

### Spring Project Plan

Spring 2025 Project Plan				
Milestones	Work Packet	Tasks	Due Date	Completed
NFPA Midway Review	Make Presentation	Work Done	24-Jan-25	No
		Lessons Learned		No
		Design Selection		No
		Component Selection		No
		Hydraulic Design		No
	Finish Presentation	Revise and Edit Presentation	31-Jan-25	No
		Practice Presentation		No
		Present Presentation		No
Virtual Design Review 4	Make Presentation	Recap of Current Work	Jan/Feb	No
		Future Work		No
	Finish Presentation	Revise and Edit Presentation		No
		Submit Presentation		No
		Practice Presentation		No
		Present Presentation		No
	Assembly	Assembly of Vehicle		Receive Purchased Frame
Adapt Changes to Purchased Frame			No	
Assembly of Hydraulic System		Receive Hydraulic Parts	No	
		Assemble Hydraulic Parts	No	
		Place on Frame	No	
Assembly of Electronic Testing		Receive Electronic Parts	No	
		Assemble Electronic Parts	No	
		Place on Frame	No	
Testing		Vehicle Testing	Test if Vehicle is structurally sound	Feb/March
	Test bike manuerability and motion		No	
	Test Braking		No	
	Safety Inspection		No	
	Electronic Testing	Display Testing	No	
		Sensor Testing	No	
		Safety Inspection	No	
	Hydraulic Testing	Test Direct Drive	No	
		Test Boost mode	No	
		Regenerative Braking mode	No	
		Test Boost Hybrid mode	No	
		Safety Inspection	No	
Virtual Design Review 5	Make Presentation	Recap of Current Work	Feb/March	No
		Future Work		No

	Finish Presentation	Revise and Edit Presentation		No
		Submit Presentation		No
		Practice Presentation		No
		Present Presentation		No
Virtual Design Review 6	Make Presentation	Recap of Current Work	March	No
		Future work		No
	Finish Presentation	Revise and Edit Presentation		No
		Submit Presentation		No
Practice Presentation		No		
	Present Presentation	No		
Engineering Design Day	Make Presentation	Gather Pictures	25-Mar-25	No
		Make Poster		No
	Finish Presentation	Revise and Edit Poster	1-Apr-25	No
		Submit Poster		No
Practice Poster		No		
	Present Poster	No		
NFPA Fluid Power Vehicle Competition	Ship Vehicle to Ames, IA	Disassemble Vehicle	13-Apr-25	No
		Package Safely		No
		Ship Vehicle		No
	Travel to Ames, IA	Get together	22-Apr-25	No
		Get in Plane		No
		Stay at Hotel		No
		Rent Car		No
	Compete at Ames, IA	Assemble Vehicle	23-Apr-25	No
Ready Driver		No		
Practice Presentation		No		
Present Presentation		No		
Vehicle Design Review	Make Presentation	Design Pitfalls	April	No
		Improvements/Suggestions for future teams		No
	Finish Presentation	Edit and Revise		No
		Present Presentation		No
Graduation	Finals	Study for Finals	29-Apr-25	No
		Take the Finals		No
		Pass Finals		No
	Graduate	Sign up for Graduation	03-May-25	No
		Attend Graduation		No