# 4<sup>th</sup> Year / MSc Book List 2014-15

| Recommendation , E-Essential, R-Recommended, <> Background | | | | | Last Modified 24/09/2014 | | | |
|---|---|---|---|---|---|---|---|---|
| Course code | Description | Lecturer | Semester | Recomm-endation | Author | Title | Publisher | Edition |
| EEE6085 | Selected Topics in Computer Vision Engineering | Dr P Rockett | 1 & 2 | | | *Will be recommended during the course* | | |
| EEE6200 | AC Machines | Prof G Jewell / Mr K Mitchell / KDW | 1 & 2 | R | M.G. Say | Alternating Current Machines | Longman Scientific and Technical | |
| EEE6200 | AC Machines | Prof G Jewell / Mr K Mitchell / KDW | 1 & 2 | R | S.A. Nasar | Electromechanics and Electric Machines | John Wiley & Sons | |
| EEE6200 | AC Machines | Prof G Jewell / Mr K Mitchell / KDW | 1 & 2 | R | C.V. Jones | The Generalised Theory of Machines | Butterworths | |
| EEE6200 | AC Machines | Prof G Jewell / Mr K Mitchell / KDW | 1 & 2 | R | T.J.E. Miller | Switched Reluctance Motors and Their Control | Magna Physics Publishing | |
| EEE6201 | Advanced Control of Electric Drives | Dr A Griffo | 1 & 2 | R | D.W. Novotny & T. Lipo | Vector Control and Dynamics of AC Drives | Clarendon Press, Oxford | |
| EEE6201 | Advanced Control of Electric Drives | Dr A Griffo | 1 & 2 | R | M.P. Kazmierkowki & P. Krishnan | Control of Electric Machine Drive System | IEEE Press | |
| EEE6201 | Advanced Control of Electric Drives | Dr A Griffo | 1 & 2 | R | F. Blaabjerg | Control in Power Electronics – Selected Problems | Academic Press | |
| EEE6201 | Advanced Control of Electric Drives | Dr A Griffo | 1 & 2 | R | B.K. Bose | Power Electronics and Variable Frequency Drives | IEEE Press | |
| EEE6202 | Energy Storage Management | Prof D Stone / Dr C Gould | 1 & 2 | R | | *Will be recommended during the course* | | |
| EEE6203 | Motion Control and Servo Drives | Prof J Wang | 1 & 2 | R | B.W. Williams | Power Electronics – Devices, Drivers & Applications | Macmillan | |
| EEE6203 | Motion Control and Servo Drives | Prof J Wang | 1 & 2 | R | T.J.E. Miller | Brushless Permanent-Magnet and Reluctance Motor Drives | OUP | |
| EEE6203 | Motion Control and Servo Drives | Prof J Wang | 1 & 2 | R | W. Leonhard | Control of Electrical Devices | Springer | |
| EEE6203 | Motion Control and Servo Drives | Prof J Wang | 1 & 2 | R | N. Mohan, T.M. Undeland & W.P. Robbins | Power Electronics: Converters, Applications and Design | John Wiley | |
| EEE6203 | Motion Control and Servo Drives | Prof J Wang | 1 & 2 | R | B.K. Bose | Electronics and Variable Frequency Drives | IEEE Press | |
| EEE6203 | Motion Control and Servo Drives | Prof J Wang | 1 & 2 | R | I. Husain | Electric and Hybrid Vehicles | CRC Press | 2003 |
| EEE6203 | Motion Control and Servo Drives | Prof J Wang | 1 & 2 | R | S.K. Sul | Control of Electric Machines Drive Systems | IEEE Press | 2011 |
| EEE6204 | Permanent Magnet Machines and Actuators | Dr GJ Li / Prof Q Zhu / Prof G Jewell | 1 & 2 | R | D.C. Hanselman | Brushless Permanent-Magnet Motor Design | McGraw-Hill | |
| EEE6204 | Permanent Magnet Machines and Actuators | Dr GJ Li / Prof Q Zhu / Prof G Jewell | 1 & 2 | R | J.R. Hendershot & T.J.E Miller | Design of Brushless Permanent Magnet Motors | Oxford Science | |
| EEE6204 | Permanent Magnet Machines and Actuators | Dr GJ Li / Prof Q Zhu / Prof G Jewell | 1 & 2 | R | J. Pyrhonen, T. Jokinen, & V. Hrabovcova | Design of Rotating Electrical Machines | John Wiley | |
| EEE6204 | Permanent Magnet Machines and Actuators | Dr GJ Li / Prof Q Zhu / Prof G Jewell | 1 & 2 | R | T.A. Lipo | Introduction to AC machine design | Univ of Wisconsin | |

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|---|---|---|---|---|---|---|---|---|
| EEE6204 | Permanent Magnet Machines and Actuators | Dr GJ Li / Prof Q Zhu / Prof G Jewell | 1 & 2 | R | J. Gireas & M. Wing | Permanent Magnet Motor Technology | Marcel Dekker | |
| EEE6205 | Power Electronic Converters | Dr M Odavic | 1 & 2 | R | B.W. Williams | Power Electronics - Devices, Drivers & Applications | Macmillan | |
| EEE6205 | Power Electronic Converters | Dr M Odavic | 1 & 2 | R | N. Mohan, T.M. Undeland & W.P. Robbins | Power Electronics: Converters, Applications and Design | John Wiley&Sons | |
| EEE6205 | Power Electronic Converters | Dr M Odavic | 1 & 2 | R | D.Grahame Holmes, Thomas A.Lipo | Pulse width modulation for power converters: Principles and Practice | John Wiley&Sons | |
| EEE6205 | Power Electronic Converters | Dr M Odavic | 1 & 2 | R | A. Gonzalez, S.A. Verne & M.I. Valla | Multilevel Converters for Industrial Applications | CRC Press Taylor& Frances Group | |
| EEE6205 | Power Electronic Converters | Dr M Odavic | 1 & 2 | R | Bin Wu | High-Power Converters and AC Drives | IEEE Press | |
| EEE6205 | Power Electronic Converters | Dr M Odavic | 1 & 2 | R | M. Kazimierczuk & D. Czarkowski | Resonant power converters | John Wiley&Sons | |
| EEE6205 | Power Electronic Converters | Dr M Odavic | 1 & 2 | R | J.Rodriguez, M.Rivera, J.W.Kolar& P.W.Wheeler | A Review of Control and Modulation Methods for Matrix Converters | IEEE Transactions on Industrial Electronics | |
| EEE6206 | Power Semiconductor Devices | Prof S Madathil | 1 & 2 | R | B.G. Streetman | Solid State Electronic Devices | | |
| EEE6206 | Power Semiconductor Devices | Prof S Madathil | 1 & 2 | R | S.M. Sze | Semiconductor Devices: Physics and Technology | | |
| EEE6206 | Power Semiconductor Devices | Prof S Madathil | 1 & 2 | R | B.J. Baliga | Power Semiconductor Devices | | |
| EEE6206 | Power Semiconductor Devices | Prof S Madathil | 1 & 2 | R | D.K. Schroder | Semiconductor Material and Device Characterisation | | |
| EEE6206 | Power Semiconductor Devices | Prof S Madathil | 1 & 2 | R | V. Benda | Power Semiconductor Devices: Theory and Application | | |
| EEE6206 | Power Semiconductor Devices | Prof S Madathil | 1 & 2 | R | N. Mohan | Power Electronics Converters, Applications and Design | | |
| EEE6206 | Power Semiconductor Devices | Prof S Madathil | 1 & 2 | R | B.J. Baliga | Silicon Carbide Power Devices | | |
| EEE6206 | Power Semiconductor Devices | Prof S Madathil | 1 & 2 | R | V. Khanna | Insulated Gate Bipolar Transistor: Theory and Design | | |
| EEE6207 | Advanced Computer Systems | Dr L Seed | 1 & 2 | R | Silberschatz, Galvin & Gagne | Operating System Concepts | Addison-Wesley | |
| EEE6207 | Advanced Computer Systems | Dr L Seed | 1 & 2 | R | Hennessy & Patterson | Computer Architecture - A Quantitative Approach | Morgan Kaufmann | |
| EEE6207 | Advanced Computer Systems | Dr L Seed | 1 & 2 | R | Hwang & Briggs | Computer Architecture and Parallel Processing | McGraw-Hill | |
| EEE6207 | Advanced Computer Systems | Dr L Seed | 1 & 2 | R | H.S. Stone | High Performance Computer Architectures | Addison-Wesley | |
| EEE6207 | Advanced Computer Systems | Dr L Seed | 1 & 2 | R | A.J. Van de Goor | Computer Architecture and Design | Addison-Wesley | |
| EEE6208 | Advanced Integrated Electronics | Dr Andy Maiden/Dr Neil Powell | 1 & 2 | R | Sedra & Smith | Microelectronic Circuits | Oxford University Press | 6 |
| EEE6208 | Advanced Integrated Electronics | Dr Andy Maiden/Dr Neil Powell | 1 & 2 | R | N. Weste & K. Eshragian | Principles of CMOS VLSI Design A Systems Perspective | Addison Wesley | |
| EEE6208 | Advanced Integrated Electronics | Dr Andy Maiden/Dr Neil Powell | 1 & 2 | R | J.P. Uyemura | Introduction to VLSI Circuits and Systems | Wiley | |
| EEE6208 | Advanced Integrated Electronics | Dr Andy Maiden/Dr Neil Powell | 1 & 2 | R | M.J.S Smith | Application-Specific Integrated Circuits | Addison Wesley | |

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|---|---|---|---|---|---|---|---|---|
| EEE6208 | Advanced Integrated Electronics | Dr Andy Maiden/Dr Neil Powell | 1 & 2 | R | J. Rabaey | Digital Integrated Circuits - A Design Perspective | Prentice Hall | |
| EEE6208 | Advanced Integrated Electronics | Dr Andy Maiden/Dr Neil Powell | 1 & 2 | R | R.L. Geiger, P.E. Allen & N.R. Strader | VLSI Design Techniques for Analog and Digital Circuits | McGraw Hill | |
| | | | | | | | | |
| EEE6209 | Advanced Signal Processing | Dr C Abhayaratne / Dr W Liu | 1 & 2 | R | Mulgrew, Grant and Thompson | Digital Signal Processing : Concepts and Applications | | |
| EEE6209 | Advanced Signal Processing | Dr C Abhayaratne / Dr W Liu | 1 & 2 | R | J. Proakis & D. Manalokis | Digital Signal Processing | Prentice Hall | |
| EEE6209 | Advanced Signal Processing | Dr C Abhayaratne / Dr W Liu | 1 & 2 | R | J. Proakis & D. Manalokis | Wavelets & Subband coding | http://www.waveletsandsubbandcoding.org/ | |
| EEE6209 | Advanced Signal Processing | Dr C Abhayaratne / Dr W Liu | 1 & 2 | R | A. Oppenheim & R. Schafer | Discrete-time Signal Processing | | |
| EEE6209 | Advanced Signal Processing | Dr C Abhayaratne / Dr W Liu | 1 & 2 | R | W. Liu &S. Weiss | Wideband Beamforming: Concepts and Techniques | | |
| EEE6210 | Aerospace Actuation | Prof K Atallah / Prof G Jewell | 1 & 2 | R | B.W. Williams | Power Electronics -Devices, Drivers & Applications | Macmillan | |
| EEE6210 | Aerospace Actuation | Prof K Atallah / Prof G Jewell | 1 & 2 | R | T.J.E Miller | Brushless Permanent- Magnet and Reluctance Motor Drives | OUP | |
| EEE6210 | Aerospace Actuation | Prof K Atallah / Prof G Jewell | 1 & 2 | R | W. Leonhard | Control of Electrical Drives | Springer | |
| EEE6210 | Aerospace Actuation | Prof K Atallah / Prof G Jewell | 1 & 2 | R | N. Mohan et al. | Applications and Design | John Wiley | |
| EEE6210 | Aerospace Actuation | Prof K Atallah / Prof G Jewell | 1 & 2 | R | B.K. Bose | Electronics and Variable Frequency Drives | IEEE Press | |
| EEE6211 | Avionic Technologies | Prof K Atallah | 1 & 2 | R | R.P.G. Collinson | Introduction to Avionics | Chapman & Hall | |
| EEE6211 | Avionic Technologies | Prof K Atallah | 1 & 2 | R | E.H.J. Pallett | Aircraft Electrical Systems | Longman | |
| EEE6211 | Avionic Technologies | Prof K Atallah | 1 & 2 | R | T.L. Floyd | Digital Fundamentals | Prentice Hall | |
| EEE6211 | Avionic Technologies | Prof K Atallah | 1 & 2 | R | B. Keiser | Principles of Electromagnetic Compatibility | Artech House | |
| EEE6212 | Semiconductor Materials | Dr T Walther / Prof R Hogg | 1 & 2 | R | Ashcroft & Mermin | Solid State Physics | Brooks/Cole | |
| EEE6212 | Semiconductor Materials | Dr T Walther / Prof R Hogg | 1 & 2 | R | Kittel | Introduction to Solid State Physics | John Wiley & Sons | |
| EEE6212 | Semiconductor Materials | Dr T Walther / Prof R Hogg | 1 & 2 | R | Fox | Optical Properties of Solids | OUP | |
| EEE6212 | Semiconductor Materials | Dr T Walther / Prof R Hogg | 1 & 2 | R | Kelly | Low Dimensional Semiconductors | OUP | |
| EEE6212 | Semiconductor Materials | Dr T Walther / Prof R Hogg | 1 & 2 | R | Sze | Physics of Semiconductor Devices | Wiley | |
| EEE6212 | Semiconductor Materials | Dr T Walther / Prof R Hogg | 1 & 2 | R | Phillips | Crystals, Defects & Microstructures | CUP | |
| EEE6213 | Principles of Semiconductor Device Technology | Prof M DeSouza | 1 & 2 | R | J.W. Mayer & S.S. Lau | Electronic Materials Science for Integrated Circuits in Si and GaAs | Macmillan | |
| EEE6213 | Principles of Semiconductor Device Technology | Prof M DeSouza | 1 & 2 | R | R.A. Strading & P.C. Klipstein | Growth and Characterisation of Semiconductors | IOP Publishing | |

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|---|---|---|---|---|---|---|---|---|
| EEE6213 | Principles of Semiconductor Device Technology | Prof M DeSouza | 1 & 2 | R | P.E.J Flewitt & R.K. Wild | Physical Methods for Materials Characterisation | IOP Publishing | |
| EEE6213 | Principles of Semiconductor Device Technology | Prof M DeSouza | 1 & 2 | R | S.A. Campbell | Science and Engineering of Microelectronic Fabrication | Oxford | |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | R. Tummala | Fundamentals of Microsystem Packaging | McGraw Hill (or eBook via Library) | 2001 |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | M. Ohring | Reliability and Failure of Electronic Materials and Devices | Academic Press (or eBook via Library) | 1998 |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | B. Wu | 3D IC Stacking Technology | McGraw Hill | 2011 |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | J.E. Sergent | Hybrid Microelectronics Handbook | McGraw Hill | 1995 |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | P.L. Martin | Electronic Failure Analysis Handbook | McGraw Hill | 1999 |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | N. Pascoe | Reliability Technology | Wiley | 2011 |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | R.J. Hannermann | Physical Architecture of VLSI Systems | Wiley | 1994 |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | J.H. Lau | Flip Chip Technologies | McGraw Hill | 1995 |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | E. Amerasekera | Failure Mechanisms in Semiconductor Devices | Wiley | 1998 |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | M. Pecht | Guidebook to Managing Silicon Chip Reliability | CRC | 1999 |
| EEE6214 | Packaging and Reliability of Microsystems | Dr G Williams / Dr K Groom | 1 & 2 | R | P. Lall | Influence of temperature on Microelectronics and System Reliability | CRC | 1997 |
| EEE6215 | Nanoscale Electronic Devices | Prof M Hopkinson | 1 & 2 | R | S.M. Sze & M.J. Lee | Semiconductor Devices: Physics and Technology | Wiley | |
| EEE6215 | Nanoscale Electronic Devices | Prof M Hopkinson | 1 & 2 | R | D.L. Pulfrey | Understanding Modern Transistors and diodes | Cambridge | |
| EEE6215 | Nanoscale Electronic Devices | Prof M Hopkinson | 1 & 2 | R | S.M. Sze & K.K. Ng | Physics of semiconductor devices | Wiley | |
| EEE6215 | Nanoscale Electronic Devices | Prof M Hopkinson | 1 & 2 | R | B.G. Streetman & S. Banerjee | Solid state electronic devices | Prentice Hall | |
| EEE6215 | Nanoscale Electronic Devices | Prof M Hopkinson | 1 & 2 | R | Y. Taur & T.H. Ning | Fundamentals of modern VLSO devices | Cambridge | |
| EEE6216 | Energy Efficient Semiconductor Devices | Prof J David / Prof M Hopkinson | 1 & 2 | R | S.M. Sze & M.J. Lee | Semiconductor Devices: Physics and Technology | Wiley | |
| EEE6217 | Optical Communication Devices and Systems | Prof T Wang | 1 & 2 | R | J.M. Senior | Optical Fibre Communications | Prentice-Hall | |
| EEE6217 | Optical Communication Devices and Systems | Prof T Wang | 1 & 2 | R | P. Battacharya | Semiconductor Optoelectronic Devices | Prentice-Hall | |
| EEE6217 | Optical Communication Devices and Systems | Prof T Wang | 1 & 2 | R | G. Gowar | Optical Communications Systems | Prentice-Hall | |
| EEE6217 | Optical Communication Devices and Systems | Prof T Wang | 1 & 2 | R | J. Singh | Semiconductor Optoelectronics | McGraw-Hill | |
| EEE6218 | Visual Information Processing | Dr C Abhayaratne | 1 & 2 | R | M. Vetterli & J. Kovacavic | Wavelets & Sub-band coding | http://www.waveletsandsubbandcoding.org/ | |

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|---|---|---|---|---|---|---|---|---|
| EEE6218 | Visual Information Processing | Dr C Abhayaratne | 1 & 2 | R | R. Gonzalez & R. Wood | Digital image processing | Prentice Hall | |
| EEE6218 | Visual Information Processing | Dr C Abhayaratne | 1 & 2 | R | S. Heath | Multimedia and Communications Technology | Focal Press | |
| EEE6218 | Visual Information Processing | Dr C Abhayaratne | 1 & 2 | R | A. M. Tekalp | Digital Video Processing | Prentice Hall | |
| EEE6218 | Visual Information Processing | Dr C Abhayaratne | 1 & 2 | R | Gerard de Haan | Digital Video Post Processing | | |
| EEE6219 | Computer Vision | Dr P Rockett | 1 & 2 | R | | | | |
| EEE6220 | Electronic Communication Technologies | Dr L Ford / Dr S Khamas | 1 & 2 | R | B. Keiser | Principles of Electromagnetic Compatibility | Artech House | |
| EEE6220 | Electronic Communication Technologies | Dr L Ford / Dr S Khamas | 1 & 2 | R | C. Marshman | The Guide to the EMC. Directive | E.P.A Press | |
| EEE6220 | Electronic Communication Technologies | Dr L Ford / Dr S Khamas | 1 & 2 | R | T. Williams | EMC for Product Designers | Newnes | |
| EEE6220 | Electronic Communication Technologies | Dr L Ford / Dr S Khamas | 1 & 2 | R | H. Ott | Noise reduction techniques in electronic systems | Wiley | |
| EEE6220 | Electronic Communication Technologies | Dr L Ford / Dr S Khamas | 1 & 2 | R | Reinhold Ludwig, Pavel Bretchko | RF Circuit Design; Theory and Applications | Prentice-Hall | |
| EEE6220 | Electronic Communication Technologies | Dr L Ford / Dr S Khamas | 1 & 2 | R | V.F. Fusco | Microwave Circuits; Analysis and Design | Prentice-Hall | |
| EEE6220 | Electronic Communication Technologies | Dr L Ford / Dr S Khamas | 1 & 2 | R | J. Everard | Fundamentals of RF Circuit Design | Wiley | |
| EEE6221 | Data Coding Techniques for Communication and Storage | Dr M Benaissa | 1 & 2 | R | Halsall | Data Communications and Computer Networks | Addison-Wesley | |
| EEE6221 | Data Coding Techniques for Communication and Storage | Dr M Benaissa | 1 & 2 | R | Stallings | Data and Computer Networks | McMillan | |
| EEE6221 | Data Coding Techniques for Communication and Storage | Dr M Benaissa | 1 & 2 | R | Sweeney | Error Control Coding | Prentice-Hall | |
| EEE6221 | Data Coding Techniques for Communication and Storage | Dr M Benaissa | 1 & 2 | R | Guy | Data communications for Engineers | Macmillan | |
| EEE6221 | Data Coding Techniques for Communication and Storage | Dr M Benaissa | 1 & 2 | R | Bissell | Digital Signal Transmission | Cambridge | |
| EEE6221 | Data Coding Techniques for Communication and Storage | Dr M Benaissa | 1 & 2 | R | Houghton | The Engineer's error coding Handbook | Chapman & Hall | |
| EEE6222 | Advanced Communication Principles | Dr W Liu | 1 & 2 | R | B. Sklar | Digital Communications | Prentice-Hall | |
| EEE6222 | Advanced Communication Principles | Dr W Liu | 1 & 2 | R | M.S. Roden | Digital Communication Systems Design | Prentice-Hall | |
| EEE6222 | Advanced Communication Principles | Dr W Liu | 1 & 2 | R | R.L. Brewster | Telecommunications Technology | Ellis Horwood | |
| EEE6222 | Advanced Communication Principles | Dr W Liu | | R | P.H. Young | Electronic Communication Techniques | Macmillan | |
| EEE6222 | Advanced Communication Principles | Dr W Liu | | R | W.C.Y Lee | Mobile Communications Design Fundamentals | Wiley | |
| EEE6223 | Antennas, Propagation and Satellite Systems | Dr G Cook / Dr J Riglesford | 1 & 2 | R | C.A. Balanis | Antenna Theory | Harper and Row | |
| EEE6223 | Antennas, Propagation and Satellite Systems | Dr G Cook / Dr J Riglesford | 1 & 2 | R | R.E. Collin | Antennas and Radio Wave Propagation | McGraw-Hill/ISE | |
| EEE6223 | Antennas, Propagation and Satellite Systems | Dr G Cook / Dr J Riglesford | 1 & 2 | R | E.V. Jull | Aperture Antennas and Diffraction Theory | IEE Peter Perigrinus | |

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|---|---|---|---|---|---|---|---|---|
| EEE6223 | Antennas, Propagation and Satellite Systems | Dr G Cook / Dr J Riglesford | 1 & 2 | R | S. Silver | Microwave Antenna Theory and Design | McGraw-Hill | |
| EEE6223 | Antennas, Propagation and Satellite Systems | Dr G Cook / Dr J Riglesford | 1 & 2 | R | S. Ramo, J.R Whinnery & T. Van Duzer | Fields and Waves in Communication Electronics | John Wiley & Sons | |
| EEE6223 | Antennas, Propagation and Satellite Systems | Dr G Cook / JMRig | 1 & 2 | R | H. Benoit | Satellite Television | Arnold | |
| EEE6223 | Antennas, Propagation and Satellite Systems | Dr G Cook / JMRig | 1 & 2 | R | J.M. Gomez | Satellite Broadcast Systems Engineering | Artech House | |
| EEE6224 | Mobile Networks and Physical Layer Protocols | Dr G Cook | 1 & 2 | R | Redl, M. Siegmund, M.K. Weber & M.W. Oliphant | An Introduction to GSM | Artech House | |
| EEE6224 | Mobile Networks and Physical Layer Protocols | Dr G Cook | 1 & 2 | R | H. Holma & A. Toskala | WCDMA for UMTS | Wiley | |
| EEE6224 | Mobile Networks and Physical Layer Protocols | Dr G Cook | 1 & 2 | R | F. Stremler | Introduction to Communication Systems | Addison Wesley | |
| EEE6225 | Systems Design | NLS / Dr M Benaissa | 1 & 2 | R | F. Vahid & R. Lysecky | Verilog for Digital Design | John Wiley | |
| EEE6225 | Systems Design | NLS / Dr M Benaissa | 1 & 2 | R | Zeimer & Peterson | Introduction to Digital Communications | McMillan | |
| EEE6226 | Future Electronic and Electrical Engineering Trends | *TBC* | 1 & 2 | R | | *Will be recommended during the course* | | |
| EEE6431 | Broadband Wireless Techniques | Prof T O'Farrell | 1 & 2 | R | Andrea Goldsmith | Wireless Communications | Cambridge University Press | |
| EEE6432 | Wireless Packet Data Networks and Protocols | Prof J Zhang | 1 & 2 | R | L.L. Peterson & B.S. Davie | Computer Networks: A Systems Approach | Morgan Kaufmann | |
| EEE6432 | Wireless Packet Data Networks and Protocols | Prof J Zhang | 1 & 2 | R | W. Stallings | Wireless Communications and Networks | Prentice Hall | |
| EEE6432 | Wireless Packet Data Networks and Protocols | Prof J Zhang | 1 & 2 | R | A.S. Tanenbaum & D.J. Wetherall | Computer Networks: International Version | Pearson | |
| EEE6432 | Wireless Packet Data Networks and Protocols | Prof J Zhang | 1 & 2 | R | H.Holma& A. Toskala | WCDMA for UMTS: HSPA Evolution and LTE | John Wiley & Sons | |
| EEE6432 | Wireless Packet Data Networks and Protocols | Prof J Zhang | 1 & 2 | R | H.Holma& A. Toskala | LTE for UMTS: Evolution to LTE-Advanced: Evolution to LTE-Advanced | John Wiley & Sons | |
| EEE6432 | Wireless Packet Data Networks and Protocols | Prof J Zhang | 1 & 2 | R | H.Holma& A. Toskala | WCDMA for UMTS – Radio Access for Third Generation Mobile Communications | John Wiley & Sons | |