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**بەش :** ماتماتيك

**كۆلێژ:** ثةروةردةى بنةرةتى

**زانكۆ:** سةلاَحةددين

**بابەت:** كؤمثيوتةر

**پەرتووکی کۆرس –** (قوَناغى 1)

**ناوى مامۆستا: م. يوسف فخرالدين حسين**

**ساڵى خوێندن: 2017/2018**

**پەرتووکی کۆرس**

**Course Book**

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| كؤمثيوتةر | **1. ناوى كۆرس** |
| يوسف فخرالددين حسين | **2. ناوى مامۆستاى بەر پرس** |
| ماتماتيك/ كؤليذى ثةوةردةى بنةرةتى | **3. بەش/ کۆلێژ** |
| **ئیمێل:**  [yusuf.hussein@su.edu.krd](mailto:yusuf.hussein@su.edu.krd) | **4. پەیوەندی** |
| **تیۆری: 1**كاتذميَر  ثراكتيكى : 2 كاتذميَر | **5. یەکەى خوێندن (بە سەعات) لە هەفتەیەک** |
| ثيَنج رؤذ لة هةفتةدا (يةك شةممة تاكو ثيَنض شةممة) لة كاتذميَر (8:30 – 12:00) | **6. ژمارەی کارکردن** |
|  | **7. کۆدی کۆرس** |
| بروانامةى دبلؤم لة ماتماتيك لة ثةيمانطاى ناوةندى هةوليَر بؤ سالَى خويَندنى 2002-2003  بروانامةى بكالؤريؤس لة ماتماتيك لة كؤليذى ثةروةردةى بنةرةتى /زانكؤى سةلاحةددين بؤ سالَى خويَندنى 2008-2009  بروانامةى ماستر لة ريَطاكانى وتنةوةى ماتماتيك لة زانكؤى East Anglia بؤ سالَى خويَندنى 2012-2013 | **8. پرۆفایەلی مامۆستا** |
| Information Technology | **9. وشە سەرەکیەکان** |
| **10.**  The principal objective of this course is to provide a thorough introduction to Computer Fundamentals. The emphasis will be on theoretical considerations involved in hardware and software. During the course, for the theoretical part student will be familiar with basic concept of information technology (IT) and for the practical part student will be familiar with Essential software’s like (Windows 7, Microsoft word and Microsoft Excel). | |
| **11. ئامانجەکانی کۆرس**  During the course, for the theoretical part student will be familiar with basic concept of information technology (IT) and for the practical part student will be familiar with Essential software’s like (Windows 7, Microsoft word and Microsoft Excel). | |
| **12. ئەرکەکانی قوتابی**   * ئامادة بوونى قوتابيان لة وانةكاندا طرينطة ضونكة ثيَويستى بة نووسينى تيَبينى هةية. * ئامادة بوونى قوتابيان لة تاقيكردنةوةكان. | |
| **13. ڕێگه‌ی وانه‌‌ ووتنه‌وه‌**   1. رِيَطاى محازةرة (طريقة المحاضرة). 2. رِيَطاى ثرسيار و وةلاَم (طريقة الإستجواب). 3. رِيَطاى طفت و طؤ (طريقة المناقشة).   هؤيةكانى فيَركردن   1. بةكارهيَنانى ثاوةر ثؤينت، (Power Point) 2. سوود وةرطرتن لة تةختة سثى، (White Board) و بةكارهيَنانى ثيَنووسى رِةنطاو رِةنط. | |
| **14. سیستەمی هه‌ڵسه‌نگاندن**  Midterm exam degree (40%) is calculated as follows:-  - Theory: 20 marks  - Practice: 20 marks  - Final exam degree (60%) is calculated as follows:  Theory: 30 marks  Practice: 30 marks | |
| **16. لیستی سەرچاوە**   1. ICDL5, 2016. 2. Computer Organization, fifth Edition, Carl Hamacher. | |
| **17. بابەتەکان**   |  |  | | --- | --- | | **First week** | [**HARDWAR**](#page5)**E**  The definition of computer  History of computer | | **Second week** | Generation of Computer | | **Third week** | [HARDWARE, SOFTWARE & INFORMATION TECHNOLOG](#page5)Y | | **Fourth week** | [TYPES OF COMPUTER](#page6)S | | **Fifth week** | [PORTABLE DIGITAL DEVICE](#page6)S | | **Sixth week** | [MAIN PARTS OF A PERSONAL COMPUTE](#page7)R | | **Seventh week** | [INPUT / OUTPUT PORT](#page8)S | | **Eighth week** | [COMPUTER PERFORMANC](#page9)E | | **Ninth week** | [CENTRAL PROCESSING UNIT (CPU](#page9) | | **Tenth week** | [RANDOM ACCESS MEMORY (RAM) & READ ONLY MEMORY (ROM](#page10)) | | **Eleventh week** | [STORAGE DEVICE](#page11)S | | **Twelfth week** | [INPUT DEVICE](#page13)S  [OUTPUT DEVICE](#page15)S  [INPUT/OUTPUT DEVICE](#page16)S | | **Thirteenth week** | [**SOFTWAR**](#page17)**E**  [OPERATING SYSTEM SOFTWAR](#page17)E  [APPLICATIONS SOFTWAR](#page18)E | | **Fourteenth week** | [**NETWORK**](#page20)**S**  [LAN, WLAN & WA](#page20)N | | **Fifteenth week** | [CLIENT / SERVER COMPUTER](#page20)S  [THE INTERNE](#page21)T | | **Sixteenth week** | [DOWNLOADING / UPLOADIN](#page22)G  [DATA TRANSFER RAT](#page22)E | | **Seventeenth week** | [INTERNET CONNECTION SERVICE](#page22)S | | **Eighteenth week** | [**IT IN EVERYDAY LIF**](#page24)**E** | | **Nineteenth week** | [INFORMATION & COMMUNICATION TECHNOLOG](#page24)Y [E-LEARNIN](#page25)G  [ELECTRONIC MAI](#page26)L | | **Twentieth week** | [INSTANT MESSAGING (IM](#page26))  [BLOG](#page28)S  [PODCAST](#page28)S | | **Twenty first week** | [ONLINE COMMUNITIE](#page28)S | | **Twenty second** | [HEALTH ISSUE](#page31)S | | **Twenty third** | [THE ENVIRONMEN](#page31)T | | **Twenty fourth** | [**SECURIT**](#page33)**Y**  [INFORMATION SECURIT](#page33)Y | | **Twenty fifth** | [COMPUTER VIRUSE](#page34)S | | |
| **Practical Course Program**   |  |  | | --- | --- | | **First week** | Windows Desktop  Shutting Down Windows  Task Bar  Mouse  Resizing A Window | | **Second week** | Maximizing A Window,Minimizing A Window,Closing A Window  Files Classification, Tool Bars*,* Snipping Tool, Calculator | | **Third week** | Create Folder*,* Delete Folder*,*  Create File*, De*lete File*,* Save File  Copy and Cut The File  Showing Hidden Icons | | **Fourth week** | Pin The Program To Taskbar  Pin The Program To Start Menu  Show Desktop Shortcut  Insert Special Character  Hand Writing | | **Fifth week** | Formula Writing  Sticky Notes Writing  Magnifier  Gadgets  Restore Files | | **Sixth week** | Uninstall Program  Windows Update  Customize Windows Explorer  Control Startup  System Restore | | **Seventh week** | **Microsoft Word 2010**  Home | | **Eighth week** | Insert | | **Ninth week** | Page layout | | **Tenth week** | Refernces | | **Eleventh week** | Review | | **Twelfth week** | view | | **Thirteenth week** | Design  Layout | | **Fourteenth week** | **Microsoft Powerpoint 2010**  Introduction Powerpoint  Home Tab Groups. | | **Fifteenth week** | Creating Presentation  Insert Tab Groups**.** | | **Sixteenth week** | Design | | **Seventeenth week** | Animations | | **Eighteenth week** | view | | **Nineteenth week** | Paint program | | **Twentieth week** | **Microsoft Excel 2010**  Home Tab Groups. | | **Twenty first week** | Insert Tab Groups | | **Twenty second** | Page Layout Tab Groups. | | **Twenty third** | Formula Tab Groups. | | **Twenty fourth** | Formula Tab Groups | | **Twenty fifth** | tables | | |
| **19. تاقیکردنەوەکان**  Q1/ define the following: (6 Degree)  1/Mainframe computer 2/Memory 3/folder  Q2/ full the follow gaps: (14 Degree)   1. The second generation of computer is called ------------------------. 2. All software can be divided into two categories----------------------and -----------------------. 3. --------------------Is the physical components of a computer system i.e. those components which you can actually touch. 4. In the first generation Input was based on ------------------------- and --------------------------. 5. One Terabyte (TB) is equal to ------------------------ Megabyte (MB). 6. Software has divided into two types ----------------------- and --------------------. 7. The ------------------is also called the Standard Output Device. 8. ---------------------is used in the place of a mouse to move the pointer, click on icons, and interact with the computer. 9. There are two types of primary memory ----------------------- and -------------------------. 10. ---------------------- is the smallest unit of information on the computer.   Q3/ To do this by keyboard press (5 Degree)   1. Move to the next option or option group 2. To the beginning of a document 3. Undo an action 4. Replace text 5. Copy a picture of the selected window to the clipboard   Q4/ Write the full form word of the following: (5 Degree)  ( ALU , CD , LCD , MMU , Mac OS )    **20.** هيض تيَبينيةك نية | |