|  |  |
| --- | --- |
| **LAB REPORT COVER SHEET** | **ANU College of Engineering and Computer Science** Australian National University Canberra ACT 0200 Australia **www.anu.edu.au**  **+61 2 6125 5254** |
| Submission and assessment is anonymous where appropriate and possible. Please do not write your name on this coversheet.  This coversheet must be attached to the front of your assessment when submitted in hard copy. If you have elected to submit in hard copy rather than Turnitin, you must provide copies of all references included in the assessment item.  All assessment items submitted in hard copy are due at 5pm unless otherwise specified in the course outline. |

|  |  |  |  |
| --- | --- | --- | --- |
| Student ID  For group assignments, list each student’s ID | U 6366102 | | |
| Course Code | ENGN 6223 | | |
| Course Name | Control Systems | | |
| Assignment number |  | | |
| Assignment Topic | Design of Controller for Cruise Control | | |
| Lecturer | Dr. Guodong Shi | | |
| Tutor |  | | |
| Tutorial (day and time) |  | | |
| Word count |  | Due Date | 17/09/2018 |
| Date Submitted | /09/18 | Extension Granted |  |

I declare that this work:

* upholds the principles of academic integrity, as defined in the ANU Policy[: Code of Practice for Student Academic Integrity](https://hkxprd0610.outlook.com/owa/redir.aspx?C=pkUS4AqeVkC0OHXUsRYzk8JcJE65y9AI4r3Mqfll_bLO9DXo_dFgmbuC6N5TOcnRwCb-AmVT460.&URL=https%3a%2f%2fpolicies.anu.edu.au%2fppl%2fdocument%2fANUP_000392);
* is original, except where collaboration (for example group work) has been authorised in writing by the course convener in the course outline and/or Wattle site;
* is produced for the purposes of this assessment task and has not been submitted for assessment in any other context, except where authorised in writing by the course convener;
* gives appropriate acknowledgement of the ideas, scholarship and intellectual property of others insofar as these have been used;
* in no part involves copying, cheating, collusion, fabrication, plagiarism or recycling

Table of Contents

[Introduction 1](#_Toc522880386)

[Systems Modelling and Simulations 1](#_Toc522880387)

[Controller Design and Validations 1](#_Toc522880388)

[Discussions and Conclusions 1](#_Toc522880389)

# Introduction

# Systems Modelling and Simulations

# Controller Design and Validations

# Discussions and Conclusions