

# FAB Academy Diploma Completion Checklist

{~} Anna Kaziunas France

Unit #	Unit Topic + Assignments Checklist	Project Complete?	Documentation Complete?	Neil's Assignment Page
Unit 1:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Digital Fabrication Principles and Practices</b></li> </ul>	<b>YES</b>	<b>YES</b>	<b>digital_fabrication</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> week 1: design and document a self-reproducing machine - Shawn says not needed.</li> <li><input checked="" type="checkbox"/> I thought about self reproducing machines - and was inspired to write a seku poem about self replication by an image i stumbled across online.</li> <li><input checked="" type="checkbox"/> week 2: design and document a potential semester project</li> </ul> </li> </ul>	not needed	not needed	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Self-reproducing machine - Shawn says not needed</li> <li><input checked="" type="checkbox"/> Semester project</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Self-reproducing machine - Shawn says not needed</li> <li><input checked="" type="checkbox"/> Semester project</li> </ul> </li> </ul>	not needed	not needed	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Self-reproducing machine - Shawn says not needed</li> <li><input checked="" type="checkbox"/> Semester project</li> </ul> </li> </ul>	yes	yes	
Unit 2:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Computer-Aided Design, Manufacturing and Modeling</b></li> </ul>	<b>YES</b>	<b>YES</b>	<b>cad_cam_cae</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> design a 3D model of a potential semester project</li> <li><input checked="" type="checkbox"/> render it</li> <li><input checked="" type="checkbox"/> extra credit: physically model it (see TARDIS 3D Cast)</li> </ul> </li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Created 3-D model of TARDIS in Sketchup</li> <li><input checked="" type="checkbox"/> Physically Modeled it using wax molds and cast in hydrastone</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Created 3-D model of TARDIS in Sketchup</li> <li><input checked="" type="checkbox"/> Physically Modeled it using wax molds and cast in hydrastone</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Created 3-D model of TARDIS in Sketchup</li> <li><input checked="" type="checkbox"/> Physically Modeled it using wax molds and cast in hydrastone</li> </ul> </li> </ul>	yes	yes	
Unit 3:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Computer-Controlled Cutting</b></li> </ul>	<b>YES</b>	<b>YES</b>	<b>computer_cutting</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b> Make a press-fit construction kit</li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> Laser-cut cards construction kit</li> </ul>	YES	YES	
Unit 4:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Electronics Design and Production</b></li> </ul>	<b>YES</b>	<b>YES</b>	<b>electronics_design_production</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b> make and program the serial <a href="#">hello-world</a>:</li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> Hello Serial <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> NOTE: made multiple echo / serial boards for internet O and modified for embedded programming.</li> <li><input checked="" type="checkbox"/> Mill board</li> <li><input checked="" type="checkbox"/> Stuff board</li> <li><input checked="" type="checkbox"/> Troubleshoot</li> <li><input checked="" type="checkbox"/> Program board</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> Hello Serial <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> NOTE: made multiple echo / serial boards for internet O and modified for embedded programming.</li> <li><input checked="" type="checkbox"/> Mill board</li> <li><input checked="" type="checkbox"/> Stuff board</li> <li><input checked="" type="checkbox"/> Troubleshoot</li> <li><input checked="" type="checkbox"/> Program board</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> Hello Serial <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> NOTE: made multiple echo / serial boards for internet O and modified for embedded programming.</li> <li><input checked="" type="checkbox"/> Mill board</li> <li><input checked="" type="checkbox"/> Stuff board</li> <li><input checked="" type="checkbox"/> Troubleshoot</li> <li><input checked="" type="checkbox"/> Program board</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> Hello Serial <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> NOTE: made multiple echo / serial boards for internet O and modified for embedded programming.</li> <li><input checked="" type="checkbox"/> Mill board</li> <li><input checked="" type="checkbox"/> Stuff board</li> <li><input checked="" type="checkbox"/> Troubleshoot</li> <li><input checked="" type="checkbox"/> Program board</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Completed Project:</b> Fab ISB Board <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 1 board complete and programmed</li> </ul> </li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Completed Project:</b> Fab ISB Board <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 1 board complete and programmed</li> </ul> </li> </ul>	yes	yes	
Unit 5:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Computer-Controlled Machining</b></li> </ul>	<b>Yes - partially file complete, but not cut</b>	<b>Yes</b>	<b>computer_machining</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b> Make something big (shopbot)</li> </ul>	File complete - but not cut - I started Fab Academy late and could not get access to a shopbot before the end - but Shawn and I are working on it.	File complete - but not cut - I started Fab Academy late and could not get access to a shopbot before the end - but Shawn and I are working on it.	

Unit #	Unit Topic + Assignments Checklist	Project Complete?	Documentation Complete?	Neil's Assignment Page
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> Create project file</li> </ul>	YES	Yes	
Unit 6:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Embedded Programming</b></li> </ul>	<b>YES</b>	<b>YES</b>	<b>embedded_programming</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b></li> </ul>	<b>YES</b>	<b>YES</b>	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> read an AVR data sheet (ATTtiny 44)</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> make serial and programming cables</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Modify <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> add (at least) a button to the serial echo hello-world board</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> modify hello echo for FTDI</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> modify assembly to work with FTDI</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> modify the serial echo assembly program to respond to the button</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> modify the serial echo C program to respond to the button</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> Serial Echo (Hello Echo)</li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> mill board</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> stuff board</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> troubleshoot circuit</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> program board</li> </ul>	yes	yes	
Unit 7:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>3D Molding and Casting</b></li> </ul>	<b>YES</b>	<b>YES</b>	<b>molding_casting</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b> machine a mold and cast parts in it</li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> TARDIS multi-mold cast</li> </ul>	YES	YES	
Unit 8:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Collaborative Technical Development and Project Management</b></li> </ul>	<b>YES</b>	<b>YES</b>	<b>project_management</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Assignment:</li> </ul>			
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> build lab and personal pages in the class archive with your Fall work</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> posting to blog pages / documenting as I go</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Create "make anything" home page - project page</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Get AS220 space from shawn to link it all together.</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> contribute to tutorials in the class archive</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> prepare a schedule for your final project</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> revise schedule - puppet master project</li> </ul>	yes	yes	
Unit 9:	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>3D Scanning and Printing</b></li> </ul>	<b>YES</b>	<b>YES</b>	<b>scan_print</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b> print an object</li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b> scan an object</li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li><input type="checkbox"/> extra credit:</li> </ul>			
	<ul style="list-style-type: none"> <li><input type="checkbox"/> edit and print an object that you scanned</li> </ul>			
	<ul style="list-style-type: none"> <li><input type="checkbox"/> make the scanner</li> </ul>			
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> extra credit: make the printer</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> I put together the extruder head</li> </ul>	yes	yes	
Unit 10:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Sensors, Actuators, and Displays</b></li> </ul>	<b>YES</b>	<b>YES</b>	<b>sensors_actuators_displays</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b> interface an input device with an output device</li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Hello Step Response + Capacitive sensor</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Modified hello step response for FTDI</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Modify step response ASM to work with FTDI</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> Motion Sensing Glowing Skull</li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Completed with Arduino board</li> </ul>	yes	yes	
Unit 11:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Interface and Application Programming</b></li> </ul>	<b>YES</b>	<b>YES</b>	<b>implications_applications</b>

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	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b></li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Write a user interface for an input &amp;/ or output device</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b></li> </ul>	YES	YES	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Using a GUI to Control Processing Output with ControllIP5, Firmata via Serial</li> </ul> </li> </ul>	yes	yes	
Unit 12:	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Embedded Networking and Communications</b></li> </ul>	<b>YES - partially working</b>	<b>YES -partially working</b>	embedded_networking_communications
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Assignment:</b> build a network with at least two nodes</li> </ul> </li> </ul>	YES - but partially working	YES - but partially working	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Project: Hello Radio</b></li> </ul> </li> </ul>	Partial		
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Milled boards (wrong headers)</li> </ul> </li> </ul> </li> </ul>	yes		
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Re-Designing Boards</li> </ul> </li> </ul> </li> </ul>	working on it		
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> boards with correct headers</li> </ul> </li> </ul> </li> </ul> </li> </ul>	working on it		
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Ordered parts</li> </ul> </li> </ul> </li> </ul>	yes		
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> Stuff boards</li> </ul> </li> </ul>			
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> Troubleshoot</li> </ul> </li> </ul>			
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> Get boards talking</li> </ul> </li> </ul>			
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Project: Internet 0</b></li> </ul> </li> </ul>	<b>Complete</b>	<b>Complete</b>	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Milled out boards:</li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 2 leaf nodes</li> </ul> </li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 1 serial</li> </ul> </li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 1 hub</li> </ul> </li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> made cables + headers</li> </ul> </li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Stuff Boards</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Troubleshoot</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Programming Boards</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> Working Network?</li> </ul> </li> </ul>	not completely - partially working	not completely - partially working	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> had some trouble getting the network to work properly</li> </ul> </li> </ul> </li> </ul>		yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> boards talked to each other - lights would blink on and off on opposite note when the button was pressed - but could not communicate with the computer.</li> </ul> </li> </ul> </li> </ul>		yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> I redesigned / modified a hello echo board / serial board to use a FTDI header to use in place of the non-working serial board, but I still couldnt get it to work properly.</li> </ul> </li> </ul> </li> </ul>		yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project: Infrared Network</b></li> </ul> </li> </ul>	<b>Complete</b>	<b>Complete</b>	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Milled out boards:</li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 2 leaf nodes</li> </ul> </li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 1 serial</li> </ul> </li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 1 hub</li> </ul> </li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> made cables + headers</li> </ul> </li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Stuff Boards</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Troubleshoot</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Programming Boards</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Working Network?</li> </ul> </li> </ul>	- partially working	partially working	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> I modified a David Mellis' IR boards and code to use a Attiny 84v (we are out of the 45's and the 44's in the lab.</li> </ul> </li> </ul> </li> </ul>			
Unit 13:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Machine Design</b></li> </ul>	<b>yes</b>	<b>yes</b>	machine_design
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Assignment:</b> Make a machine (group project)</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Project:</b> Mantis Milling Machine</li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> I glued some parts</li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> I put together the spindle</li> </ul> </li> </ul> </li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> I documented the spindle assembly</li> </ul> </li> </ul> </li> </ul> </li> </ul>	yes	yes	

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	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Document The Mantis</li> </ul>	yes	yes	
Unit 14:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Digital Fabrication Applications and Implications</b></li> <li><input checked="" type="checkbox"/> <b>Assignment:</b></li> </ul>	yes	yes	digital_fabrication
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> complete missed assignments (working on it)</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> document missed assignments</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> contribute to and translate tutorials</li> </ul>			
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Basic AVR Gavrasm tutorial</li> </ul>			
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> write tutorial on compiling gravgasm / installing free pascal on os X 10.4.11 tiger</li> </ul>			
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> develop a page describing your final project, including a timeline for the steps and schedule for its completion</li> </ul>	yes	yes	
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> read over resources on assignments page</li> </ul>	yes	yes	
Unit 15:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Invention, Intellectual Property, and Business Models</b></li> <li><input checked="" type="checkbox"/> <b>Assignment:</b> develop a plan for distributing your final project</li> </ul>	YES	YES	
		YES	YES	
Unit 16:	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Digital Fabrication Project Development</b></li> <li><input checked="" type="checkbox"/> final project documentation</li> </ul>	YES	YES	Final project not complete.....
		YES	YES	