

Overall Welcome Script for Udemy

ANIMATION & VIDEO	AUDIO
<p>Plain backdrop with person narrating</p> <p>Maybe pop-up photos of the course thumbnails</p>	<p><u>NARRATOR</u></p> <p>Welcome to the Udemy 3D Printing Guide course! I will walk you through a series of videos that show you all the processes of 3D Printing and how to use 3D Printers!</p> <p>The first module shows us how to operate the pen plotter. This module will show you key concepts like point of origin, axis orientation, and more!</p> <p>In the second module, you will learn the basics of laser cutting, like line work and cutting sheets. You will need a laser cutting certification to begin this module.</p> <p>The third module focuses on the 3D printers here at Ball State.</p> <p>The fourth module presents basic concepts in mechanics and how to apply those ideas in design and fabrication.</p> <p>The fifth module is about Arduinio microcontrollers and how you can make interactive electronic objects.</p> <p>The sixth module is about [XXX].</p> <p>This Udemy course will be a great resource for you as you begin your 3D Printing journey. We are excited to teach you about Ball State's 3D Printers!</p>

Module 1 Welcome Script

ANIMATION & VIDEO	AUDIO
	<p><u>NARRATOR</u></p> <p>Hello! Welcome to module 1, Pen Plotting, where you will learn</p>

	<p>how to effectively use the Axidraw (XY) Pen Plotter.</p> <p>We will stick to design basics and focus on ensuring you are comfortable with the workflow of the machines.</p> <p>You are going to learn how to hand draw an image, scan it properly, trace the image with vector linework, and then use the vector linework to program the Axidraw pen plotter.</p> <p>Let's begin!</p>
--	--

Module 2 Welcome Script

ANIMATION & VIDEO	AUDIO
<p>Link to get certified: https://bsu.servicenow.com/helpdesk?id=sc_cat_item&sys_id=18f280a11b80f45412f30e1dcd4bcbd0</p>	<p><u>NARRATOR</u> It's great to see you again! In this module, you will learn about laser cutting. To access the laser cutters at Ball State, you need to be certified.</p> <p>This module will teach you how to use the computer-controlled machines to operate the laser cutter.</p> <p>Let's get started!</p>

Module 3 Welcome Script

ANIMATION & VISUAL	AUDIO
	<p><u>NARRATOR</u> Welcome back! In this module, you will learn the basics of 3D printing.</p> <p>This module is meant to develop your ability to assemble a functioning 3D printing file.</p> <p>We will walk you through model development and all the different models you can make, including 3D</p>

	<p>scanning; slicing, which is setting up a 3D print file; and printing.</p> <p>Let's get started!</p>
--	--

Module 4 Welcome Script

ANIMATION & VIDEO	AUDIO
	<p><u>NARRATOR</u> Great to see you again! This module will explore the functioning of simple mechanisms.</p> <p>You will gain a foundation of basic movements through a book by Keisuke Saka called <i>Karakuri: How to Make Mechanical Paper Models That Move</i>.</p> <p>You will also use 2D or 3D objects to create a series of actions. Then, you will integrate more complex configurations into manually operated or powered stepper motors.</p> <p>Let's get started!</p>

Module 5 Welcome Script

ANIMATION & VIDEO	AUDIO
	<p><u>NARRATOR</u> Welcome back! In this module, you will get a basic orientation to Arduino microcontrollers, an open-source electronic prototyping platform that enables users to create interactive electronic objects.</p> <p>More specifically, you will dive into the inner workings - both electrical and mechanical - of the machines that you have been learning to operate in previous modules by analyzing the relationships between inputs, processors, and end effectors.</p>

	<p>We will walk through circuit hardware, explore sample circuits, assemble a complex motor circuit, automate your design from module 4, and learn about coding.</p> <p>Let's begin!</p>
--	--

Module 6 Welcome Script

ANIMATION & VIDEO	AUDIO
	TBD