

Subjects offered in 2023/24 (For information only) 15 December 2023

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

| Subject Code | Subject | Theme | 2023-24 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 | Mak Martin (VL) |
| ENG3003 | Engineering Management | EML | Choi CK | 2 | Choi CK |
| ENG3004 | Society and the Engineer | EML | Chan Claus | 1 | Chan Claus |
| ENG3004 | Society and the Engineer | EML | Chan Claus | 2 | Chan Claus |
| ENG4001 | Project Management | EML | Xu Min | 1 | Chan Claus Zhang Xiaoge |
| ENG4001 | Project Management | EML | Xu Min | 2 | Xu Min Zhang Xiaoge Zhao Billy |
| 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 | Peng Zhe | 2 | Peng Zhe |
| ISE204 | Instrumentation and Product Testing | AMT | Tang CY | 1 | Tang CY |
| ISE2105/IC2105 | Engineering Communication and Fundamentals | AMT | Tang CY | 1 to 2 | IC Staff |
| ISE2121/IC2121 | Appreciation of Manufacturing Technologies | AMT | Yang XS | 2 | IC Staff |
| ISE2126/IC2126 | ERP Advanced | EML | Chung Nick | 1 | IC Staff |
| ISE2129/IC2129 | Computer Tools in Resources Planning and Analysis | SSD | Tsui Gary | 2 OR 1 to 2 | IC Staff |
| ISE246 | Introduction to Logistics Engineering | EML | Chung Nick | 2 | Chung Nick |
| ISE247 | Fundamental of Enterprise Systems | EML | Chan Claus | 2 | Chan Claus Lee Carman |
| ISE2S02 | Comprehending And Overcoming Learning Hurdles In Science, Technology, Engineering, And Mathematics For Local Schools (SL | AMT | Tang CY | 2 to 3 | |
| ISE2S02S | Comprehending And Overcoming Learning Hurdles In Science, Technology, Engineering, And Mathematics For Local Schools (SL | AMT | Tang CY | 3 | |
| ISE3001 | Operations Research I | EML | Lee Carman | 1 | Lee Carman Zheng Pai |

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| 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 LH Paul |
| ISE3004 | Systems Modeling and Simulation | SSD | Wang Chunjin | 2 | Wang Chunjin |
| ISE3005 | Knowledge Management Systems and Applications | EML | Sumbal Saleem | 2 | Tsui Eric (VL) 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/IC383 | Integrated Aviation Systems Project | EML | Chung Nick | 1 to 2 | IC Staff |
| ISE3013 | Data Management in Aviation Industries | EML | Zhao Billy | 1 | Zhao Billy Eltoukhy Abdelrahman |
| ISE3015 | Applications of Operations Research in | EML | Zhang Xiaoge | 1 | Zhang Xiaoge |
| ISE3016 | Aviation Safety and Security Management | EML | Fu XW | 2 | Fu XW |
| ISE3020 | Introduction to Aviation Management | EML | Fu XW | 1 | Fu XW Chung Nick Yee Dewey |
| ISE3021 | Warehousing Technologies and Operations | EML | Li YM | 1 | Li YM |
| ISE306 | Tool Design | SSD | To Sandy | 2 | To Sandy |
| ISE3103/IC3103 | 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 | Choi CK | 1 | Choi CK |
| ISE373 | Packaging and Storage Technology | EML | Yip Lenny | 1 | Yip Lenny |
| ISE374 | Logistics Facility Design | EML | Tsang Paul | 1 | Tsang Paul Teng Long |
| ISE376 | Entrepreneurship and Innovation | EML | Chan Claus | 2 | Chan Claus |
| ISE386 | Integrated Design for Manufacture | SSD | Choi CK | 1 | Choi CK Zhao Billy |
| ISE4003 | Automation Technology | AMT | Teng Long | 2 | Yang Lidong Teng Long |
| ISE4004 | Enterprise Resources Planning | EML | Chung Nick | 1 | Chung Nick Sumbal Saleem |
| ISE4005 | Eco-design and Manufacture | SSD | Zheng Pai | 2 | Zheng Pai Chen Zibin |
| ISE4006 | ISESM ** | EML | Choi CK | 1 | |
| ISE4008 | Individual Project | | Chung Nick | 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 Wen Xin |

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| ISE4015 | Airport Logistics Engineering | EML | Wen Xin | 1 | Wen Xin |
| ISE4022 | Fleet and Flight Management | EML | Xu Min | 1 | Yee Dewey Xu Min |
| 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 | Chan Claus | 2 | Chan Claus Li Ming |
| ISE445 | Capstone Project | | Tang YM | 1 to 2 | |
| ISE448 | Production Logistics | EML | Choi CK | 1 | Wen Xin 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 Xin 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 Wen Xiewen Sitman |
| 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 | Chan Claus | 1 | Chan Claus |
| ISE5022 | Financial Decision Analysis for Technology Management | EML | Chan Claus | 2 | Chan Claus Ng Artie (VL) |
| ISE5026 | Technology Entrepreneurship and Innovation in Practice | EML | Lee Paul | 2 | Lee Paul Tsui Eric (VL) |
| ISE512 | Warehousing and Material Handling Systems | EML | Huang George | 2 | Huang George 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 Stephen Ng (VL) |
| ISE526 | Enterprise Resources Planning | EML | Wang Kun | 1 | Wang Kun |
| ISE527 | Logistics Information Systems | EML | Fu XW | 1 | Fu XW Tsang Paul |
| ISE529 | Lim Dissertation | EML | Zhang Xiaoge | 1 to 2 | |
| ISE538 | Process and Performance Management | EML | Lee Carman | 2 | Lee Carman HK Chan (VL) |
| ISE542 | Managing Knowledge | EML | Cheung CF | 1 | Cheung CF Sumbal Saleem |
| ISE544 | Supply Chain Management Enabling Technologies | EML | Tang YM | 2 | Tang YM Li Ming |
| 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) Lai Lotto (VL) |

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|--------------|---|-------|-----------------------------|----------------|---------------------------------|
| ISE550 | Contemporary Logistic Issues in China | EML | Lee LH Paul | 1 | Lee LH Paul Chen PC (VL) |
| ISE550 | Contemporary Logistic Issues in China | EML | Lee LH Paul | 2 | Lee LH Paul Chen PC (VL) |
| ISE559 | Technology Audit and Assessment | EML | Chan KC | 1 | Chan KC Simon Ford (VL) |
| ISE5601 | Managing and Measuring Intellectual Capital | EML | Cheung CF | 2 | Cheung CF Stephen Selby (VL) |
| ISE5606 | Business Intelligence and Data Mining | EML | Tang YM | 2 | Tang YM Ting Jacky (VL) |
| 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 | |