Wichita State University Equivalencies
Sri Lanka Institute of Information Technology
Last updated 07/23/18

SLIIT	WICHITA STATE UNIVERSITY
BUSINESS	
BM 0010: Accounting	ACCT 2000: Elective
BM 1010: Learning & Study Skills	LASI 2000: Elective
BM 1020: Principles of Management	MGMT 360: Principles of Management
BM 1030: Microeconomics	ECON 202: Principles of Microeconomics
BM 1040: Business Mathematics	MATH 144: Business Calculus
BM 1050: Information Technology for Business	MIS 395: Management Information Systems
BM 1060 English Language Skills I	ENGL 2000: Elective
BM 1070: Self Management	LASI 2000: Elective
BM 1080: Principles of Marketing	MKT 300: Marketing
BM 1090 Financial Accounting	ACCT 210: Financial Accounting
BM 1100: Legal/Political Environment Business	BLAW 2000 Elective
BM 1110: Human Resource Management	HRM 466: Fundamentals of Human Resource Management
BM 1120: English Language Skills II	ENGL 2000: Elective
BM 2010: Personal Development Planning	LASI 2000: Elective
BM 2020: Organizational Behavior	MGMT 2000: Elective
BM 2030: Management Accounting	ACCT 220: Managerial Accounting
BM 2040: Macroeconomics	ECON 201: Principles of Macroeconomics
BM 2050: Business Statistics	ECON 231: Introduction to Business Statistics
BM 2060: Business Communication	COMM 2000: Elective
BM 2070: Leadership and Teamwork	MGMT 2000: Elective
BM 2080: Operation & Supply Chain Management	DS 2000: Elective
BM 2090: Business Information Systems	MIS395: Management Information Systems
BM 2100: Financial Management	FIN 340: Financial Management I
BM 2110: Operations Research	DS 350: Introduction to Production/Operations Management

BM 2120: Entrepreneurship	ENTR 310: Entrepreneurial Experience
BM 2190: Business Internship I	MGMT 481N: Internship
CHINESE	
Chinese/Semester I	CHIN 2000: Elective
ENGINEERING	
CE 1010: Engineering Mechanics	ENGT 312: Applied Statics
CE 1011: Engineering Mechanics	AE 223: Statics
CE 1910: Introduction to Sustainable Engineering	ENGT 2000: Elective
CE 1911: Introduction to Sustainable Engineering	ENGT 201: Fundamentals of Engineering Technology
CE 1912: Introduction to Sustainable Engineering	ENGR 2000: Elective
CE 2201: Electrical Circuits AND CE 1021	EE 282: Circuits I
CE 2710: Fluid Mechanics I	ENGT 303: Introduction to Fluids OR ENGT 323: Introduction to Fluids
CE 2721: Fluid Mechanics/ Thermodynamics	ENGT 323: Introduction to Fluids AND ENGT 2000: Elective
CE 2812: Geotechnical Engineering I	ENGR 2000: Elective
CE 2911: Industrial Training I	ENGR 2000: Elective
CE 2940: Civil Engineering Survey Camp	ENGR 2000: Elective

CE 4231: Electromagnetic Propagation AND CE 3201: Engineering Electromagnetic	EE 463: Applied Energy Electromagnetic
EC 1020: Electrical Systems	ENGT 320: Circuits Technology with Lab
EC 1021: Electrical Systems AND EC 2202: Electrical Circuits	EE 282: Circuits I
EC 1440: Engineering Programming	CS 2000: Elective
EC 1441: Engineering Programming	CS 211: Introduction to Programming
EC 2111: Signals & Systems	EE 383: Signals & Systems
EC 2112: Signals & Systems	EE 383: Signals & Systems
EC 2122: Electronic Fundamentals AND EC 3042: Physical & Optoelectronics	EE 492: Electronic Circuits I
EC 2212: Electromag & Electromech Energy Con AND EC 3192: Electrical Machines & Stability	EE 488: Electric Machines & Transformers
EC 2471: Computing for Engineering	ENGR 2000: Elective
EC 2481: Introduction to Controls & Robotics	EE 2000: Elective
EC 2482: Introduction to Controls & Robotics	EE 2000: Elective
EC 2491: Object Oriented Programming	CS 2000: Elective
EC 2921: Industrial Training I	ENGT 2000: Elective

EC 3011: Electronic Design	EE 493: Electronic Circuits II
EC 3012: Electronic Design	EE 493: Electronics Circuit II
EC 3021: Radio Frequency/Microwave Electronics	EE 2000: Elective
EC 3022: Radio Frequency & Microwave Electronics	EE 4000: Elective
EC 3031: Power Electronics	EE 2000: Elective
EC 3032: Power Electronics	EE 4000: Elective
EC 3101: Advanced Digital Design AND EC 2091: Foundation of Digital Design	EE 477: Introduction to FPGA Design
EC 3041: Physical & Optoelectronics AND EC 2121: Electronic Fundamentals	EE 492: Electronic Circuits I
EC 3061: Design Project I	ENGR 101: Introduction to Engineering
EC 3061: Design Project I	EE 4000: Elective (after FL-16)
EC 3071: Design Project II	EE 4000: Elective
EC 3191: Electrical Machines & Stability AND EC 2211: Electromagnetic/Electro mechanic Energy C	EE 4888: Electric Machines/Transformers
EC 3202: Engineering Electromagnetics AND EC 4231: Electromagnetic Propagation	EE 463: Applied Engineering Electromagnetics
EC 3211: Power System Analysis	EE 598: Electric Power System Analysis

EC 3212: Power System Analysis	EE 598: Electric Power System Analysis
EC 3231: Electrical Installation	EE 2000: Elective
EC 3232: Electrical Installations	EE 4000: Elective
EC 3241: Power System Protection	EE 2000: Elective
EC 3242: Power System Protection	EE 4000: Elective
EC 3461: Embedded Systems Engineering I	EE 2000: Elective
EC 3471: Digital Multimedia Control	EE 2000: Elective
EC 3481: Foundations in Computer Engineering	CS 2000: Elective
EC 3501: Control Systems	EE 684: Introduction Control Systems Concepts
EC 3502: Control Systems	EE 684: Introduction Control Systems Concepts
EC 3531: Advanced Control Systems	EE 4000: Elective
EC 3612: Communication Engineering I AND EC 3622: Communication Engineering II	EE 586: Introduction to Communication Systems
EC 3621: Communication Engineering II AND EC 3611: Communication Engineering I	EE 586: Introduction to Communication System
EC 3641: Digital Access Systems	EE 4000: Elective
EC 3701: Real Time Operating Systems	CS 2000: Elective
EC 3711: Embedded Software Engineering	CS 2000: Elective

EC 3721: Information Security	CS 2000: Elective
EC 3731: Data Structures Algorithms	CS 2000: Elective
EC 3901: Industrial Training II	ENGT 2000: Elective
EC 4001: Electronic Engineering Project I	ENGR 2000: Elective
EC 4011: Power Electronic & Drives	EE 2000: Elective
EC 4012: Power Electronics & Drives	EE 4000: Elective
EC 4021: Electronic Engineering Project II	EE 2000: Elective
EC 4031: Medical Electronics	EE 2000: Elective
EC 4040: Electronic Engineering Project	EE 4000: Elective
EC 4201: Electrical Utility Engineering	EE 2000: Elective
EC 4202: Electrical Utility Engineering	EE 4000: Elective
EC 4211: Electric Power Transmission Distributing	EE 2000: Elective
EC 4212: Electrical Power Transmission & Distribution	EE 4000: Elective
EC 4241: Introduction to Smart Grid Control	EE 577B: Introduction to Smart Grids
EC 4251: Renewable Energy System	EE 577L: Renewable Energy Engineering
EC 4421: Network Design/Performance Evaluations AND EC 2401: Computer Networks AND EC 3521: Data Communication & Networking	CS 464: Computer Networks

EC 4252: Renewable Energy Systems	ENGT 510: Solar and Wind Engineering
EC 4431: Embedded Systems Engineering 2	EE 2000: Elective
EC 4441: Advanced Computer Architecture AND EC 2131: Microcomputers	CS 394: Intro to Computer Architecture
EC 4471: Information Theory & Error Control Co	EE 2000: Elective
EC 4481: Computer Vision/Image Processing	CS 2000: Elective
EC 4482: Computer Vision & Image Processing	EE 4000: Elective
EC 4491: Neural & Fuzzy Systems	CS 2000: Elective
EC 4501: Instrumentation & Control	ENGT 2000: Elective
EC 4502: Instrumentation & Control AND EC 4511: Industrial Automation & Process Control	ENGT 361: Industrial Controls & Instrumentation
EC 4511 : Industry Automation/ Process Control	IME 361: Industrial Controls/Instrumentation
EC 4521: Network Management & Security	CS 2000: Elective
EC 4531: Internet Technologies	CS 2000: Elective
EC 4541: Distributed Computing	CS 2000: Elective
EC 4631: Communication Signal Processing AND EC 4551: Digital Signal Processing	EE 782: Digital Signal Processing
EC 4632: Communication Signal Processing AND	EE 782: Digital Signal Processing

EC 4552: Digital Signal Processing	
EC 4641: Optical Communications	EE 2000: Elective
EC 4642: Optical Communications	EE 4000: Elective
EC 4651: Next Generation Networks	CS 2000: Elective
EC 4661: Radio Frequency & Microwave Systems	EE 4000: Elective
EC 4671: Wireless Communication	EE 4000: Elective
EC 4672: Wireless Communications	EE 4000: Elective
EC 4701: Models of Computations	CS 420: Automated & Formal Languages
EC 4901: Legal Framework/Sustainability EE	ENGT 4000: Elective
ENGR: Design Project II	ENGR 101: Introduction to Engineering
MA 1300: Engineering Mathematics I	MATH 242: Calculus I
MA 1301: Engineering Mathematics I	MATH 242: Calculus I
MA 1310: Engineering Mathematics II	MATH 243: Calculus II
MA 1311: Engineering Mathematics II	MATH 2000: Elective
MA 2300 Engineering Mathematics III	MATH 344: Calculus III
MA 2301: Engineering Mathematics III	MATH 344: Calculus III
ME 1010: Engineering Design & Processes	ENGR 101: Introduction to Engineering
ME 1020: Introduction to Renewable Energy	ENGR 2000: Elective
ME 1030: Engineering Skills Development	IME 222: Engineering Graphics

	AND IME 222L: Graphics Lab (If taken after Spring 2017)
ME 1040: Engineering Principles & Communication	ENGR 101: Introduction to Engineering
ME 1040: Engineering Principles & Communication AND ME 1010: Engineering Design & Processes	ENGR 101: Introduction to Engineering
ME 2010: Mechanics of Solids	ENGR 304: Intro to Strength/Mechanics of Materials OR ENGR 334: Intro to Strength/Mechanics of Materials
ME 2020: Mechanic of Machines I	ENGT 308: Machine Elements OR ENGT 348: Machine Elements
ME 2030: Engineering Drawing AND ME 1030: Engineering Skills Development	IME 222: Engineering Graphics AND IME 222L: Graphics Lab AND IME 2000: Elective
ME 2040: Thermodynamics	ME 398: Thermodynamics I
ME 2050: Mechanical Design I	ENGT 304: Intro to Strength/Mechanics of Materials OR ENGT 334: Intro to Strength/Mechanics of Materials
ME 2051: Mechanical Design	ME 439: Mechanical Engineering Design I
ME 2060: Manufacturing Processes	IME 258: Manufacturing Methods/Materials I

ME 2080: Engineering Sustainable Development	ENGT 2000
ME 2081: Engineering Sustainable Development	ENGT 370: Environmental Engineering Technology
ME 2090: Electrical Plant	ENGT 497: Electrical Power and Machines
ME 2100: Manufacturing Processes I	IME 258: Manufacturing Methods I
ME 2170: Electrical Plant	ENGT 497: Electrical Machines & Electrical Circuits
ME 2510: Electronics for Mechatronic Engineering	ENGT 2000: Elective
ME 2541: Mechatronic Systems Engineering	ENGR 2000: Elective
ME 2571: Mechatronic System Modeling	ENGR 2000: Elective
ME 2720: Introduction to Thermal Processes	ENGR 2000: Elective
ME 2911: Industrial Training I	ENGR 2000: Elective
ME 3011: Thermal Engineering Professes	ENGR 2000: Elective
ME 3020: Automatic Control I	ENGR 2000: Elective
ME 3031: Mechanics of Solids II	ENGR 2000: Elective
ME 3041: Mechanics of Machines II	ENGR 2000: Elective
ME 3081: Engineering Management	IME 664: Engineering Management
ME 3052: Mechanical Design II	ENGR 2000: Elective
ME 3061: Fluid Flow Modeling	ENGR 2000: Elective
ME 3081: Engineering Management	IME 255: Engineering Economics
ME 3091: Law for Engineers	ELEC 2000: Elective

ME 3100: Manufacturing Processes II	IME 2000: Elective
ME 3110: Fluid Mechanics and Hydraulic Machinery	ENGR 2000: Elective
ME 3531: Solid Mechanics & Mechanical Design	ENGR 2000: Elective
ME 3580: Automation Systems	ENGR 2000: Elective
ME 3620: Control Systems	ENGR 2000: Elective
ME 3911: Industrial Training II	ENGR 2000: Elective
ME 4010: Mechanical Engineering Project I	ENGR 2000: Elective
ME 4021: Advanced Engineering Materials	ME 250: Materials Engineering
ME 4030: Vibration	ME 4000: Elective
ME 4050: Computer Aided Engineering	IME 2000: Elective
ME 4071: Production & Operations Management	IME 553: Production Systems
ME 4081: Computer Aided Design & Manufacture	ENGR 2000: Elective
ME 4091: Energy Technology & Sustainability	ENGR 2000: Elective
ME 4101: Refrigeration & Air Conditioning	ENGR 2000: Elective
ME 4111: Industrial Management/Marketing	IME 2000: Elective
ME 4120: Mechanical Engineering Project II	ENGR 2000: Elective
ME 4131: Professional Practice	ENGR 2000: Elective
ME 4140: Design for Manufacturing	ENGR 2000: Elective
ME 4150: Automatic Control II	ENGR 2000: Elective

ME 4160: Product Design	ENGR 2000: Elective
ME 4170: Noise	ME 4000: Elective
ME 4181: Industrial Engineering	ENGR 2000: Elective
ME 4190: Advanced Manufacturing Processes	IME 558: Manufacturing Methods II
ME 4201: Energy Conservation & Management	ENGT 492: Engineering Management & Sustainability
ME 4210: Fluid Power Systems & Machinery	ENGR 2000: Elective
ME 4220: Automotive Engineering	ME 4000: Elective
ME 4521: Advanced Automation Systems	ENGR 2000: Elective
ME 4541:Robotics & Autonomous Systems	ENGR 2000: Elective
ME 4541: Robotic & Autonomous Systems	ENGR 2000: Elective
ME 4550: Object Oriented Programming for Mec	CS 311: Object-Oriented Programming
ME 4560: Mechatronic Engineering Project I	ENGT 2000: Elective
ME 4570: Micro-Mechatronics	ENGT 411: Microcomputer Mechanics System Technology
ME 4590: Mechatronic Engineering Project II	ENGT 2000: Elective
MT 1010: Engineering Materials	ME 250: Materials Engineering
Computer Fundamentals	CS 210: Introduction to Computer Science AND CS 2000: Elective
Computer Project	CS 2000: Elective
Data Communication/Computer Networks I	CS 2000: Elective

Database Mgt Sys I-Oracle, SQL	CS 465: Oracle Development Envoirnment AND CS 4000: Elective
Information Systems	CS 2000: Elective
Introduction Programming Environment (C++/UNIX)	CS 217: C++ Programming AND CS 2000: Elective
Multimedia/Graphics	CS 2000: Elective
Operating Systems (UNIX, NT)	CS 540: Operating Systems AND CS 4000: Elective
Software Tech I (Java/OOP)	CS 411: Object-Oriented Programming AND CS 4000: Elective
Sys Prg/Dsgn-Unix/SHELL/Perl	CS 2000: Elective
Systems Analysis/Design	CS 560: Data Structure & Algebra II AND CS 4000: Elective
Software Engineering I	CS 2000: Elective
Software Engineering II	CS 2000: Elective
Software Technology II	CS 300: Data Structures
ENGLISH	
EL 1021: English Language	ENGL 101: College English I (after validated by English Exit Exam 101)
EL 1200: English Language Skills I	ENGL 101: College English I

	(after validated by English Exit Exam 101)
EL 1210: English Language Skills II	ENGL 102: College English II (after validated by English Exit Exam 102)
EL 1211 English Language Skills II	ENGL 102: College English II (after validated by English Exit Exam 102)
ENGL 101A: Business English /Communication Skills	ENGL 2000: Elective
MATHEMATICS	
MATH 001A: Foundation/ Math Skills	MATH 2000: Elective
MATH 101A: Mathematics	MATH 242: Calculus
MATH 101B: Probability & Statistics	STAT 460: Elementary Probability & Statistics AND MATH 2000: Elective