

ME528 Project Report Marking Scheme

Part 1 – justified selection of your chosen controller for the car - 5

Assessment of the performance of the controller - 10

Controller stability performance and disturbance scenario - 10

Course review re Part 1 - 5

Part 2 – *Simulink* simulation of the nonlinear dynamics - 5

Phase space and equilibrium points for your dynamic scenarios - 10

Feedback linearised control for the nonlinear car problem - 10

Course review re part 2 – 5

Suggestions for modification of the project in the context of the syllabus for ME528 - 5

Report format and structure - 5

Quality of technical writing - 10

Quality of report presentation - 5

Completeness of report within the page limit - 5

Note: The assessor will be working to 0.1 accuracy, so, for example, a mark of 67.3/90 will be the mark carried forward.