mono, stereo, multitrack • monitor & record proper levels, • How microphones work • Microphone types and selection • Polar patterns/Pick-up 	<p>Warmup –Research and write: dynamic range, and sound envelope</p> <p>Lecture – Presentation and Discussion equalizer, pad, compressor, gate, adapter-vs-connector, AC-voltage/Hz</p> <p>Audio project #2: Audio spot milestone</p> <ul style="list-style-type: none"> • Produce the spot <p>Adobe Audition Lesson #4 – Basic Audio Effects</p> <ul style="list-style-type: none"> • Student led, guided practice <p>HW: PowerPoint</p>	<ul style="list-style-type: none"> • Employability rubric • Audio project #2 rubric • AA Waveform 04 rubric • AA Waveform 05 rubric
Wednesday	<ul style="list-style-type: none"> • 902 Identify file formats for use in media productions (Audio Formats). • 905 Identify different types of software, and general concepts related to software categories (Graphics, Video, Web, Word Processing, Audio). 	<p>Analyze,</p> <p>Synthesize</p> <p>Solve problems</p> <p>Experiment</p> <p>Evaluate</p> <p>Tech. context</p>	<p>Audio Acquisition</p> <ul style="list-style-type: none"> • Zoom H5n recorder operation • Record Audio: transfer files (Safety, menu, onboard mic) • Format media, mono, stereo, multitrack • monitor & record proper levels, • How microphones work • Microphone types and selection • Polar patterns/Pick-up 	<p>Audio PPT and prepare for live simulcast feed</p> <p>Rotate between.</p> <ol style="list-style-type: none"> 1. SKILL LAB: Cable Coiling (small group) 2. Audio Presentation - Part II <p>HW: Blog – balanced & unbalanced cables – line level vs mic level</p>	<ul style="list-style-type: none"> • Employability rubric • Audio project #2 rubric • Formative check-off on cable coiling technique • Blog rubric
Thursday	<ul style="list-style-type: none"> • 909 Recognize various cables used in current media productions. • 304 Describe the principles of Sound (including: Harmony, Melody, Ambient, Diegetic & Non-Diegetic). 	<p>Analyze,</p> <p>Synthesize</p> <p>Solve problems</p> <p>Experiment</p> <p>Evaluate</p> <p>Tech. context</p>	<p>Audio Acquisition</p> <ul style="list-style-type: none"> • Zoom H5n recorder operation • Record Audio: transfer files (Safety, menu, onboard mic) • Format media, mono, stereo, multitrack • monitor & record proper levels, • How microphones work • Microphone types and selection • Polar patterns/Pick-up 	<p>Warmup – write (3) bold ideas for a narrative</p> <p>Intro. Audio Project #3 – review assignment</p> <p>Rotate between</p> <ol style="list-style-type: none"> 1. SKILL LAB: shotgun mic and fishpole 2. Group Audio Project #3, Narration <ul style="list-style-type: none"> • Review rubric, collaborate effectively to plan, write, record proper levels, and edit. <p>Posted: Adobe Audition Lesson #7 – Sound Design</p> <ul style="list-style-type: none"> • Instructor guided practice • Advanced: Sustain, Envelope Decay, Gate <p>HW: MindTap assignment (#21.2) in G-Classroom</p>	<ul style="list-style-type: none"> • Employability rubric • Audio project #3 rubric • AA-07 Audio EFX rubric
Friday				<p>Kahoot – Audio exam review</p> <p>Rotate between</p> <ol style="list-style-type: none"> 1. SKILL LAB: audio mixer terms and practical 2. Group Audio Project #3, Narration <ul style="list-style-type: none"> • Project milestone <p>Audio Presentation - Part II due today</p> <p>HW: Journal blog</p>	<ul style="list-style-type: none"> • Employability rubric • Final PowerPoint-2 rubric • Blog rubric