



COMPUTER STUDIES (WITH CODING AND WEB DESIGN)

COURSE CODE:

5M2067/5M18294

LEVEL 5



The IT sector and smart economy is the fastest growing job sector at the moment. This course offers QQI Level 5 certification, a qualification offering employment opportunities or can provide a pathway to a Level 6 qualification here at Moate Business College or Level 7 or 8 in the Institutes of Technology. It is ideal for those considering further study in computer science and software engineering or simply learning the basics in computer applications.

Course Content

| Module Name | Description |
|---|--|
| Web Authoring 5N1910 | This module enables students to understand the development of the Internet and World Wide Web (WWW) from their inception. Students will acquire the knowledge and skills necessary to build web-pages using both HTML text editors and WYSIWYG editors as well as plan, design, construct and maintain web pages and a website. |
| Information and Communications Systems 5N1952 | This module allows students to understand how information is processed within organisations. It enables students to understand the nature of information and its importance to organisations as well as evaluate the role of digital technology in information transmissions systems. |
| Spreadsheet Methods 5N1977 | This module enables students to develop a fundamental understanding of spreadsheet concepts and their range of applications. In so doing, they will gain extensive practical experience in spreadsheet design and implementation |
| Fundamentals of Object Oriented Programming 5N0541 | The purpose of this module is to equip the learner with the knowledge, skill and competence to construct computer programs using industry standard object oriented concepts. |
| Database Methods 5N0783 | This module aims to provide students with the necessary skills to create and modify databases. Students will develop an understanding of databases, create databases from designs, utilise databases to manipulate, retrieve and output information. |
| Word Processing 5N1358 | This module aims to equip the learner with the knowledge to use a word processing application. Learners will be able to create documents applying a range of text processing features including – margins, line spacing, indenting text and paragraphs, borders and shading, numbering and bullets, copying and pasting text, enhancing text. |
| The Internet 5N1611 | The Internet module enables students to gain the knowledge, skill and competence to use the internet for communication, research, collaboration, e-Commerce and web authoring in a secure and confidential manner in a range of personal and work contexts |
| Communications 5N0690 | The purpose of this module is to facilitate learners to acquire communications skills relevant to vocational, personal and interpersonal development and to explore the use of modern information and communications technology (ICT), in personal and vocational life |
| Work Experience 5N1356 | This module provides learners with the skills to participate in a suitable work placement under supervision for a limited time. Work experience includes observation of good timekeeping, working independently while under general direction, meeting deadlines, personal presentation, communication, adherence to health, safety and other relevant regulations. |
| Capstone for Office Informatics 5N18295 | This module enables students to become proficient in office productivity tools. It will enable the learner to receive, store, analyse, secure, research, generate, process and distribute information in a physical or virtual work environment. Informatics concerns human interaction with computer systems that store, process, retrieve and communicate information. |

Modules may be subject to change

Career Opportunities

This course provides the basis from which a student may further his/her studies or find employment as an Information Technology Assistant in the commercial area. There is a wide range of opportunities in the I.T. sector including:

- Technical Support
- Web/Internet Support
- Computer Operations
- Administration
- Sales
- Banks

Certification

On successful completion of the course, candidates who reach the required standard will receive the following award:

QQI Certificate in Computer Studies with Coding and Web Design – Information Processing 5M2067/Office Informatics 5M18294

Grant

Moate Business College students are eligible under the same conditions as any third level institution to apply for the government paid maintenance grant.

Apply to S.U.S.I. on
www.studentfinance.ie

Fees

There are no tuition fees payable to Moate Business College. However, please note that there are costs involved in taking a course, e.g. exam fees, professional body registration fees, etc. A student registration fee must be paid on joining the course.

Moate Business College,
Lake Road, Moate, Co Westmeath
Tel: 090 6481 178
Email: mbcadmin@eircom.net

Possible Progression from this Course

Progression routes are also available to National Universities of Ireland Colleges (NUI) offering degree programmes.

Moate Business College

6M4985 Advanced Certificate in Business Computing with Programming (Level 6)

Athlone Institute of Technology

AL657 Higher Certificate in Computing for Business (Level 6)

AL655 Higher Certificate in Business in Social Media Marketing (Level 6)

AL705 BSc Software Dev (Mobile apps & Connected Devices)*

AL703 Network Management*

AL702 Electronics and Wireless Communications*

AL650 Higher Certificate in Business (Level 6)

AL653 Higher Certificate in Office Management (Level 6)

AL704 Computer Engineering*

AL801 Software Design (Game Development or Cloud Computing)*

Carlow Institute of Technology

CW206 Computing (Options: Applications/Commercial Programming/Networking)

CW207 Software Development (Level 7)

CW217 Computer Systems Management (Level 7)

CW527 Electronic Engineering (Level 7)

GMT

GA775 Computing in Software Development (Level 7)

GA183 Business Information Systems (Level 7)

GA570 Computer and Electronic Engineering (Level 7)

GA776 Business Computing and Digital Media (Level 7)

GA869 Higher Certificate in Business In Computer Applications (Level 6)

GA681 Energy Engineering (Level 8)

NUI Galway

GY206 Business Information Systems (Level 8 – must have a minimum of 5 Distinctions)

Maynooth University

MH101 Arts (Level 8 – must have a minimum of 5 Distinctions)

Institute of Technology, Sligo

SG131 Computing – Games Development (Level 7)*

SG137 Computing – Systems and Networking (Level 7)*

SG538 Web Development & Creative Media (Level 7)*

*Must have LC Maths