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| تقرير رفع احتياجات مكتبة كلية الحاسب الآلي- شطر- الطالبات | 38     | التوصية |
| للعام الجامعي ١٤٤١هـ - ١٤٤٢هـ                             | 600100 | التخصص  |

جامعة أم القرى  
كلية الحاسب الآلي بالقطعة  
علوم الحاسب الآلي

| الطبعة | عدد النسخ | توفر المرجع في المكتبة | References ( المراجع)  | Course Number | Level 3 (المستوى الثالث)             |
|--------|-----------|------------------------|--|---------------|--------------------------------------|
| 11     |           | متوفر                  | 1- Java:How to program,9e,Dietel and Dietel  | 6001110-4     | Computer programming                 |
|        |           | غير متوفر              | 2- Absolute Java, 4thEdition,walter Savitch,Addison wesley,200   |               |                                      |
|        |           | غير متوفر              | 3- Java programming ,7th Edition ,Joyce Farrell,2013   |               |                                      |
| 7      |           | متوفر                  | 1- Discrete Mathematics and Its Applications, 7th Edition, By Kenneth Rosen  | 60011801-3    | Discrete Structures 1                |
|        |           | غير متوفر              | 1-F.Vahid,Digital Design with RTL Design,VHDL,and Verilog,Second Edition,2011,JohnWiley and Sons                                       | 60031201-4    | Digital Logic Design                 |
|        |           | غير متوفر              | 2-F.Vahid,and R.Lysecky,Verilog for Digital Design,2007,John Wiley andSons   |               |                                      |
|        |           | غير متوفر              | 3-Michael D.Ciletti,Advanced Digital Design with the Verilog HDLM,,VHDL, and Verilog,Second Edition,2011,pearson International Edition |               |                                      |
| الطبعة | عدد النسخ | توفر المرجع في المكتبة | References ( المراجع)  | Course Number |                                      |
| 7      |           | متوفر                  | 1-Discrete Mathematics and Its Application, 7th edition ,BY Kenneth Rosen  | 60011802-4    | Discrete Structures 2                |
| 11     |           | متوفر                  | 1-jave:how to program 9e,Dietel and Dietel,  | 60011102-4    | Object Oriented Programming          |
|        |           | غير متوفر              | 2-Object -oriented Analysis and Design :Undergraduate topics in compute science,sarnath ramnath and brahma dathan,springer             |               |                                      |
|        |           | غير متوفر              | 3- Head First Java ,2nd Edition by kathy sierra and bert bates,2005  |               |                                      |
|        |           | غير متوفر              | 1-D.Patterson and j.Hennessy,Computer Organization and Design,the Hardware/SoftwareInterface,5th Edition,Morgan Kaufmann(MK).2013      | 60032205-4    | Computer Organization & Architecture |
|        |           | غير متوفر              | 2-D.Harris and S. Harris,Digital Design and Computer Architecture,Morgan Kaufmann(MK)2nd Edition,2012                                  |               |                                      |
| الطبعة | عدد النسخ | توفر المرجع في المكتبة | References ( المراجع)  | Course Number | Level 5 (المستوى الخامس)             |
|        |           | غير متوفر              | 1-Operating System Concepts,by Abraham Silberschatz,peter Baer Galvin,and Greg Gagne,Eighth Edition john wiley & Sons,2009             | 60012203-4    | Operating Systems                    |
|        |           | غير متوفر              | 2-Operating Systems:Internals and Design Principles,by william Stallings,Seventh Edition,prentice Hall,2011                            |               |                                      |
| 6      |           | متوفر                  | 1-Fundamentals of Database Systems By:Rames Elmasri, Shamkant B. Navathe   | 60012301-3    | Database 1                           |
|        |           | غير متوفر              | 2-Modern Database Management By:Jeffrey A .Hoffer and Ramesh Venkataraman.   |               |                                      |
|        |           | غير متوفر              | 1-Data Structures and Algorithms in Java by Michael T. Goodrich, Roberto Tamassia (latest edition)                                     | 60012401-3    | Data Structures                      |

|        |           |                        |   |               |                                 |
|--------|-----------|------------------------|---|---------------|---------------------------------|
|        |           | غير متوفر              | 2- Data Structures and Algorithm Analysis in Java by Mark A. Weiss (latest edition)   |               |                                 |
|        |           | غير متوفر              | 1-Sтивен C.Chapra and Raymond P.Canale, Numerical Methods for Engineers,6th Edition,McGraw-Hill,2009  | 60032401-4    | Numerical Methods for Computing |
|        |           | غير متوفر              | 2-W.Cheney and Kincaid,Numerical Mathematics and Computing,6th Edition,Brookes Cole,2007  |               |                                 |
| الطبعة | عدد النسخ | توفر المرجع في المكتبة | References (المراجع)  | Course Number | Level 6 (المستوى السادس)        |
| 7      |           | متوفر                  | 1-Computer Networking,a Top-Down Approach:J.F.Kurose,K.W.Ross   | 60033103-4    | Computer Networks               |
|        |           | غير متوفر              | 2-Computer Networks:A Systems Approach:Larry Peterson and Bruce Davie,4/E   |               |                                 |
|        |           | غير متوفر              | 1-Fundamentals of Computer Graphics by Peter Shirley and Michael Ashikhmin (latest edition)   | 60012501-3    | Computer Graphics               |
| 4      |           | متوفر                  | 2-Computer Graphics with OpenGL by Donald Hearn, M. Pauline Baker, and Warren (latest edition)  |               |                                 |
|        |           | غير متوفر              | s by Alan Watt (latest edition)   |               |                                 |
|        |           | غير متوفر              | 4- Computer Graphics: Principles and Practice by John F. Hughes, Andries van Dam, Morgan McGuire, David F. Sklar, James D. Foley, Steven K. Feiner, Kurt Akeley                         |               |                                 |
|        |           | غير متوفر              | 1-Algorithms: Design Techniques and Analysis by M. H. Alsawaiyel (latest edition)   | 60012402-4    | Algorithms                      |
| 3      |           | متوفر                  | 2-Introduction to Algorithms by Thomas H. Cormen and Charles E. Leiserson (latest edition)  |               |                                 |
|        |           | غير متوفر              | 3-Algorithms by Robert Sedgewick and Kevin Wayne  |               |                                 |
|        |           | غير متوفر              | 1-Compilers: Principles, Techniques, and Tools ,A. V. Aho, R. Sethi, J. D. Ullman; (c) 2010   | 60012109-3    | Compilers Construction          |
| الطبعة | عدد النسخ | توفر المرجع في المكتبة | References (المراجع)  | Course Number | Level 7 (المستوى السابع)        |
| 11     |           | متوفر                  | 1-Java: How to Program, 9e, Dietel and Diet   | 60013103-4    | Advanced Programming            |
|        |           | غير متوفر              | 2- Object-Oriented Analysis and Design: Undergraduate Topics in Computer Science, Sarnath Ramnath and Brahma Dathan 3-Head First Java, 2nd Edition by Kathy Sierra and Bert Bates, 2005 |               |                                 |
| 3      |           | متوفر                  | 1-Artificial Intelligence: A Modern Approach 3rd Edition, Russell & Norvig, 2009  | 60013701-4    | Artificial Intelligence         |
|        |           | غير متوفر              | 2-Artificial Intelligence: A Systems Approach by M. Tim Jones   |               |                                 |
|        |           | غير متوفر              | 1-HTML5 and CSS3, ElizabEth Castro, Bruce hyslop, 7th Edition   | 60013104-3    | Internet Applications           |
|        |           | غير متوفر              | 2-JavaScript: The Definitive Guide, David Flanagan, 6th Edition   |               |                                 |
|        |           | غير متوفر              | 3-Java Servlet Programming, Jason Hunter, William Crawford, 2nd Edition, O'Reilly   |               |                                 |
|        |           | غير متوفر              | 4-Robert Sebesta, Programming the World Wide Web, 2011,   |               |                                 |
|        |           | غير متوفر              | 1-Software Engineering: A Practitioner's Approach, 8th Edition, 2014,   |               |                                 |

|        |           |                        |   |               |                          |
|--------|-----------|------------------------|---|---------------|--------------------------|
| 8      |           | متوفر                  | 2- Software Engineering: A Practitioner's Approach, 8th Edition, 2014, Roger Pressman, Bruce Maxim                                    | 60013303-3    | Software Engineering 1   |
|        |           | غير متوفر              | 3-Requirements Engineering: From System Goals to UML models to Software Specifications Axel van Lamsweerde John Wiley and Sons , 2010 |               |                          |
|        |           | غير متوفر              | 4-Software Project Management (5th ed.) Bob Hughes and Mike Cotterell McGraw-Hill , 2009  |               |                          |
|        |           | غير متوفر              | 5- Mastering the requirements process (2cnd ed.) Suzanne and James Robertson Addison-Wesley , 2006                                    |               |                          |
|        |           | غير متوفر              | 6-Software Engineering (9th ed.) Ian Sommerville Addison-Wesley , 2011  |               |                          |
| الطبعة | عدد النسخ | توفر المرجع في المكتبة | References (المراجع)  | Course Number | المستوي (المستوي الثامن) |
| 8      |           | متوفر                  | 1-Software Engineering: A Practitioner's Approach, 8th Edition, 2014, Roger Pressman, Bruce Maxim                                     | 60013304-3    | Software Engineering 2   |
|        |           | غير متوفر              | 2-Systems Analysis and Design, by Dennis, Wixom and Roth., 6th Edition. 2014  |               |                          |
|        |           | غير متوفر              | 1- Yvonne Rogers, Helen Sharp, Jenny Preece. Interaction Design: Beyond Human - Computer Interaction                                  | 60013502-3    | User Interface Design    |
|        |           | غير متوفر              | 2-Don Norman. The Design of Everyday Things: Revised and Expanded Edition   |               |                          |
|        |           | غير متوفر              | 1-Introduction to Parallel Programming, Peter Pacheco, 2011   | 60013204-3    | Parallel Computing       |
|        |           | غير متوفر              | 2-The Art of Multiprocessor Programming by Maurice Herlihy and Nir Shavit   |               |                          |
|        |           | غير متوفر              | 3-Parallel Programming: for Multicore and Cluster Systems by Thomas Rauber and Gudula Rüniger   |               |                          |
|        |           | غير متوفر              | 4- Patterns for parallel programming by Timothy G. Mattson  |               |                          |
|        |           | غير متوفر              | 5- Parallel Programming in C with MPI and OpenMP by Michael J. Quinn  |               |                          |
|        |           | غير متوفر              | 6- Parallel Programming in OpenMP by Rohit Chandra  |               |                          |
|        |           | غير متوفر              | 7- Parallel Programming with MPI Peter S. Pacheco   |               |                          |
|        |           | غير متوفر              | 1- Introduction to Computer Security, Michael T. Goodrich and Roberto Tamassia , Addison Wesley 2011                                  | 60013602-3    | Computer Security        |
|        |           | غير متوفر              | 2-Charles P. Pfleeger and Shari L. Pfleeger. Security in Computing (3rd edition)  |               |                          |
|        |           | غير متوفر              | 3- Stallings, William, and Lawrie Brown Computer security Principles and Practice (2008).   |               |                          |
|        |           | غير متوفر              | 4-Russell, Deborah, and G. T. Gangemi. Computer security basics. " O'Reilly Media, Inc 1991.  |               |                          |
|        |           | غير متوفر              | 5-Matt, Bishop. Introduction to computer security. Pearson Education India, 2006.   |               |                          |
| الطبعة | عدد النسخ | توفر المرجع في المكتبة | References (المراجع)  | Course Number | المستوي (المستوي التاسع) |
|        |           | غير متوفر              | 1. Computer Ethics, Deborah G. Johnson (2nd edition),2009   | 6004305-2     | Computers and Society    |
|        |           | غير متوفر              | 2. Ethics for the information age, Micheal.J. Quinn,(3rd edition), 2009.  |               |                          |
|        |           | غير متوفر              | 3. Ethics in Information Technology,George.W.Reynolds,(3rd edition), 2010.  |               |                          |
|        |           | غير متوفر              | 4. Introduction to information technology law ,6/E, David Bainbridge,2007.  |               |                          |
| الطبعة | عدد النسخ | توفر المرجع في المكتبة | مقررات الخطة الاختياريه (التوصية ٣٨)  | Course Number | المقرر                   |

|   |  |           |  |            |                              |
|---|--|-----------|--|------------|------------------------------|
|   |  | غير متوفر | 1-HTML5 and CSS3, ElizabEth Castro, Bruce hyslop, 7th Edition, Peachpit Pres   | 60014110-3 | Advanced Web Programming     |
|   |  | غير متوفر | 2-JavaScript: The Definitive Guide, David Flanagan, 6th Edition, O'Reilly  |            |                              |
|   |  | غير متوفر | 3- Java Servlet Programming, Jason Hunter, William Crawford, 2nd Edition,  |            |                              |
|   |  | غير متوفر | 4- Ajax: The Definitive Guide 1st Edition, Anthony Holdener III, O'Reilly  |            |                              |
|   |  | غير متوفر | 1-Laurene V. Fausett, Fundamentals of Neural Networks: Architectures, Algorithms And Applications, Pearson (latest edition)                          | 60014702-3 | Artificial Neural Network    |
|   |  | غير متوفر | 2- Martin T Hagan, Neural Network Design, 2nd Edition, Martin Hagan, 2014 or( latest edition )   |            |                              |
|   |  | غير متوفر | 3- Haykin, Neural Networks: A Comprehensive Foundation 2nd edition, (Prentice Hall) (latest edition )  |            |                              |
|   |  | غير متوفر | 1-Big Data, Data Mining, and Machine Learning: Value Creation for Business Leaders and Practitioners, 2014, Jared Dean                               | 60014305-3 | Big Data Analytics           |
|   |  | متوفر     | 2- Big Data, Mining, and Analytics: Components of Strategic Decision Making, 2014 Stephan Kudyba   |            |                              |
|   |  | غير متوفر | 1-M. Zvelebil and J. O. Baum, Understanding Bioinformatics, Garland Science (latest edition)   | 60014404-3 | Bioinformatics               |
|   |  | غير متوفر | 2- Arthur Lesk, Introduction to Bioinformatics, 4th edition, Oxford University Press, 2014.  |            |                              |
|   |  | غير متوفر | 3-Wing-kung sung, Algorithms in Bioinformatics: A Practical Introduction, Chapman & Hall/CRC Mathematical and Computational Biology (latest edition) |            |                              |
|   |  | غير متوفر | 1-Distributed Algorithms: An Intuitive Approach, 2013, Wan Fokkink   | 60014205-3 | Cloud Computing              |
| 6 |  | متوفر     | 1-Fundamentals of Database SystemsBy: Ramez Elmasri , Shamkant B. Navathe  | 60014302-3 | Database (2)                 |
|   |  | غير متوفر | 1-Game Coding Complete by Mike McShaffry and David Graham (latest edition)   | 60014108-3 | Game Programming             |
|   |  | غير متوفر | 2-Programming Game AI By Example by Mat Buckland (latest edition)  |            |                              |
|   |  | غير متوفر | 3-Mathematics for 3D Game Programming and Computer Graphics by Eric Lengyel (latest edition)   |            |                              |
|   |  | غير متوفر | 1-Digital Image Processing by Rafael C. Gonzalez, Richard E. Woods (latest edition)  | 60014507-3 | Image Processing             |
|   |  | غير متوفر | 2-Digital Image Processing Using MATLAB by Rafael C. Gonzalez, Richard E. Woods and Eddins (latest edition )   |            |                              |
|   |  | غير متوفر | 3- C. Solomon and T. Breckon, Fundamentals of Digital Image processing: A Practical Approach with Examples in MATLAB, John Wiley & Sons, 2011        |            |                              |
|   |  | غير متوفر | 1-Cryptography and Network Security: Principles and Practice (5th Edition), by William Stallings (Jan 2010), PEARSON,                                | 60014604-3 | Introduction to Cryptography |
|   |  | غير متوفر | 2-Cryptography Theory & Practice by Douglas Stinson  |            |                              |

|  |  |           |  |            |                               |
|--|--|-----------|--|------------|-------------------------------|
|  |  | غير متوفر | 3-Applied Cryptography by Bruce Schneier   |            |                               |
|  |  | غير متوفر | 1-An Introduction to Information Retrieval Christopher D. Manning, Prabhakar Raghavan, Hinrich Schütze   | 60014308-3 | Information Retrieval Systems |
|  |  | غير متوفر | 1-Bill Phillips, Chris Stewart, Brian Hardy, and Kristin Marsicano, Android Programming: The Big Nerd Ranch Guide Big Nerd Ranch LLC, 2nd edition, 2015.   | 60014105-3 | Mobile Applications           |
|  |  | غير متوفر | 2-The Busy Coder's Guide to Android Development, Mark L. Murphy, CommonsWare, LLC, 2014  |            |                               |
|  |  | غير متوفر | 3- Christian Keur and Aaron Hillegass, iOS Programming: The Big Nerd Ranch Guide, 5th edition, 2015  |            |                               |
|  |  | غير متوفر | 1-Pattern Recognition and Machine Learning by Christopher Bishop (latest edition)  | 60014703-3 | Pattern Recognition           |
|  |  | غير متوفر | 2-Pattern Recognition by Sergios Theodoridis and Konstantinos Koutroumbas (latest edition)   |            |                               |
|  |  | غير متوفر | 1-Sebesta R.W., Concepts of Programming Languages, 10th Edition, Addison-Wesley, 2012  | 60014106-3 | Programming Languages         |
|  |  | غير متوفر | 2-Essentials Of Programming Languages, Daniel P. Friedman And Mitchell Wand, Third Edition   |            |                               |
|  |  | غير متوفر | 1-Java RMI, 1st Edition, William Grosso, O'Reil  | 60014307-3 | Software Architecture         |
|  |  | غير متوفر | 2-SOA with Java: Realizing Service-Oriented with Java Technologies, 1st Edition, Thomas Erl, Andre Tost, Satadru Roy, Philip Thomas, Raj Balasubramanian, David Chou, Thomas Plunkett, Prentice Hall |            |                               |
|  |  | غير متوفر | 3-Getting Started with OAuth 2.0, 1st Edition, Ryan Boyd   |            |                               |
|  |  | غير متوفر | 4-Web Security Testing Cookbook: Systematic Techniques to Find Problems Fast, 1st Edition, Paco Hope ,Ben Walther,   |            |                               |
|  |  | غير متوفر | 5-Object-Oriented Analysis and Design: Undergraduate Topics in Computer Science, Sarnath Ramnath and Brahma  |            |                               |
|  |  | غير متوفر | 1-[Glenford, Myers & Badgett 11] Glenford J. Myers; Corey Sandler; Tom Badgett; "The Art of Software Testing", 3rd Edition; John Wiley & 2011  | 60014306-3 | Software Testing              |
|  |  | غير متوفر | 2-Advanced Software Testing - Vol. 1", 2nd Edition; Rocky Nook;2016  |            |                               |
|  |  | غير متوفر | 3-Software Testing - An ISTQB-BCS Certified Tester Foundation guide" 3rd edition; BCS Learning & Development Limited; 2015   |            |                               |
|  |  | غير متوفر | 4-The Software Test Engineer's Handbook", Rocky Nook, 2008   |            |                               |
|  |  | غير متوفر | 5-Software Testing Principles, Practices, and Patterns"; Addison-Wesley Professional; 2013   |            |                               |
|  |  | غير متوفر | 1-An Introduction to Formal Languages and Automata 2006 by Peter Linz  | 60014803-3 | Theory of Computing           |
|  |  | غير متوفر | 1-D. Jurafsky and J. Martin, Speech and Language Processing Prentice-Hall (2008)   | 60014704-3 | Natural Language Processing   |
|  |  | غير متوفر | 1-"Digital Evidence and Computer Crime" (Third edition), Eoghan Casey, Elsevier Academic Press, 2011   |            |                               |

|  |  |           |  |            |                     |
|--|--|-----------|--|------------|---------------------|
|  |  | غير متوفر | 2-“Guide to Computer Forensics and Investigations: Processing Digital Evidence”, (Fifth edition), Bill Nelson, Cengage Learning,2015 | 60014605-3 | Forensics Computing |
|  |  | غير متوفر | 3-Bunting, Steve, "EnCE - The Official EnCase Certified Examiner Study Guide," Sybex/Wiley Indianapolis, Third Edition, 2012,        |            |                     |
|  |  | غير متوفر | 4-Incident Response & Computer Forensics" (second edition), Kevin Mandia, Chris Prosis, and Matt Pepe, McGraw Hill/Osborne, 2003,    |            |                     |

تقرير احتياج المكتبة بالمستويات

كلية الحاسب الآلي-شطر الطالبات

أ. نادية الناشري