

## *Campus Services at Waterford Institute of Technology*

### **JOB DESCRIPTION**

**TITLE:** **SOFTWARE DEVELOPMENT ENGINEER**  
**CARD TECHNOLOGY RESEARCH CENTRE (CTRC)**

**REPORTING TO:** **BUSINESS MANAGER**

#### **THE JOB:**

Reporting to the Business Manager the successful candidate will be responsible for:

- i. Design of new software for card technology applications
- ii. Design of new software for any projects/work for CTRC or Campus Services
- iii. Installing software and hardware in new and existing sites
- iv. Responsible for IT specification on assigned projects
- v. Site Surveys
- vi. Responsible for the delivery of assigned projects and ensuring they are completed within appropriate timescales laid down
- vii. Appropriate management of maintenance contract work
- viii. Researching new products for development
- ix. Working in day to day IT operations of the card technology centre
- x. Dealing with all maintenance queries appropriately
- xi. Design and management of websites
- xii. Ensure all software is secure and future proofed
- xiii. Advising on the best and most suitable hardware/software for assigned projects
- xiv. Assist with pricing of new projects
- xv. Any other duties that may be assigned to you from time to time

- Applicants must have a degree in Computer Science or Electronic Engineering (or equivalent)
- A minimum of 2 years relevant experience

#### **Experience in the following areas are desirable;**

- Solid programming skills in high-level language(s) [C/C++/C#, Java, .Net etc]
- Web Applications – Design, Development and Maintenance
- Oracle, MS-SQL Databases
- Test methodology and Windows/Linux operating system
- Knowledge of internet programming dynamics and languages (SOAP, XML, HTTP, Certificates)