



SUNY College of Technology

Electric Motor Project

Project	Program	Assignment	Task (DCAD)	Task (MATT)
Electric Motor				
	DCAD/MATT	Modeling of frame using CAD	Design frame	Machine frame
		Modeling contacts using CAD	Design contact strip materials	Machine contacts strips
		Model magnet housing using CAD	Design magnet housing	Machine housing
		Model assembly using CAD	Create model assembly	Assemble parts
		Create schematic	Draw schematic	Hard wire motor
				Verify operation

...hit the ground running[®]