

LEE KONG CHIAN FACULTY OF ENGINEERING AND SCIENCE (LKC FES)

NOTICE #1

List of Courses Offered in January 2022 Trimester

The list of courses offered* in January 2022 trimester is as follows:

** Subject to change*

Courses with Lecture Classes Only

1. MPU3113 Hubungan Etnik
2. MPU3123 Tamadun Islam dan Tamadun Asia
3. MPU3143 Bahasa Melayu Komunikasi 2
4. MPU3173 Malaysian Studies 3
5. MPU32013 Bahasa Kebangsaan A
6. MPU33183 Engineer in Society
7. MPU34012 Social Entrepreneurship Project
8. MPU34022 Arts and Cultural Performance
9. MPU34032 Community Project
10. MPU34102 Managing Personal Finance
11. UEEG2113 Law for Engineers
12. UKMM1011 Sun Zi's Art of War and Business Strategies

Courses with Lecture (L), Tutorial (T) and/or Practical (P) Classes

1. MPU32193 English for Professional Communications
2. MPU33173 Sociology in Malaysian Context
3. MPU33193 Introduction to Professional Practice
4. UALB1003 Introduction to German
5. UALE1083 Basic Professional Writing
6. UALF1003 Introduction to French
7. UALJ2013 Introduction to Japanese
8. UALL1053 Critical Reading and Writing
9. UALL2023 Academic Writing
10. UBMH1013 Organisation and Human Resource
11. UBMM1013 Management Principles
12. UBTE2013 Entrepreneurship

13. UEBA2213 Construction Technology III
14. UEBA1116 Architecture Design I
15. UEBA1126 Architecture Design II
16. UEBA1213 Building Materials
17. UEBA1223 Construction Technology I
18. UEBA1233 Construction Technology II
19. UEBA1413 Architecture Studio Drawing I
20. UEBA1423 Architecture Studio Drawing II
21. UEBA1522 Introduction to Architectural Theory
22. UEBA2033 Introduction to Landscape Architecture
23. UEBA2116 Architectural Design III
24. UEBA2126 Architectural Design IV
25. UEBA2433 Design Communication & CADD
26. UEBA3118 Architecture Design V
27. UEBA3128 Architecture Design VI
28. UEBA3443 Building Information Modeling
29. UEBA3453 Construction Drawing
30. UEBA3523 Asian Architecture
31. UEBA3532 Architecture Field Study
32. UEBE1223 Construction Technology I
33. UEBE1233 Construction Technology II
34. UEBE1323 Building Services
35. UEBE1823 Technical Drawing and CADD
36. UEBE1843 Site Surveying
37. UEBE2413 Construction Financial Practice
38. UEBE3263 Applied Construction Technology and Maintenance
39. UEBE3623 Construction Law
40. UEBQ2124 Measurement of Building Works II
41. UEBQ2153 Estimating
42. UEBQ2513 Economics of the Construction Industry
43. UEBQ2723 Professional Practice and Procedure I
44. UEBQ2863 Research Methods for Construction
45. UEBQ3163 Computer Aided Quantity Surveying
46. UEBQ3183 Measurement of Building Works III
47. UEBQ3463 Project Management
48. UEBQ3523 Construction Economics
49. UEBQ3724 Professional Practice and Procedure II
50. UEBQ4553 Property Development
51. UEBQ4873 Digital Construction
52. UEBQ4926 Project

53. UECM1024 Calculus I
54. UECM1034 Calculus II
55. UECM1084 Basic Mathematics
56. UECM1204 Probability and Statistics I
57. UECM1224 Probability and Statistics II
58. UECM1313 Fundamentals of Linear Algebra
59. UECM1314 Fundamentals of Linear Algebra
60. UECM1404 Theory of Interest
61. UECM1534 Programming Techniques for Data Processing
62. UECM1633 Probability and Statistics for Computing
63. UECM1653 Mathematics for Engineering I
64. UECM1683 Mathematical for Physics I
65. UECM1693 Mathematics for Physics II
66. UECM1713 Mathematics for Engineering II
67. UECM1743 Mathematical Techniques for Physics II
68. UECM2023 Ordinary Differential Equations
69. UECM2033 Elementary Real Analysis
70. UECM2233 Statistical Decision
71. UECM2253 Applied Regression Analysis
72. UECM2273 Mathematical Statistics
73. UECM2283 Design and Analysis of Experiment
74. UECM2293 Statistical Quality Control
75. UECM2383 Elementary Number Theory
76. UECM2443 Financial Economics I
77. UECM2444 Financial Economics I
78. UECM2463 Introduction to Actuarial Mathematics
79. UECM2464 Introduction to Actuarial Mathematics
80. UECM2623 Numerical Methods and Statistics
81. UECM3363 Modern Algebra
82. UECM3393 Introduction to Combinatorics
83. UECM3403 Further Topics in Actuarial Mathematics
84. UECM3453 Insurance Practice
85. UECM3473 Credibility Theory
86. UECM3533 Case Study on Insurance Practice
87. UECM3534 Case Study on Insurance Practice
88. UECM3553 Financial Modelling
89. UECM3554 Financial Modelling
90. UECM3563 Actuarial Modelling
91. UECM3564 Actuarial Modelling
92. UECM3573 Actuarial Expository Project

93. UECM3574 Actuarial Expository Project
94. UECM3583 Project I
95. UECM3584 Project I
96. UECM3593 Project II
97. UECM3594 Project II
98. UECM3713 Risk Management
99. UECM3763 Computational Finance
100. UECM3764 Computational Finance
101. UECM3823 Derivative Security
102. UECM3993 Predictive Modelling
103. UECS1004 Programming and Problem Solving
104. UECS1044 Object-Oriented Application Development
105. UECS1104 Programming and Problem Solving
106. UECS1144 Object-Oriented Application Development
107. UECS1203 Database System Fundamentals
108. UECS1403 Database System Fundamentals
109. UECS1413 Database System Fundamentals
110. UECS1643 Fundamentals of Programming
111. UECS1653 Fundamentals of Programming
112. UECS2023 Multimedia Technology
113. UECS2094 Web Application Development
114. UECS2194 Web Application Development
115. UECS2233 Electronic Commerce
116. UECS2344 Software Design
117. UECS2354 Software Testing
118. UECS2433 Multimedia Technology
119. UECS3213 Data Mining
120. UECS3223 Cloud Computing
121. UECS3283 Cloud Computing
122. UECS3294 Advanced Web Application Development
123. UECS3383 Software Quality Assurance
124. UECS3393 Software Entrepreneurship
125. UECS3413 Digital Image Processing
126. UECS3453 Data Mining
127. UECS3473 Cloud Computing
128. UECS3483 Data Mining
129. UECS3583 Project I
130. UECS3596 Project II
131. UECS3599 Project
132. UEEA1253 Signals, Circuits and Systems

133. UEEA1323 Digital Electronics
134. UEEA1333 Analogue Electronics
135. UEEA2146 Integrated Design Project
136. UEEA2148 Integrated Design Project
137. UEEA2183 Digital Signal Processing
138. UEEA2223 Integrated Circuit Design
139. UEEA2273 Electromagnetic Fields and Waves
140. UEEA2343 Solid State Electronics
141. UEEA2413 Process Control and Instrumentation
142. UEEA2433 Electrical Machines
143. UEEA2473 Power Electronics and Drive
144. UEEA3343 Solar Cell Technology
145. UEEA3363 Renewable Energy
146. UEEA3373 Optics and Optoelectronics
147. UEEA3383 Wind and Solar Power Engineering
148. UEEA3993 Power Protection and Switchgear
149. UEEA4933 Railway Electrification System
150. UEEN1043 Object-Oriented Concepts and Programming Techniques
151. UEEN3013 TCP/IP Network Routing
152. UEEN3113 Server Configuration and Management
153. UEEN3413 Server Configuration and Management
154. UEEN3423 TCP/IP Network Routing
155. UEEN4113 Network Security Management
156. UEEN4413 Network Security Management
157. UEEP1323 Digital Electronics
158. UEEP1343 Thermal Physics
159. UEEP1522 Physics Laboratory II
160. UEEP2014 Quantum Mechanics
161. UEEP2053 Electromagnetism
162. UEEP2123 Atomic and Molecular Physics
163. UEEP2133 Semiconductor Physics and Devices
164. UEEP2213 Statistical Physics
165. UEEP2522 Physics Laboratory IV
166. UEEP2643 Optoelectronics
167. UEEP3223 Sensors and Instrumentation
168. UEEP3243 Biomedical Instrumentation
169. UEEP3363 Renewable Energy
170. UEEP3403 Solar Cell Technology
171. UEEP3516 Project
172. UEET2553 Communication Electronics

173. UEET2573 Optical Communications and Fixed Broadband Network
174. UEET3053 Microwave Communication Systems
175. UEET3773 Antenna Design
176. UEET4513 Broadband Multimedia Communications and Cybersecurity
177. UEGE4116 Project
178. UEGE4118 Project
179. UEMB1114 Anatomy and Physiology
180. UEMB2223 Biochemistry and Molecular Biology
181. UEMB2233 Biomedical Instrumentation
182. UEMB3088 Integrated Design Project
183. UEMB3213 Safety Design in Medical Devices
184. UEMB3244 Medical Imaging
185. UEMB4193 Tissue Engineering
186. UEMB4243 Telemedicine
187. UEME1121 Mechanical Workshop Practices
188. UEME1143 Dynamics
189. UEME1233 Manufacturing Technology I
190. UEME1263 Solid Mechanics I
191. UEME2153 Engineering Thermodynamics II
192. UEME2163 Solid Mechanics II
193. UEME2333 Mechanical Engineering Design
194. UEME3213 Heat and Mass Transfer
195. UEME3223 Computer Aided Design and Manufacture
196. UEME3233 Mechanical Vibrations
197. UEME3318 Integrated Design Project
198. UEME4363 Internal Combustion Engine
199. UEMH3083 Mini Project
200. UEMH3088 Mechatronics System Design
201. UEMH3103 Digital Control Theory
202. UEMH4113 Automation and Robotics
203. UEMH4223 Kinematics and Dynamics of Robot
204. UEMH4413 Sensors and Instrumentation
205. UEMK1103 Introduction to Process Design and Electrical Systems
206. UEMK1203 Material and Energy Balances
207. UEMK1522 Mass Transfer
208. UEMK2113 Chemical Engineering Thermodynamics
209. UEMK3233 Bioprocess Engineering
210. UEMK3313 Chemical Process Control and Instrumentation
211. UEMK3551 Process Laboratory II
212. UEMK4114 Plant Design I

213. UEMK4124 Plant Design II
214. UEMK4253 Petroleum Chemistry and Petrochemicals
215. UEMK4324 Process and Plant Design I
216. UEMK4333 Process Optimization and Simulation
217. UEMK4354 Process and Plant Design II
218. UEMK4551 Process Laboratory III
219. UEMK4713 Food Processing Engineering
220. UEMM3243 Engineering Analysis
221. UEMT2123 Polymer Science and Technology
222. UEMT2133 Phase Transformations and Heat Treatment
223. UEMT2223 Materials Testing and Fracture Analysis
224. UEMT3113 Operations Research and Optimization
225. UEMT3123 Corrosion Engineering
226. UEMT3138 Integrated Design Project
227. UEMT3213 Foundry Engineering
228. UEMT3223 Materials Selection and Alloy Design
229. UEMT4253 Industrial Automation and Robotics
230. UEMX2313 Structural Analysis I
231. UEMX2323 Structural Analysis II
232. UEMX2353 Concrete Structure Design I
233. UEMX2413 Soil Mechanics
234. UEMX3113 Civil Construction Materials
235. UEMX3523 Hydraulic System and Design
236. UEMX3613 Environmental Science and Engineering
237. UEMX4253 Construction Project Management
238. UEMX4313 Advanced Structural Steel Design
239. UEMX4553 Groundwater
240. UEMX4823 Traffic Engineering and Transportation System Analysis
241. UEMX4924 Integrated Design Project 1
242. UJLL1093 Introduction to Korean
243. UJMG1003 Creative Thinking and Idea Generation
244. UKAF1023 Financial Accounting I
245. UKAF1083 Financial Accounting II
246. UKEA1023 Microeconomics I
247. UKEA1033 Macroeconomics I
248. UKFF2013 Business Finance
249. UKFF2143 Personal Financial Planning and Investment
250. UKFF3083 Financial Statement Analysis
251. UKFF3243 International Finance
252. UKFF3283 Portfolio Management

- 253. UKMB1013 Principles of International Business
- 254. UKMM1043 Basic Economics, Accounting and Management
- 255. UKTC1013 Cross Cultural Management
- 256. UKTR3013 Property Market Analysis

Industrial Training Course

- 1. UEBQ3916 INDUSTRIAL TRAINING

Thank you.

Faculty General Office
Lee Kong Chian Faculty of Engineering and Science