

		Year 1			Year 2			Year 3			Year 4		
Task		<i>Fall</i>	<i>Spr</i>	<i>Smr</i>	<i>Fall</i>	<i>Spr</i>	<i>Smr</i>	<i>Fall</i>	<i>Spr</i>	<i>Smr</i>	<i>Fall</i>	<i>Spr</i>	<i>Smr</i>
	Massive Manipulation: Control-Laws												
1	Testbed Design and Construction			X			X			X			
2	Swarm Mean & Variance Control	T	E										
3	Wall Friction for Swarm Configuration Control			T	T	E	T						
4	Manipulating Objects Despite Obstacles					T	E	T	T	E			
5	Swarm Multi-Part Assembly									T	E	T	E