



HIGHER TECHNICAL INSTITUTE	PROJECT NO
	3696 A



**HIGHER TECHNICAL INSTITUTE**

**COMPUTER STUDIES**

**DEPARTMENT**

**DIPLOMA PROJECT**

**USER MANUAL**

**DESIGN AND DEVELOPMENT OF A COMPUTER  
CONTROLLED RACING DRIVER BASED ON  
AN OPEN SOURCE RACING SIMULATION**

**CS / 372**

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## 1. TORCS Installation

This section will guide you through the installation of TORCS 1.3.0 on Linux from sources. Further installation instructions for Linux and Windows binaries are available from the official TORCS site. During the installation you have to run several commands in a shell. If a command starts with a hash (#) you should run this command as superuser (root), if it starts with a \$ you may run it as normal user.

### 1.1 Hardware Requirements

Hardware Requirements for robot development in TORCS are the following:

**Minimum:**

400MHz CPU

128MB RAM

OpenGL 1.2 compatible graphics card with at least 16MB RAM

**Recommended:**

600MHz CPU

256MB RAM

OpenGL 1.3 compatible graphics card with at least 64MB RAM