

## Bachelor of Business Administration (Hons)

|     |                          |  |               |                |
|-----|--------------------------|--|---------------|----------------|
| 1.  | Course Title             | <b>ICT and Islamic Perspective CICT1523</b>  |               |                |
| 2.  | Course Code              | <b>CICT1523</b>  |               |                |
| 3.  | Status                   | Elective   |               |                |
| 4.  | Credit Hour              | 3 (2+1)<br>2 for lecture ( 2 hours per week x 14 weeks)<br>1 for tutorial (1.5 hours per week x 14 weeks)  |               |                |
| 5.  | Semester/Year            | N/A  |               |                |
| 6.  | Prerequisites            | Nil  |               |                |
| 7.  | Teaching method:         | Distance Learning (Electronic)   |               |                |
| 8.  | Evaluation               | <b>Assessment and Marking Percentage:</b><br>Quizzes 10 %<br>Assignments 10 %<br>Interactions through discussion board 10 %<br>Mid-Semester Exam 20 %<br>Final Examination 50 %  |               |                |
| 9.  | Lecturer                 | N/A  |               |                |
| 10. | Objective of the Subject | The objectives of this subject are to: <ul style="list-style-type: none"> <li>enable students integrate Islamic principles and values with the conventional philosophy, knowledge and practices of ICT</li> <li>introduce students to the contributions of Islam and Muslims to the development of Science and Technology, especially ICT</li> <li>familiarize students to the relevant Islamic principles and code of ethics that should be applied in ICT</li> <li>expose students to the ways ICT could be utilized as a tool for disseminating Islamic teachings and strengthening Muslim Ummah</li> </ul> |               |                |
| 11. | Learning Outcomes        | Upon completion of this subject, students should be able to: <ul style="list-style-type: none"> <li>integrate Islamic principles and values with the conventional philosophy, knowledge and practices of ICT</li> <li>identify the contributions of Islam and Muslim scholars to the development of Science and Technology, especially ICT</li> <li>apply the relevant Islamic principles and code of ethics into ICT</li> <li>identify the ways ICT could be utilized as tool for disseminating Islamic teachings and strengthening Muslim Ummah</li> </ul>   |               |                |
| 12. | Synopsis                 | This subject covers aspects relating to the philosophy behind ICT and Islam, guiding principles, people ware, qalam as the info structure, knowledge society, electronic government and finally, the way forward in ICT based on Islamic parameters.   |               |                |
| 13. | Topics                   | Details  | Lecture (Hrs) | Tutorial (Hrs) |
|     | Topic 1                  | <b>Philosophy of ICT and Islam</b> <ul style="list-style-type: none"> <li>Philosophy of Computer</li> <li>Qalam and Computer</li> <li>Input, Process, and Output</li> <li>GIGO</li> <li>Data, Information, Knowledge and Wisdom</li> <li>Journey of Insan</li> </ul>   | 4             | 3              |
|     | Topic 2                  | <b>Guiding Principles: Ethics, Security &amp; Privacy</b> <ul style="list-style-type: none"> <li>Al- Quran and Sunnah: Guiding Principles</li> <li>Ethics : ICT and Islam</li> <li>Security: ICT and Islam</li> <li>Privacy : ICT and Islam</li> </ul>   | 4             | 3              |
|     | Topic 3                  | <b>Peopleware: Knowledge Workers to Wisdom Workers</b> <ul style="list-style-type: none"> <li>The importance of Peopleware in ICT</li> <li>Heartware in Peopleware</li> </ul>  | 4             | 3              |

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|-----|-------------------------------|---|----|----|
|     |                               | <ul style="list-style-type: none"> <li>• ICT &amp; Knowledge Workers</li> <li>• ICT &amp; Wisdom Workers</li> </ul>   |    |    |
|     | Topic 4                       | <b>Qalam the Info structure</b> <ul style="list-style-type: none"> <li>• Qalam is the computer</li> <li>• Qalam as the technology of the ummah</li> <li>• Right hardware for the ummah</li> <li>• Right software for the insan</li> </ul>   | 4  | 3  |
|     | Topic 5                       | <b>Knowledge Society to Wisdom Society</b> <ul style="list-style-type: none"> <li>• Information Society to Knowledge Society</li> <li>• Knowledge Society to Wisdom Society</li> <li>• ICT and Knowledge Society</li> <li>• ICT and Wisdom Society</li> </ul>   | 4  | 3  |
|     | Topic 6                       | <b>E-Government: Transparency and Efficiency</b> <ul style="list-style-type: none"> <li>• E-Government and Islam</li> <li>• Islam, E-Government and Transparency</li> <li>• Islam, E-Government and Efficiency</li> <li>• Islam, E-Government and Effectiveness</li> </ul>  | 4  | 3  |
|     | Topic 7                       | <b>ICT and Islam : The Way Forward</b> <ul style="list-style-type: none"> <li>• Qalam the first technology</li> <li>• Biotechnology and Islam</li> <li>• Bioinformatics and Islam</li> <li>• Journey of Insan : Begin and end with Qalam</li> </ul>   | 4  | 3  |
|     |                               | <b>Total contact hours</b>  | 28 | 21 |
|     |                               | <b>Equivalent lecture hours</b>   | 28 | 14 |
|     |                               | Total lecture hours   | 42 |    |
|     |                               | Credit hours  | 3  |    |
| 14. | <b>Main references:</b>       | Noordin, Mohamad Fauzan (2008). <b>ICT and Islam</b> , Kuala Lumpur : IIUM Press  |    |    |
| 15. | <b>Additional References:</b> | 1. Abdul Karim, M. R. and Mohd Khalid, N. (2003). <b>E-Government in Malaysia</b> , Kuala Lumpur: Pelanduk Publication.<br>2. Abdul Majeed, A. B. (2003). <b>Using ICT to Disseminate The Understanding of Islamic Civilization: A View of Daei</b> , Paper presented at the <i>Seminar Memahami Agama Islam Melalui Tekno-Daei</i> .<br>3. Abdul Murad, M. H. (2003). <b>Science, Technology, Modernity and the Question of Cultural Authencity</b> , <i>Malaysian Journal of Science and Technology Studies</i> , 1, 2003, 116-153. |    |    |
|     | <b>Other Materials:</b>       | All other materials will be available to students online.   |    |    |