Lucas, Joshua, Hannah, L+J, L+H, J+H, Team	Week of 1/19	Week of 1/26	Week of 2/2	Week of 2/9	Week of 2/16	Week of 2/23	Week of 3/1	Week of 3/8	Week of 3/15	Week of 3/22	Week of 3/29	Week of 4/5	Week of 4/12	Week of 4/19	Week of 4/26	Week of 5/3
Course Logistics																
Proposal Presentation			Hannah ✓													
Design Presentation						Joshua ✓										
Write Design Paper						Team ✓								Team		
Make Video Documentation															Team	
Final Presentation															Lucas	
Final Demo																Team
Research																
Research translating g-code into images			Hannah	✓												
Research camera views				Joshua	✓											
Trade Study for Camera			L+H		✓											
Trade Study for Camera Lenses			L+H		✓											
Explore Device Positioning on 3D Printers				Team	✓											
Explore Remote 3D Printer Access				Team	✓											
Trade Study on TOF Rangefinder Lasers				J+L	~✓											
Research OctoPrint Plugin Development						Lucas	✓									
Re-Do Trade Study on TOF Rangefinder Lasers							J+L✓									
Software Design																
Design edge detection (block diagram, documentation, etc.)				Hannah	✓											
Design g-code visualizer (block diagram, documentation)				J+H	✓											
Set Up OctoPrint Plugin Development Environment						Lucas	~x									
Implement System State Machine						Joshua	~x									
Write blob/edge detection function											Joshua					
Write g-code parser function											Hannah					
Write g-code visualizer (full 3D model STL File Generator)											Hannah					
Write g-code visualizer (sliced 3D model STL File Generator)												Hannah				
Write g-code visualizer (sliced 3D model to projected 2D image)												Hannah				
Write print comparison Function													Joshua			
Write RT Warning Notification Functionality													Joshua			
Integration																
Set Up OctoPrint on Ramps 1.4 with baseline webcam						Lucas ✓										
Load error detection plugin onto OctoPrint																
Unit Testing											J+H					
Test Error Detection System														Team		