

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

NOTICE #2

List of Courses Offered in May 2021 Trimester

The list of courses offered* in May 2021 trimester is as follows:

** Subject to change*

Courses will be conducted via Online Teaching Learning (OTL) and NO Physical Classes

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. MPU32193 English for Professional Communications
7. MPU33183 Engineer in Society
8. MPU34012 Social Entrepreneurship Project
9. MPU34032 Community Project
10. MPU34052 Team Work & Collaborative Project
11. MPU34072 Art, Craft and Design
12. UALB1003 Introduction to German Language
13. UALF1003 Introduction to French
14. UALJ2013 Introduction to Japanese
15. UJLL1093 Introduction to Korean
16. UEEG2113 Law for Engineers
17. UKMM1011 Sun Zi's Art of War and Business Strategies

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

[Lecture class will be conducted via **Online Teaching Learning (OTL)**,

Tutorial and Practical classes – You can choose either attend physical or OTL classes]

1. MPU33173 Sociology in Malaysian Context
2. MPU33193 Introduction to Professional Practice
3. MPU33203 Introduction to Law and Malaysian Legal System
4. UALE1083 Basic Professional Writing
5. UALL1063 Oral Communication and Interpersonal Skills
6. UALL2023 Academic Writing
7. UALL3033 Public Speaking and Oral Presentation
8. UBMM1013 Management Principles
9. UEBA1126 Architecture Design II
10. UEBA1223 Construction Technology I

11. UEBA1233 Construction Technology II
12. UEBA1353 History of Architecture I
13. UEBA1413 Architecture Studio Drawing I
14. UEBA1423 Architecture Studio Drawing II
15. UEBA1823 Building Science I
16. UEBA2023 Design Spatial and Behavior
17. UEBA2116 Architectural Design III
18. UEBA2126 Architectural Design IV
19. UEBA2213 Construction Technology III
20. UEBA2323 Building Services II
21. UEBA2833 Building Structure System & Analysis
22. UEBA3118 Architecture Design V
23. UEBA3443 Building Information Modeling
24. UEBA3453 Construction Drawing
25. UEBA3532 Architecture Field Study
26. UEBA3533 Architecture Field Study
27. UEBE1213 Building Materials
28. UEBE1223 Construction Technology I
29. UEBE1233 Construction Technology II
30. UEBE1823 Technical Drawing and CADD
31. UEBE1853 Building Structural System
32. UEBE2333 Mechanical and Electrical Services
33. UEBQ1113 Measurement of Building Works I
34. UEBQ2133 Measurement of Civil and Infrastructure Works
35. UEBQ2153 Estimating
36. UEBQ2723 Professional Practice and Procedure I
37. UEBQ2863 Research Methods for Construction
38. UEBQ3443 Construction Management
39. UEBQ3523 Construction Economics
40. UEBQ3724 Professional Practice and Procedure II
41. UEBQ4543 Value Management
42. UEBQ4553 Property Development
43. UEBQ4734 Professional Practice and Procedure III
44. UEBQ4873 Digital Construction
45. UECM1024 Calculus I
46. UECM1033 Calculus II
47. UECM1034 Calculus II
48. UECM1084 Basic Mathematics
49. UECM1204 Probability and Statistics I
50. UECM1224 Probability and Statistics II
51. UECM1303 Discrete Mathematics with Applications
52. UECM1304 Discrete Mathematics with Applications

53. UECM1404 Theory of Interest
54. UECM1534 Programming Techniques for Data Processing
55. UECM1653 Mathematics for Engineering I
56. UECM1683 Mathematical for Physics I
57. UECM1713 Mathematics for Engineering II
58. UECM1743 Mathematical Techniques for Physics II
59. UECM2063 Calculus III
60. UECM2093 Operation Research I
61. UECM2313 Graph Theory
62. UECM2353 Linear Algebra
63. UECM2433 Introduction to Risk Management and Insurance
64. UECM2434 Introduction to Risk Management and Insurance
65. UECM2443 Financial Economics I
66. UECM2444 Financial Economics I
67. UECM2453 Financial Economics II
68. UECM2463 Introduction to Actuarial Mathematics
69. UECM2464 Introduction to Actuarial Mathematics
70. UECM2483 Statistical Simulation for Insurance and Finance
71. UECM2493 Life Contingencies
72. UECM2623 Numerical Methods and Statistics
73. UECM1693 Mathematics for Physics II
74. UECM2713 Fundamentals of Financial Mathematics
75. UECM3003 Partial Differential Equation
76. UECM3033 Numerical Methods
77. UECM3034 Numerical Methods
78. UECM3213 Stochastic Processes
79. UECM3243 Time Series Analysis
80. UECM3253 Applied Nonparametric Statistics
81. UECM3383 Cryptology
82. UECM3433 Introduction to Ratemaking and Reserving
83. UECM3463 Loss Models
84. UECM3493 Introduction to Time Series and Forecasting
85. UECM3533 Case Study on Insurance Practice
86. UECM3534 Case Study on Insurance Practice
87. UECM3543 Case Study on Investment and Trading
88. UECM3544 Case Study on Investment and Trading
89. UECM3563 Actuarial Modelling
90. UECM3564 Actuarial Modelling
91. UECS1004 Programming and Problem Solving
92. UECS1013 Introduction to Computer Organisation and Architecture
93. UECS1044 Object-Oriented Application Development
94. UECS1104 Programming and Problem Solving

95. UECS1144 Object-Oriented Application Development
96. UECS1313 Software and Requirements
97. UECS1643 Fundamentals of Programming
98. UECS2033 Software Project Management
99. UECS2053 Artificial Intelligence
100. UECS2083 Problem Solving with Data Structures and Algorithms
101. UECS2103 Operating Systems
102. UECS2133 Digital Economy
103. UECS2153 Artificial Intelligence
104. UECS2333 Human Computer Interaction Design
105. UECS2363 Software Construction and Configuration
106. UECS2373 Team Project
107. UECS2403 Operating Systems
108. UECS2413 Problem Solving with Data Structures and Algorithms
109. UECS2423 Operating Systems
110. UECS2453 Problem Solving with Data Structures and Algorithms
111. UECS3173 Programming with Game Engines
112. UECS3203 Advanced Database Systems
113. UECS3253 Wireless Application Development
114. UECS3263 iOS Application Development
115. UECS3273 Programming with Game Engines
116. UECS3463 Wireless Application Development
117. UEEA1243 Circuit Theory
118. UEEA1313 Basic Electronics
119. UEEA1453 Power Systems
120. UEEA2146 Integrated Design Project
121. UEEA2263 Introductory Electromagnetics
122. UEEA2283 Computer Organization and Architecture
123. UEEA2353 Digital Systems Design
124. UEEA2634 Microprocessor and Microcontroller Systems
125. UEEA2663 Electrical Drives
126. UEEA3423 Control Systems
127. UEEA3773 Power Transmission and Distribution
128. UEEA4483 High Voltage Engineering
129. UEEA4663 Embedded System Design
130. UEEA4833 Electrical Design and Utilisation
131. UEEG2113 Law for Engineers
132. UEEN2013 TCP/IP Network Fundamentals
133. UEEN2423 TCP/IP Network Fundamentals
134. UEEN3123 TCP/IP Network Application Development
135. UEEN3433 TCP/IP Network Application Development
136. UEEN1033 Oscillations and Waves

137. UEEP1043 Electricity and Magnetism
138. UEEP1114 Mechanics and Special Relativity
139. UEEP1512 Physics Laboratory I
140. UEEP2023 Optics
141. UEEP2024 Solid State Physics
142. UEEP2074 Nuclear Physics
143. UEEP2083 Computational Physics
144. UEEP2113 Classical Mechanics
145. UEEP2512 Physics Laboratory III
146. UEEP2613 Microelectronic Fabrication
147. UEEP2623 Microelectronic Circuit Analysis
148. UEEP3413 Project Management
149. UEEP3623 Process Integration and IC Manufacturing
150. UEET2563 Communication Theory
151. UEET3573 Data Communications and Networking
152. UEET4293 Electromagnetic Compatibility
153. UEET4563 Mobile and Satellite Communications
154. UEET4773 RF Circuit Design
155. UEMB1103 Hospital Management and Clinical Engineering
156. UEMB1134 Thermo-fluids
157. UEMB2243 Biomechanics
158. UEMB2323 Materials in Biomedical Engineering
159. UEMB3088 Integrated Design Project
160. UEMB4223 Neurobiology
161. UEMB4263 Advanced Biomechanics
162. UEME1112 Engineering Thermodynamics I
163. UEME1121 Mechanical Workshop Practices
164. UEME1253 Engineering Drawing and CAD
165. UEME1323 Statics
166. UEME1333 Engineering Thermodynamics I
167. UEME1343 Material Science and Engineering
168. UEME2123 Fluid Mechanics I
169. UEME2133 Engineering Materials
170. UEME3112 Fluid Mechanics II
171. UEME3133 Mechanics of Machines
172. UEME3133 Mechanics of Machines
173. UEME3153 Fluid Mechanics II
174. UEME3316 Integrated Design Project
175. UEME3318 Integrated Design Project
176. UEME4253 Project Management
177. UEME4343 Computational Methods in Solid Mechanics
178. UEME4393 Quality and Reliability Engineering

179. UEME4423 Manufacturing Technology II
180. UEMH3083 Mini Project
181. UEMH3088 Mechatronics System Design
182. UEMH3163 Artificial Intelligence
183. UEMH4143 Mechatronics System Design
184. UEMH4283 Automation in 4th Industrial Revolution
185. UEMH4333 Machine Vision
186. UEMH4334 Machine Vision
187. UEMH4523 Micro-Electromechanical Systems
188. UEMK1103 Introduction to Process Design and Electrical Systems
189. UEMK1203 Material and Energy Balances
190. UEMK2032 Instrumental Analysis
191. UEMK2323 Separation Processes
192. UEMK2551 Process Engineering Laboratory I
193. UEMK3113 Process Safety and Management
194. UEMK3143 Chemical Reaction Engineering I
195. UEMK3153 Chemical Reaction Engineering II
196. UEMK3213 Unit Operation
197. UEMK3543 Heat Transfer Processes
198. UEMK3551 Process Engineering Laboratory II
199. UEMK4123 Soil and Groundwater Remediation
200. UEMK4233 Industrial Biotechnology
201. UEMK4324 Process and Plant Design I
202. UEMK4354 Process and Plant Design II
203. UEMK4613 Green Chemical Process
204. UEMT3136 Integrated Design Project
205. UEMT3138 Integrated Design Project
206. UEMT3233 Engineering Composite Materials
207. UEMT3243 Physical Metallurgy
208. UEMT4143 Manufacturing Operations Management
209. UEMX1133 Introduction to Building Services
210. UEMX1843 Survey I
211. UEMX2323 Structural Analysis II
212. UEMX2363 Concrete Structures Design II
213. UEMX2423 Geotechnical Engineering
214. UEMX2513 Hydrology
215. UEMX3333 Structural Steel Design
216. UEMX3813 Highway and Transportation
217. UEMX4393 Concrete Technology
218. UEMX4533 Water Resources System
219. UEMX4913 Integrated Design Project
220. UEMX4934 Integrated Design Project II

221. UEMX4963 Engineering Application in Environment
222. UJGS1033 Understanding Politics: State, Nation and Government
223. UJMG1003 Creative Thinking and Idea Generation
224. UKAF1023 Financial Accounting I
225. UKAF1083 Financial Accounting II
226. UKEA1023 Microeconomics I
227. UKEA1033 Macroeconomics I
228. UKFB3053 Financial Markets and Regulations
229. UKFF2013 Business Finance
230. UKFF3083 Financial Statement Analysis
231. UKFF3283 Portfolio Management
232. UKFF3363 Islamic Finance
233. UKMB1013 Principles of International Business
234. UKMM1043 Basic Economics, Accounting and Management
235. UKTC1013 Cross Cultural Management
236. UKTR3013 Property Market Analysis

Compulsory Physical Classes

1. UEBA1116 Architectural Design I
2. UEBA3126 Architectural Design VI
3. UEBA3128 Architectural Design VI

Project

1. UEBC4926 Project
2. UECM3583 Project I
3. UECM3584 Project I
4. UECM3593 Project II
5. UECM3594 Project II
6. UECS3583 Project I
7. UECS3596 Project II
8. UEEP3516 Project
9. UEGE4116 Project
10. UEGE4118 Project

Industrial Training Course

1. UEBC3916 Industrial Training

Thank you.

Faculty General Office
Lee Kong Chian Faculty of Engineering and Science