

ME 2016 Assignment HW8: Tuning a Dragster

Section: _____

Student: _____

10 Task 1: Determine the Shift Velocities

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|----------------------|---|-----------------------------------|
| <input type="text"/> | 5 | modification to plot_power_curves |
| <input type="text"/> | 5 | identification of relationship |

5 Task 2: Function car_model_w_parameters_XYZ

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|----------------------|---|-----------------------|
| <input type="text"/> | 5 | Matlab implementation |
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10 Task 3: Function evaluate_car_XYZ

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|----------------------|----|-----------------------|
| <input type="text"/> | 10 | Matlab implementation |
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20 Task 4: Script optimize_differential_XYZ

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| <input type="text"/> | 7 | Step 1 |
| <input type="text"/> | 6 | Step 2 |
| <input type="text"/> | 7 | Step 3 |

35 Task 4: Questions

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|----------------------|---|------------|
| <input type="text"/> | 5 | Question 1 |
| <input type="text"/> | 5 | Question 2 |
| <input type="text"/> | 5 | Question 3 |
| <input type="text"/> | 5 | Question 4 |
| <input type="text"/> | 5 | Question 5 |
| <input type="text"/> | 5 | Question 6 |
| <input type="text"/> | 5 | Question 7 |

15 Coding Style

- | | | |
|----------------------|---|--------------------------------------|
| <input type="text"/> | 5 | Headers |
| <input type="text"/> | 5 | Appropriate choice of variable names |
| <input type="text"/> | 5 | Useful comments in code |

5 Submission

- | | | |
|----------------------|---|-----------------------------------------|
| <input type="text"/> | 5 | Correct submission (Hardcopy, t-square) |
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100 Total - Out of 100 points

Comments: _____

