

Subjects offered in 2024-25

28-Aug-24

The list below is subject to review and changes which the Department can decide to make from time to time.

| Subject Code | Subject | Theme | 2024-25 Subject Coordinator | Offer Semester | Teaching Staff |
|--------------|---|-------|-----------------------------|----------------|---|
| ENG2001 | Fundamentals of Materials Science and Engineering | AMT | Yang XS | 1 | Yang XS |
| ENG3003 | Engineering Management | EML | Choi CK | 1 | Choi CK Chan Claus (VL) |
| ENG3003 | Engineering Management | EML | Choi CK | 2 | Tsang Paul |
| ENG3004 | Society and the Engineer | EML | Choi CK | 1 | Choi CK Chan Claus (VL) |
| ENG3004 | Society and the Engineer | EML | Choi CK | 2 | Choi CK |
| ENG4001 | Project Management | EML | Xu Min | 1 | Chan Claus (VL) Zhang Xiaoge |
| ENG4001 | Project Management | EML | Xu Min | 2 | Xu Min Zhang Xiaoge |
| ISE1001 | Basic Artificial Intelligence and Data Analytics for Efficiency and Effectiveness in Daily Life | AMT | Tang CY | 2 | Tang CY Chung Nick Tang YM Ng Vincent (VL) |
| ISE1002 | Basic Artificial Intelligence and Data Analytics: From Data to Decisions quota | AMT | Tang CY | 1 | Tang CY Chung Nick Tang YM Ng Vincent (VL) |
| ISE1BN03 | The Belt and Road Initiative: Opportunities and Challenges (CAR) | EML | Chen Zibin | 3 | Chen Zibin |
| ISE1D01 | Learning for a Sustainable Future (CAR) - Nanchang | EML | Song Zaixin | 3 | Song Zaixin |
| ISE1D02 | Renewable Energy for a Sustainable World (CAR) | EML | Xu ZL | 1 | Xu ZL |
| ISE1D02 | Renewable Energy for a Sustainable World (CAR) | EML | Xu ZL | 2 | Xu ZL |
| ISE2001 | Introduction to Enterprise Computing | EML | Law Roy | 2 | Law Roy |
| ISE2002 | Instrumentation and Automation Systems | AMT | Tang CY | 1 | Tang CY |
| ISE2105 | Engineering Communication and | AMT | Tang CY | 1 to 2 | IC Staff |
| ISE2121 | Appreciation of Manufacturing Technologies | AMT | Yang XS | 2 | IC Staff |
| ISE2126 | ERP Advanced | EML | Chung Nick | 1 | IC Staff |
| ISE2129 | Computer Tools in Resources Planning and Analysis | SSD | Law Roy | 2 OR 1 to 2 | IC Staff |
| ISE246 | Introduction to Logistics Engineering | EML | Chung Nick | 2 | Chung Nick |
| ISE247 | Fundamental of Enterprise Systems | EML | Lee Carman | 2 | Lee Carman |
| ISE2S02 | Comprehending And Overcoming Learning Hurdles In Science, Technology, Engineering, And Mathematics For Local Schools (SL subject) | AMT | Tang CY | 2 to 3 | Tang CY Chan KC Tsui Gary Tang YM Roy Law |

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|--------------|---|-------|-----------------------------|----------------|---|
| ISE2S02S | Comprehending And Overcoming Learning Hurdles In Science, Technology, Engineering, And Mathematics For Local Schools (SL subject) | AMT | Tang CY | 3 | Tang CY Chan KC Tsui Gary Tang YM Roy Law |
| ISE3001 | Operations Research I | EML | Lee Carman | 1 | Lee Carman Zheng Pai |
| ISE3001 | Operations Research I | EML | Lee Carman | 2 | Lee Carman Zheng Pai |
| ISE3002 | Planning for Production and Service Systems | EML | Lee LH Paul | 1 | Lee Paul Tsang Paul |
| ISE3004 | Systems Modeling and Simulation | SSD | Wang Chunjin | 2 | Wang Chunjin |
| ISE3005 | Knowledge Management Systems and Applications | EML | Sumbal Saleem | 2 | Sumbal Saleem |
| ISE3006 | Materials and Processes Selection | AMT | Chan LC | 1 | Chan LC |
| ISE3007 | Integrated Product Engineering Project I | SSD | Tsui Gary | 2 | Tsui Gary |
| ISE3010 | Integrated Aviation Systems Project | EML | Chung Nick | 1 to 2 | IC Staff |
| ISE3013 | Data Management in Aviation Industries | EML | Wen Windy | 1 | Ting Jacky (VL) Douglas Ian |
| ISE3015 | Applications of Operations Research in Aviation | EML | Zhang Xiaoge | 1 | Zhang Xiaoge |
| ISE3016 | Aviation Safety and Security Management | EML | Fu XW | 2 | Fu XW |
| ISE3018 | Logistics Automation | EML | Yang Lidong | 1 | Yang Lidong |
| ISE3020 | Introduction to Aviation Management | EML | Chung Nick | 1 | Yee Dewey Douglas Ian Chung Nick |
| ISE3021 | Warehousing Technologies and Operations | EML | Li YM | 1 | Li YM |
| ISE306 | Tool Design | SSD | To Sandy | 2 | To Sandy |
| ISE3103 | Integrated Project | AMT | Tang CY Wong Sidney (IC) | 1 to 2 | IC Staff |
| ISE318 | Industrial Engineering Techniques and Methods | EML | Ren JZ | 1 | Ren JZ |
| ISE328 | Technology and Applications of Electronic Business Systems | EML | Tang YM | 1 | Tang YM Tsang Paul |
| ISE330 | Product Safety & Reliability | EML | Yang XS | 2 | Yang XS Zhang Xiaoge |
| ISE369 | Quality Engineering | EML | Chen PC | 1 | Chen PC |
| ISE373 | Packaging and Storage Technology | EML | Yip Lenny | 1 | Yip Lenny |
| ISE375 | Enterprise Systems Modeling and Design | EML | Wang Chunjin | 1 | Law Roy Wang Chunjin |
| ISE376 | Entrepreneurship and Innovation | EML | Chen PC | 2 | Chen PC |

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|--------------|--|-------|-----------------------------|----------------|-------------------------------------|
| ISE386 | Integrated Design for Manufacture | SSD | Zhao Billy | 1 | Wen Sitman Zhao Billy |
| ISE4004 | Enterprise Resources Planning | EML | Chung Nick | 1 | Chung Nick Sumbal Saleem |
| ISE4005 | Eco-design and Manufacture | SSD | Chen Zibin | 2 | Chen Zibin |
| ISE4008 | Individual Project | | Lee Carman | 1 to 2 | |
| ISE4009 | Advanced Manufacturing Technology | AMT | To Sandy | 1 | To Sandy Xu ZL |
| ISE4014 | Aircraft Service Engineering and Logistics | EML | Xu Min | 1 | Xu Min Douglas Ian |
| ISE4015 | Airport Logistics Engineering | EML | Wen Windy | 1 | Wen Windy |
| ISE4022 | Fleet and Flight Management | EML | Xu Min | 1 | Yee Dewey Douglas Ian |
| ISE404 | Total Quality Management | EML | Choi CK | 2 | Choi CK |
| ISE418 | Computer-Aided Product Design | SSD | Tang YM | 1 | Tang YM |
| ISE430 | New Product Planning and Development | SSD | Zheng Pai | 1 | Zheng Pai |
| ISE431 | Engineering Costing and Evaluation | EML | Tsang Paul | 2 | Tsang Paul |
| ISE445 | Capstone Project | | Tang YM | 1 to 2 | |
| ISE448 | Production Logistics | EML | Choi CK | 1 | Wen Windy Choi CK |
| ISE449 | Mobile Technologies for Logistics Systems | EML | Huang Chao | 2 | Yung KL Huang Chao |
| ISE450 | Simulation of Logistics Systems | EML | Tang YM | 1 | Tang YM |
| ISE457 | Business Process Management | EML | Wang Kun | 2 | Wang Kun |
| ISE460 | Logistics Information Management | EML | Lee Carman | 1 | Lee Carman Huang Chao |
| ISE461 | Green Legislation and Supply Chain Logistics | EML | Choi CK | 2 | Wen Windy Choi CK |
| ISE5001 | Technology Transfer and Commercialisation | EML | Cheung CF | 1 | Cheung CF Willoughby Kelvin (VL) |
| ISE5002 | Field Study of Technology Organisations | EML | Chan KC | 2 | Chan KC Chen PC |
| ISE5003 | Dissertation | EML | Xu Min | 1 to 2 | |
| ISE5019 | Optimization Modeling and Applications | EML | Ren JZ | 1 | Xu Min Ren JZ |
| ISE5021 | Technology Project Management | EML | Chen PC | 1 | Chen PC |
| ISE5022 | Financial Decision Analysis for Technology Management | EML | Chen PC | 2 | Chen PC Ng Artie (VL) |
| ISE5026 | Technology Entrepreneurship and Innovation in Practice | EML | Lee Paul | 1 | Lee Paul Chen PC |

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|--------------|--|-------|-----------------------------|----------------|--|
| ISE512 | Warehousing and Material Handling Systems | EML | Tsang Paul | 2 | Tsang Paul Li Ming |
| ISE518 | Workflow Design and Management | EML | Ren JZ | 1 | Ren JZ |
| ISE525 | Global Operations and Logistics Management | EML | Zheng Pai | 1 | Zheng Pai NG Stephen (VL) |
| ISE526 | Enterprise Resources Planning | EML | Wang Kun | 1 | Wang Kun |
| ISE527 | Logistics Information Systems | EML | Tsang Paul | 1 | Fu XW Tsang Paul |
| ISE529 | Lim Dissertation | EML | Zhang Xiaoge | 1 to 2 | |
| ISE5301 | Frontiers in Industry 4.0 | SSD | Huang George | 1 | Huang George |
| ISE5311 | Advanced Manufacturing Processes | AMT | Wen Sitman | 1 | Wen Sitman Lenny Yip |
| ISE5312 | Industrial Human-Robot Systems and Automation | SSD | Yang Lidong | 2 | Yang Lidong |
| ISE5321 | Cyber-Physical Industrial 4.0 Systems | SSD | Li Ming | 2 | Li Ming |
| ISE5322 | Industrial Metaverse and Mixed Reality | SSD | Lee Paul | 2 | Lee Paul |
| ISE5323 | Smart Product-Service Systems | SSD | Zheng Pai | 1 | Zheng Pai |
| ISE5331 | Optimization and Data Analytics for Industrial 4.0 | SSD | Peng Zhe Jeffery | 1 | Wang JW (VL) Peng Zhe Jeffery |
| ISE5332 | Smart Manufacturing Operations | SSD | Zhao Billy | 2 | Zhao Billy |
| ISE5333 | Industrial Blockchain and Applications | SSD | Peng Zhe Jeffery | 2 | Peng Zhe Jeffery |
| ISE538 | Process and Performance Management | EML | Lee Carman | 2 | Lee Carman Chan HK (VL) |
| ISE542 | Managing Knowledge | EML | Cheung CF | 1 | Cheung CF Sumbal Saleem |
| ISE544 | Supply Chain Management Enabling Technologies | EML | Tang YM | 2 | Tang YM Song Zaixin |
| ISE548 | Risk and Crisis Management | EML | Zhang Xiaoge | 2 | Zhang Xiaoge Candies Lam (VL) |
| ISE549 | Management of Innovation and Technology | EML | Lee Carman | 1 | Lee Carman Chau YC (VL) Tsui Eric (VL) |
| ISE550 | Contemporary Logistic Issues in China | EML | Chen PC | 1 | Chen PC |
| ISE550 | Contemporary Logistic Issues in China | EML | Chen PC | 2 | Wen Sitman |
| ISE559 | Technology Audit and Assessment | EML | Chan KC | 2 | Chan KC Ford Simon (VL) |
| ISE5601 | Managing and Measuring Intellectual Capital | EML | Cheung CF | 2 | Cheung CF Selby Stephen (VL) |
| ISE5606 | Business Intelligence and Data Mining | EML | Tang YM | 2 | Tang YM |

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|--------------|--|-------|-----------------------------|----------------|------------------------|
| ISE6602 | Advanced Materials Processing Technologies | AMT | To Sandy | 2 | To Sandy Chen Zibin |
| ISE6606 | Seminars I | | Lee Carman | 1, 2 & 3 | |
| ISE6607 | Seminars II | | Lee Carman | 1, 2 & 3 | |
| ISE6608 | Seminars III | | Lee Carman | 1, 2 & 3 | |
| ISE6609 | Seminars IV | | Lee Carman | 1, 2 & 3 | |
| ISE6610 | Practicum I | | To Sandy | 1 & 2 | |
| ISE6611 | Practicum II | | To Sandy | 1 & 2 | |
| ISE6701 | Systems Transformation and Analysis | EM | Xu Min | 2 | |
| ISE6702 | Global Operations Strategy | LE | Lee Carman | 1 | |
| ISE6703 | Performance management System and Design | LE | Fu XW | 2 | |
| ISE6705 | Technological Innovation and Strategy | EM | Man HC | 2 | |