

	Completion Status	Dependency on Other Activities	Week 1				Week 2				Week 3				Week 4				Week 5				Week 6				Week 7				Week 8				Week 9				Week 10				Week 11				Week 12				Week 13				Week 14				Week 15				Finals Week			
			M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F	M	T	W	F
Semester Schedule/Milestones			9%, 25%, 50%, 75%, 100%																																																															
Class Period			[Gantt Chart: Cyan blocks for each week]																																																															
Lab Period			[Gantt Chart: Green blocks for each week]																																																															
Submit Bi-Weekly Individual Updates			[Gantt Chart: Blue blocks for each week]																																																															
Coordinate time with machine shop technicians			[Gantt Chart: Pink blocks for weeks 1-2]																																																															
Develop plan for semester based on syllabus and milestone deadlines			[Gantt Chart: Pink blocks for weeks 1-2]																																																															
Begin actual construction of design			[Gantt Chart: Pink blocks for weeks 1-2]																																																															
Prototype Specification Report			[Gantt Chart: Purple blocks for weeks 3-5]																																																															
Complete Specification Table			[Gantt Chart: Purple blocks for weeks 3-5]																																																															
Write Narrative for reasoning			[Gantt Chart: Purple blocks for weeks 3-5]																																																															
Describe specification grouping/dependencies			[Gantt Chart: Purple blocks for weeks 3-5]																																																															
Prototype Evaluation and Testing Report			[Gantt Chart: Dark Blue blocks for weeks 7-10]																																																															
Statement of work for prototype assessment			[Gantt Chart: Dark Blue blocks for weeks 7-10]																																																															
Test matrix			[Gantt Chart: Dark Blue blocks for weeks 7-10]																																																															
Complete statement of individual goals			[Gantt Chart: Dark Blue blocks for weeks 7-10]																																																															
Subsystems			Note: Each subteam will continue completing tasks in order until all reach 100% completion as early as possible																																																															
Data Glove			[Gantt Chart: Progress bars for tasks]																																																															
Design on Inventor			75%																																																															
Finite Element Analysis			0%																																																															
3D Print initial prototype			0%																																																															
Finalize Material Choice			50%																																																															
Test Initial Prototype			0%																																																															
Motors			[Gantt Chart: Progress bars for tasks]																																																															
Determine Choice of Motor			75%																																																															
Finite State Machine			25%																																																															
Controller Design			25%																																																															
Develop Arduino Code			75%																																																															
Implement motors onto prototype			50%																																																															
Palm			[Gantt Chart: Progress bars for tasks]																																																															
Design on Inventor			75%																																																															
Other CAD Drawings			0%																																																															
Finite Element Analysis			0%																																																															
3D Print initial prototype			0%																																																															
Finalize Material Choice			75%																																																															
Test Initial Prototype			0%																																																															
Finger Joints			[Gantt Chart: Progress bars for tasks]																																																															
Update design on Inventor			100%																																																															
Other CAD Drawings for machining			0%																																																															
Finite Element Analysis			0%																																																															
3D Print updated prototype			100%																																																															
Test Initial Prototype			100%																																																															
Manufacture fingers in machine shop			0%																																																															
Knuckle Joints			[Gantt Chart: Progress bars for tasks]																																																															
Design on Inventor			75%																																																															
Other CAD Drawings for machining			0%																																																															
Finite Element Analysis			0%																																																															
3D Print initial prototype			25%																																																															
Finalize Material Choice			100%																																																															
Combine with finger design for manufacturing with metal			25%																																																															
Cable Management			[Gantt Chart: Progress bars for tasks]																																																															
Implement into prototype			75%																																																															
Place final order of materials			75%																																																															
Assemble prototype			0%																																																															
Develop testing procedure to perform			25%																																																															
Improve prototype based on results of tests			0%																																																															