

# ENG335

## Computational Intelligence

### Assignment 3 - Genetic Algorithms

Tyler Robards - 651790, Baley Eccles - 652137

## Contents

<b>1</b>	<b>Introduction</b>	<b>2</b>
<b>2</b>	<b>Domain Problem</b>	<b>2</b>
2.1	The Travelling Salesman Problem . . . . .	2
<b>3</b>	<b>Genetic Algorithm Description</b>	<b>2</b>
3.1	Algorithm Testing . . . . .	2
<b>4</b>	<b>User's Guide</b>	<b>2</b>
<b>5</b>	<b>Conclusions</b>	<b>2</b>

## 1 Introduction

## 2 Domain Problem

3	4	1	2	1	3	8
2	1	3	1	3	9	7
5	1	2	1	4	9	8
4	2	1	2	5	9	9
8	9	6	3	2	5	9
9	8	5	2	1	7	9
8	9	6	1	1	8	9

### 2.1 The Travelling Salesman Problem

## 3 Genetic Algorithm Description

### 3.1 Algorithm Testing

## 4 User's Guide

## 5 Conclusions