

MILESTONE 1: WBS

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Florida State University, Panama City

EML 4551C – Senior Design 1

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# SENIOR DESIGN: ROBOBOAT

LEVEL	TASK	PERCENTAGE	STATUS	PERSON(S)
1.0	ROBOBOAT PROJECT	100%	In Progress	Team
1.1	Milestone 1: WBS	2%	In Progress	Team
1.1.1	<i>-Break down the project milestones into the work that must be done to complete these items.</i>	2%	In Progress	Bryson Potts
1.2	Milestone 2: PROJECT CHARTER	15%	Not Started	
1.2.1	<i>-Create a Mission Statement</i>	1%	Not Started	Bryson Potts
1.2.2	<i>-Create a Project Description</i>	2%	Not Started	Joseph Earnest
1.2.3	<i>-Identify market</i>	1%	Not Started	Manning Owens
1.2.4	<i>-Identify Stakeholders</i>	1%	Not Started	Steven Harrington
1.2.5	<i>-Develop Assumptions</i>	1%	Not Started	Tamara Mccaskill
1.2.6	<i>-Define Key Goals</i>	2%	Not Started	Bryson Potts
1.2.7	<i>-Assign Team Roles and Responsibilities</i>	1%	Not Started	Joseph Earnest
1.2.8	<i>-Create a Communication Policy</i>	1%	Not Started	Manning Owens
1.2.9	<i>-Develop a Dress Code Policy</i>	1%	Not Started	Steven Harrington
1.2.10	<i>-Develop an Attendance Policy</i>	1%	Not Started	Tamara Mccaskill
1.2.11	<i>-Create Statement of Understanding</i>	1%	Not Started	Bryson Potts
1.2.12	<i>-Develop Code of Conduct Policy</i>	1%	Not Started	Joseph Earnest

1.2.13	<i>-Submit a hard copy on canvas</i>	1%	Not Started	Manning Owens
1.3	<b>Milestone 3: CUSTOMER NEEDS</b>	8%	Not Started	
1.3.1	<i>-Develop a Customer Needs Statement</i>	2%	Not Started	Steven Harrington
1.3.2	<i>-Create questions to ask customer</i>	2%	Not Started	Tamara Mccaskill
1.3.3	<i>-Create customer responses</i>	2%	Not Started	Bryson Potts
1.3.4	<i>-Describe how customer needs are being turned into a specification</i>	2%	Not Started	Joseph Earnest
1.4	<b>Milestone 4: FUNCTIONAL DECOMPOSITION</b>	5%	Not Started	
1.4.1	<i>-Create a functional decomposition chart for boat (using software)</i>	1%	Not Started	Mannning Owens
1.4.2	<i>-Identify major functions</i>	1%	Not Started	Steven Harrington
1.4.3	<i>-Identify sub-functions</i>	1%	Not Started	Tamara Mccaskill
1.4.4	<i>-Explain how sublevels correlate to the high level function of each column</i>	1%	Not Started	Bryson Potts
1.4.5	<i>-Identify physical action and expected outcome</i>	1%	Not Started	Joseph Earnest
1.5	<b>Milestone 5: PHASE 1 DESIGN REVIEW</b>	14%	Not Started	
1.5.1	<i>- Develop and submit presentation</i>	2%	Not Started	Manning Owens
1.5.2	<i>- Introduction</i>	2%	Not Started	Steven Harrington
1.5.3	<i>- Project Brief Summary</i>	2%	Not Started	Tamara Mccaskill
1.5.4	<i>- Background</i>	2%	Not Started	Bryson Potts
1.5.5	<i>- Design Status</i>	2%	Not Started	Joseph Earnest
1.5.6	<i>- Project Plan (schedule and budget)</i>	2%	Not Started	Manning Owens

1.5.7	- Score team being observed	2%	Not Started	Steven Harrington
1.6	<b>Milestone 6 : TARGETS</b>	8%	Not Started	
1.6.1	- Generate and log the targets	2%	Not Started	Tamara Mccaskill
1.6.2	- Write summary of the targets	2%	Not Started	Bryson Potts
1.6.3	- Write summary of how targets were established	2%	Not Started	Joseph Earnest
1.6.4	- Write about the targets that interest the customer (customer needs)	2%	Not Started	Manning Owens
1.7	<b>Milestone 7: CONCEPT GENERATION</b>	4%	Not Started	
1.7.1	- Generate and submit concepts	1%	Not Started	Steven Harrington
1.7.2	- 5 Medium Fidelity Concepts	1%	Not Started	Tamara Mccaskill
1.7.3	- 3 High Fidelity Concepts	1%	Not Started	Bryson Potts
1.7.4	- 100+ Concepts made	1%	Not Started	Joseph Earnest
1.8	<b>Milestone 8 : CONCEPT SELECTION</b>	5%	Not Started	
1.8.1	- Using an engineering decision making document, designate a winning concept	1%	Not Started	Manning Owens
1.8.2	- House of Quality	1%	Not Started	Steven Harrington
1.8.3	- Pugh Charts	1%	Not Started	Tamara Mccaskill
1.8.4	- AHP	1%	Not Started	Bryson Potts
1.8.5	- Final Selection	1%	Not Started	Joseph Earnest
1.9	<b>Milestone 9: PHASE 2 DESIGN REVIEW</b>	10%	Not Started	
1.9.1	- Develop and submit presentation	1%	Not Started	Manning Owens

1.9.2	- <i>Targets</i>	1%	Not Started	Steven Harrington
1.9.3	- <i>Concept Generation</i>	2%	Not Started	Tamara Mccaskill
1.9.4	- <i>Concept Selection</i>	3%	Not Started	Bryson Potts
1.9.5	- <i>Design Status</i>	1%	Not Started	Joseph Earnest
1.9.6	- <i>Future Plans</i>	1%	Not Started	Manning Owens
1.9.7	- <i>Score team being observed</i>	1%	Not Started	Steven Harrington
1.10	<b>Milestone 10: BILL OF MATERIALS</b>	2%	Not Started	
1.10.1	- <i>Develop and submit the Bill of Materials</i>	1%	Not Started	Tamara Mccaskill
1.10.2	- <i>Bill of Materials</i>	1%	Not Started	Bryson Potts
1.11	<b>Milestone 11: PROTOTYPE PLAN</b>	1%	Not Started	
1.11.1	- <b>No current information available</b>	1%	Not Started	Joseph Earnest
1.12	<b>Milestone 12: RISK ASSESSMENT</b>	4%	Not Started	
1.12.1	- <i>Complete and submit the safety forms</i>	1%	Not Started	Joseph Earnest
1.12.2	- <i>Safety Expectations</i>	1%	Not Started	Manning Owens
1.12.3	- <i>Worksheet 1 (project hazard assessment)</i>	1%	Not Started	Steven Harrington
1.12.4	- <i>Worksheet 2 (project control)</i>	1%	Not Started	Tamara Mccaskill
1.13	<b>Milestone 13: SUMMER PROJECT PLAN (WBS UPDATE)</b>	2%	Not Started	
1.13.1	- <i>Develop and submit plan for summer</i>	1%	Not Started	Bryson Potts
1.13.2	- <i>Document timeline, milestones, and deliverables</i>	1%	Not Started	Joseph Earnest
1.14	<b>Milestone 14 : PHASE 3 DESIGN REVIEW (POSTER)</b>	5%	Not Started	

1.14.1	- <i>PDF of poster (24x36 in) summary of all work to this point and future work</i>	5%	Not Started	Manning Owens
1.15	<b>Milestone 15 : FINAL REPORT (SPRING)</b>	15%	Not Started	