

รายวิชา Approved Elective ภาคอุตสาหกรรม Updated 6/7/2015

| ID | Course ID | Course Title | t |
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| รายวิชาของภาคอุตสาหกรรม 2104xxx | | | |
| 1 | 2104227 | Automation | 3 |
| 2 | 2104255 | App Dev for IE (บังคับเลือก) | 3 |
| 3 | 2104310 | Engineering Statistic | 3 |
| 4 | 2104312 | Quality Assurance | 3 |
| 5 | 2104391 | Materials Technology 1 | 3 |
| 6 | 2104406 | Industrial Plant Operations | 3 |
| 7 | 2104408 | Energy Management in Industry | 3 |
| 8 | 2104414 | CNC Turning Technology | 3 |
| 9 | 2104415 | CNC Machining Technology | 3 |
| 10 | 2104422 | Industrial Engineering in Service Industry | 3 |
| 11 | 2104424 | Aplied Ergonomics | 3 |
| 12 | 2104425 | Maintenance Engineering (บังคับเลือก) | 3 |
| 13 | 2104432 | Introduction to Cognitive Ergonomics | 3 |
| 14 | 2104454 | Quantitative Analysis for Marketing Management | 3 |
| 15 | 2104455 | Human Relation in Industry | 3 |
| 16 | 2104456 | Ergonomics | 3 |
| 17 | 2104457 | Tool Engineering | 3 |
| 18 | 2104459 | Value Engineering | 3 |
| 19 | 2104461 | Maintenance Management | 3 |
| 20 | 2104462 | Packaging and packaging Materials | 3 |
| 21 | 2104463 | Project Feasibility Study | 3 |
| 22 | 2104464 | Physical Properties Development of Engineering Met | 3 |
| 23 | 2104465 | Foundry Technology | 3 |
| 24 | 2104466 | Welding Technology | 3 |
| 25 | 2104469 | Industrial Hygiene | 3 |
| 26 | 2104470 | Simulation Modeling and Analysis | 3 |
| 27 | 2104498 | Special Problems in IE II | 3 |
| 28 | 2104493 | Special Problems in IE III | 3 |
| 29 | 2104494 | Advanced Topics in IE III | 3 |
| 30 | 2104495 | Advanced Topics in IE I | 3 |
| 31 | 2104496 | Advanced Topics in IE II | 3 |
| 32 | 2104497 | Special Problems in IE I: Logistics Engineering | 3 |
| 33 | 2104505 | Machinery and Instrument Appraisal | 3 |
| 34 | 2104506 | Engineering Project Management | 3 |
| 35 | 2104507 | Logistics and Supply Chain Management | 3 |

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| 36 | 2104508 | Engineering Design and Analysis of Experiments | 3 |
| 37 | 2104509 | Warehouse and Warehousing Management | 3 |
| 38 | 2104511 | Introduction to Virtual Environments | 3 |
| 39 | 2104512 | Production and Operations Management Informations | 3 |
| 40 | 2104513 | Industrial Engineering Integration | 3 |
| 41 | 2104515 | Responsible Care | 3 |
| 42 | 2104516 | Quality Improvement | 3 |
| 43 | 2104518 | Quality System | 3 |
| 44 | 2104520 | Visual Factory | 3 |
| 45 | 2104521 | Computer Programming for IE | 3 |
| 46 | 2104523 | Introduction to Stochastic Models | 3 |
| 47 | 2104528 | App Work Analysis | 3 |
| 48 | 2104555 | System Safety | 3 |
| 49 | 2104559 | Risk Management for Industry | 3 |
| รายวิชาของคณะวิศวกรรมศาสตร์ สาขาอื่นๆ 21xxxxx | | | |
| 50 | 2100303 | Creative Design for Community | 3 |
| 51 | 2101333 | Fundamentals of Traffic Engineering | 3 |
| 52 | 2101454 | Construction Management | 3 |
| 53 | 2102330 | Feedback Control Systems | 3 |
| 54 | 2102434 | Industrial Control and Instrumentation | 3 |
| 55 | 2103302 | Engineering Measurements | 3 |
| 56 | 2103311 | Machine Design 1 | 3 |
| 57 | 2103312 | Machine Design 2 | 3 |
| 58 | 2103407 | Industrial Control | 3 |
| 59 | 2103477 | Design of Industrial Piping | 3 |
| 60 | 2103479 | Automotive Manufacturing | 3 |
| 61 | 2103480 | Body Engineering | 3 |
| 62 | 2103481 | Automotive Engineering | 3 |
| 63 | 2103530 | Industrial Robots 1 | 3 |
| 64 | 2103555 | Engine Emissions and Control | 3 |
| 65 | 2105430 | Particle Technology | 3 |
| 66 | 2105456 | Introduction to Polymer Science | 3 |
| 67 | 2105458 | Principle of Fibre and Textite Engineering | 3 |
| 68 | 2105479 | Polymer Engineering | 3 |
| 69 | 2105480 | Safety in Chemical Operations | 3 |
| 70 | 2107211 | Introduction to Environmental Sanitation and Engin | 3 |
| 71 | 2107441 | Air Pollution Control | 3 |
| 72 | 2107448 | Vibration and Noise Control | 3 |
| 73 | 2107492 | Industrial Water Pollution Control | 3 |

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| 74 | 2107493 | Introduction to Environmental Impact Evaluation | 3 |
| 75 | 2107494 | Industrial Water Supply Wastewater Treatment | 3 |
| 76 | 2109222 | Principles of Metallurgical Operations | 3 |
| 77 | 2109306 | Chemical Metallurgy | 3 |
| 78 | 2109425 | Mat Join | 3 |
| 79 | 2109423 | Electroplating | 3 |
| 80 | 2109424 | Iron Steel Making | 3 |
| 81 | 2109430 | Corrosion of Metals | 3 |
| 82 | 2109432 | Refractory Materials | 3 |
| 83 | 2109440 | Mechanical Metallurgy | 3 |
| 84 | 2109441 | Mechanical Metallurgy Lab | 3 |
| 85 | 2109442 | Metal Forming 1 | 3 |
| 86 | 2109443 | Metal Forming 2 | 3 |
| 87 | 2109453 | Mould and Die Design | 3 |
| 88 | 2110301 | Introduction to Discrete Structures and Computation | 3 |
| 89 | 2110332 | Systems Analysis and Design | 3 |
| รายวิชานอกคณะวิศวกรรมศาสตร์ | | | |
| 90 | 2602680 | Business Research | 3 |
| 91 | 2602330 | Human Resource Management | 3 |
| 92 | 2604477 | International Financial Management | 3 |
| 93 | 2604495 | Introduction to Financial Engineering | 3 |
| 94 | 2605311 | Principle of Marketing | 3 |
| 95 | 2605411 | Sales Management | 3 |
| 96 | 2803428 | Advertising Research | 3 |
| 97 | 3805301 | Intro Ind Org Psy | 3 |