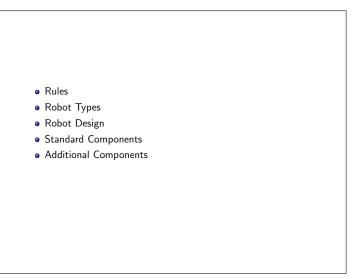
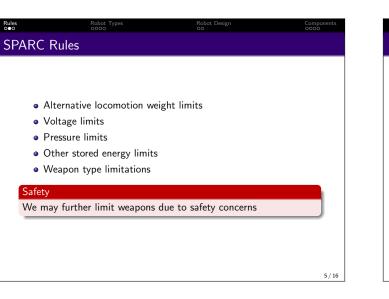
Combat Robots: Design, Construction, and Components Cameron Devine, Ph.D. St. Martin's University February 6, 2024





Rules ●00	Robot Types 0000	Robot Design 00	Components 0000
SPARC Weight Classes			
	Weight	Name	
	0.33 lb / 150 g	Fairyweight	
	1 lb / 454 g	Antweight	
	2.2 lb / 1 kg		
	3 lb / 1.36 kg	Beetleweight	
	6 lb / 2.7 kg	Mantisweight	
	12 lb / 5.4 kg	Hobbyweight	
	15 lb / 6.8 kg	Dogeweight	
	30 lb / 14 kg	Featherweight	
	60 lb / 27 kg	Lightweight	
	120 lb / 54 kg	Middleweight	
	220 lb / 100 kg	Heavyweight	
	250 lb / 110 kg	Alternative Heavyweight	
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RolesRobet TypesRobet Design
00Components
0000SPARC Match Rules• Round robin tournament• 3 minutes matches• First robot unable to move loses• Operators can "tap out" at any time

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