

TEXTBOOK LIST - TRIMESTER 1 2022

Bachelor of Information Technology

| Subject Code | Subject Title | Textbook/ Recommended | Text Title | Author/s | Publisher |
|--------------|---|------------------------|---|--------------------------------------|--|
| CP1401 | Fundamentals of Problem Solving and Programming I | Recommended | Starting Out with Python, Global edition, 4th edition, | Tony Gaddis | Pearson Education https://www.pearson.com.au/9781292225753 |
| CP1402 | Internet Fundamentals | Textbook | Network+ Guide to Networks, 8th Edition (2019) | Jill West; Tamara Dean; Jean Andrews | Cengage, ISBN: 9781337569330 |
| CP1403 | Design Thinking | Textbook | "SPRINT How to solve big problems and test new ideas in just five days, (2016), Design for Software: A Playbook for Developers, (2013), " | Jake Knapp Eric Kilmczak | Simon & Schuster, ISBN-13: 978-1501121746 (available in print or on Kindle/Google Books etc.) Wiley, 1st Edition. ISBN13: 978-1119942900 |
| CP1404 | Programming II | Textbook Suitable | The Practice of Computing Using Python, 3rd Edition (or the 2nd edition is fine) Starting Out with Python. Global edition, 4th edition | Punch & Enbody Tony Gaddis | Pearson ISBN-13: 978-0134379760 Pearson Education https://www.pearson.com.au/9781292225753 |
| CP1406 | Web Design and Development | Recommended | "The following textbook is recommended but not required: This subject utilises the excellent online courses and books from SitePoint Premium (http://sitepoint.com/premium) as the primary teaching resource materials. The subject materials will highlight which resources to read during the subject delivery. Please follow the instructions on LearnJCU in order to pay for the licence." | | |
| CP2403 | Information Processing and Visualisation | Recommended | "Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython, Other related digital resources and online materials (e.g. YouTube videos, websites) will be provided on LearnJCU. " | Wes McKinney | O'Reilly Media, Inc, USA |
| CP2404 | Database Modelling | Textbook | Database Systems: Design, Implementation, & Management, 13th Ed., (or 12th Edition) (2019) | Coronel and Morris | Cengage Learning |
| CP2405 | Collective Intelligence and Entrepreneurship | Textbook | Radical Openness: Four Unexpected Principles for Success (eBook) | Don Tapscott and Anthony D. Williams | Four Unexpected Principles for Success |
| CP2406 | Programming III | No Prescribed Textbook | | | |
| CP2408 | Design Thinking and Creative IT Industries | Textbook | Lean UX: Applying Lean Principles to Improve User Experience, (2013) | Gothelf, J. | O'Reilly Media, Inc. ISBN: 978-1-449-31165-0 |
| CP2414 | Network Security | Textbook | Network Security Essentials: Applications and Standards, Global Edition (6e) (2018) | William Stallings | Pearson, ISBN- 9781292154855 |
| CP3102 | Multidisciplinary Project | | No Prescribed Textbook | | |
| CP3401 | e-Strategic Management | Textbook | E-Commerce 2019, 15th Edition, Global Edition | Kenneth Laudon and Carol Traver | https://www.amazon.com.au/Commerce-2019-Business-Technology-So/dp/1292303174 |

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| CP3403 | Data Mining | Recommended | "Introduction to Data Mining (2019) Data Mining: Practical Machine Learning Tools and Techniques 4th ed. (2016) or later ed. Data Mining: Concepts and Techniques 3rd ed. (2012) or later ed. Data mining for business intelligence: Concepts, techniques, and applications in microsoft office excel with XLminer, 2nd ed. (2010) or later ed. Data mining: Methods and techniques (2007) or later ed." | "Pang-Ning Tan, Michael Steinbach and Vipin Kumar Ian H. Witten, Eibe Frank, and Mark Hall Jiawei Han, Micheline Kamber and Jian Pei Galit Shmueli, Nitin R. Patel and Peter C. Bruce A B M Shawkat Ali and Saleh A. Wasimi" | "Pearson Morgan Kaufmann ISBN: 0-12-088407-0 Morgan Kaufmann ISBN: 978-0123814791 John Wiley & Sons Cengage" |
| CP3405 | Design Thinking and Project Management | | No Prescribed Textbook | | |
| CP3406 | Mobile Computing | Textbook | Head-first Android Development: A brain-friendly guide (2nd Edition, August 19, 2017) | Dawn Griffiths and David Griffiths | O'Reilly Media; ISBN-10: 1491974052 |
| CP3413 | Information Processing and Visualisation | Recommended | "Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython, Other related digital resources and online materials (e.g. YouTube videos, websites) will be provided on LearnJCU. " | Wes McKinney | O'Reilly Media, Inc, USA |
| MA1020 | Preparatory Mathematics | Recommended | Excel Series Algebra 1,2&3 Foundation Maths 6th Edition | Lyn Baker A Croft and R. Davison | Pascal Press |

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