## A COURSE MODULE DESCRIPTOR FORM

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| Module Information |
| **Course Module Title** | **Computer Application** |
| **ناوى کۆرس مۆدیول** | **بەرنامەكانى كۆمپيوتەر** |
| **عنوان الوحدة** | **تطبيق للحاسوب** |
| **Course Module Type** | Core | **Module Code** | **IT203** |
|  **ECTSs**  | 7 |
| **Department** | Department of information technology |
| **Department Code** | IT |
| **Module Website (CMW)** | https://noble.edu.krd/lms/login.php |
| **Module Leader (ML)** | Vian Waheed Khalid |
| **NTI - E - mail** | vian.wahid@noble.edu.krd |
| **ML Acad. Title** | Assistant Lecturer |
| **ML ORCID** | 0000-0003-4732-0477 |
| **ML Google Scholar Acc** | https://scholar.google.com/citations?hl=en&user=VPGeNpMAAAAJ |

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| Relation with Other Modules |
| **Pre-requisites** | N/A |
| Module Aims, Learning Outcomes and Indicative Contents |
| **Module Introductory Description** | The goal of this course is to teach and train students about computer application. Computer Applications is a one-year introductory course that will provide students with the opportunity to use the computer as a problem-solving tool. This class provides an overview of microcomputer applications beginning with a brief introduction to computer concepts and Microsoft Windows 10. |
| **Module Aims** | The objective of the Scheme is:to generate qualified manpower in the area of Information Technology (IT)Will enable such person to work seamlessly at any Offices, whether Govt. or Private or for future entrepreneurs in the field of IT. |
| Module Learning Outcome | On successfully completing the module students will be able to:Identify and evaluate alternative solution strategies Analyze, design and implement a computingDesign and implement well-documented, maintainable spreadsheets or programs suitable.Build models and carry out analyses of real-world problems using OR methodologies and spreadsheets.Perform custom calculations using MATLAB and/or VBA or similar programming languages.Write programs and/or develop spreadsheets to present and analyse quantitative data. |
| Learning and Teaching Strategies |
| **Strategies** | Cooperative learning Active learning Students center classroom Laboratory tests and practical debatesField work/trips Beside above we are going to follow the most recent technology and knowledge to let the student comforted with their learning gurney  |

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| **Required texts and References** |
| * The Computer Science Handbook / An Introduction to computer application
* The Complete Reference applications
* Principles of computer applications
* Introduction of computer applications
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| Module Delivery |
| **Total workload** |
| **Contact Theoretical Hours – Per semester** | 45 |
| **Contact Practical Hours – Per Semester** | 144 |

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| Module Assessment |
| **Module Activities** | **Time /Number** | **Weight (Marks)** | **Week Due** |
| Contact hours – Participation | Daily bases | 5% | Weekly  |
| (Science / Lab)(Social science / Critical thinking) | Daily bases | 5% | Weekly |
| Presentation / Seminar | 1 | 10% | 10 |
| Quiz | 2 | 5% | 3 , 11 |
| Lab activity | 1 | 5% | 6 |
| Homework | 2 | 5% | 4 , 9 |
| Oral assessment | Daily bases | 5% | Weekly  |
| Midterm Exam  | 1 | 20% | 8 |
| Final Exam | 1 | 40% | 15 |
| **Total** |  | 100% |  |

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| Delivery Plan theory (Designed Syllabus) – Theoretical session |
|  | **Course Module Content** |
| Week 1 | Introduction to Computer |
| Week 2 | Operating SystemApplication Software |
| Week 3 | Internet & its usage |
| Week 4 | Running an application |
| Week 5 | Text Editor Package |
| Week 6 | Presentation Package |
| Week 7 | Basic networking Concept |
| Week 8 | Midterm exam |
| Week 9 | Image, Graphic and design applications |
| Week 10 | PC Assembly & Maintenance |
| Week 11 | Basic networking Concept |
| Week 12 | Utilities |
| Week 13 | Database using Excel |
| Week 14 | MS Excel in advance |
| Week 15 | Final Exam |
| Delivery Plan practical (Designed Syllabus) – Practical session |
|  | **Course Module Content** |
| Week 1 | Introduction in lab |
| Week 2 | Windows |
| Week 3 | Application install, run, update, Uninstall |
| Week 4 | Text editor (Microsoft Word 1) |
| Week 5 | Text editor (Microsoft Word 2) |
| Week 6 | Presentation package (PowerPoint 1) |
| Week 7 | Presentation package (PowerPoint 2) |
| Week 8 | Midterm exam |
| Week 9 | Connecting to network |
| Week 10 | Image, Graphic and design applications |
| Week 11 | PC Assembly & Maintenance |
| Week 12 | Utilities |
| Week 13 | Microsoft Excel 1 |
| Week 14 | Microsoft Excel 2 |
| Week 15 | Final Exam |

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| Course Keywords |
| **Applications, OS, utilities, Computer apps.** |