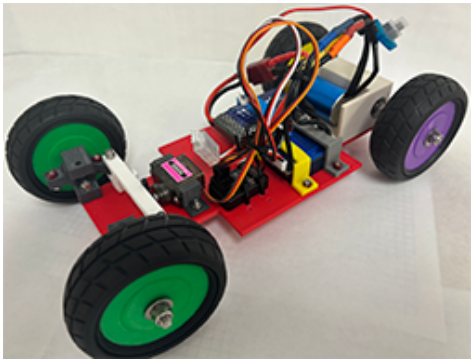
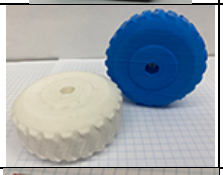
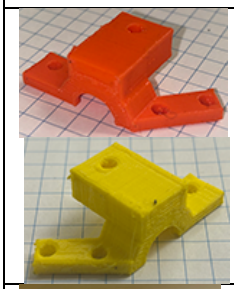
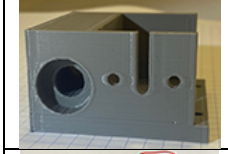
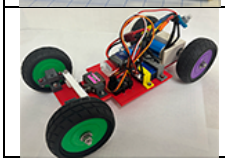
ECS Radio Controlled Car
Tutorial Gradesheet
Model / Gradesheet (220 pts.)



	**Step #1**: **Base Plate** Students will design (draft) build the Base Plate that support the vehicle.	10 pts.
	**Step #2: Battery Mount** Students will will design and build a bracket to stabilize the battery.	10 pts.
	**Step #3: Servo Mount** Students will will design and build a bracket to stabilize the servo motor.	10 pts.
	**Step #4: Tansformer Mount** Students will will design and build a bracket to stabilize the tansformer.	10 pts.
	**Step #5: Wheels** Students will design and build the axles and wheels for their car.	10 pts.
	**Step #6: Steering Rack** Students will design and build the Steering Rack, which connects the two Steering Columns.	20 pts.
	**Step #4: Lower Steering Column & Upper Steering Column** Students will design (draft) and build the lower Steering Column for their car. Note: you do not need to create a Draft for the Upper Steering Column. The Upper and Lower Steering Column are the same design...but are flipped. Just copy/paste your Lower Steering Column into a new file and then select the "Mirror" button to the right of the "UnGroup" button.	50 pts.
	**Step #9: Motor Mount** Students will design (draft) build the mount that supports the motor that turns the gear that spins the axle and the wheels.	50 pts.
	**Step #10: Assembly & Drive** Students will assemble and drive their RC car *(at least 10 ft. out and back).*	50 pts.