

روابط فيديو_ مادة المنطق_ الفصل الأول/ المرحلة الثانية

Number Systems & its Conversions:	https://youtu.be/N3YLx7hL0-A
Arithmetic Operations:	https://youtu.be/NgagwT9bscM
Binary Codes:	https://youtu.be/R5smMoihuaA
Logic Gates & Boolean Algebra:	https://youtu.be/KTjKA_vfDgo
Canonical Forms and its Simplification Using Boolean Algebra:	https://youtu.be/wES0VWnqC2w
Karnaugh Map (K-Map)_Part 1:	https://youtu.be/naXPPUd5Pr8
Karnaugh Map (K-Map)_Part 2:	https://youtu.be/uUZYMg3BUlg
Code Conversion Example (part 1):	https://www.youtube.com/watch?v=mg_bdw46Oq4
Code Conversion Example (part 2):	https://www.youtube.com/watch?v=CU7U871SpqQ
Binary Adders:	https://youtu.be/Rjjxd5HOkBQ
Digital Techniques - n-bit Magnitude Comparators without K-map:	https://youtu.be/ftSvyUVvGG4
Decoder and Encoder_Part 1:	https://youtu.be/9okQGOcr2qw
Decoder and Encoder_Part 2:	https://youtu.be/OoZ2Xf96HsA
Multiplexers (Data Selectors):	https://youtu.be/VnXJGEsQnko
Multiplexers (Part 1):	https://www.youtube.com/watch?v=OY3gHdlIlgA
Multiplexers (Part 2) + Lab:	https://www.youtube.com/watch?v=iMwTGvi05vk
Demultiplexes:	https://www.youtube.com/watch?v=KZ4HoOs4z70
Parity Generation/Checking:	https://www.youtube.com/watch?v=R7oRmz_mkp0
Solution of Assignment 1 (Part 1):	https://youtu.be/cMtKznjt8_A
Solution of Assignment 1 (Part 2):	https://youtu.be/fmcvGZXLGTU
Tutorial 1:	https://youtu.be/IP-3likUKKs
Solutions of Assignment 2 (Part 1):	https://youtu.be/qfsJBoWY298
Solutions of Assignment 2 (Part 2):	https://youtu.be/nsHczyCSr08
Solutions of Assignment 2 (Part 3):	https://youtu.be/7hFc3Ilr0tg

روابط فيديو_ مادة المنطق_ الفصل الثاني/ المرحلة الثانية

Digital Techniques II_Lecture 1:	https://youtu.be/BeTgLdbfiTs
Digital Techniques II_Lecture 2:	https://youtu.be/qr_LzwMtJrc
Digital Techniques II_Lecture 3:	https://youtu.be/zNddZ3QHNww
Digital Techniques II_Lecture 4:	https://youtu.be/ZNUEsafKxOc
Digital Techniques II_Lecture 5:	https://youtu.be/Ew9s-5yCi7Y
Digital Techniques II_Lecture 6:	https://youtu.be/8NSZA_qNQLc
Digital Techniques II_Lecture 7:	https://youtu.be/hb-nml6rcNg
Digital Techniques II_Tutorial 1:	https://youtu.be/Eb9kEIDzisM
Digital Techniques II_Tutorial 2:	https://youtu.be/PMSCdHWOBa8
Digital Techniques II_Tutorial 3:	https://youtu.be/owke1Q1Po_0
Digital Techniques II_Tutorial 4:	https://youtu.be/7svnOsMrPBg
Digital Techniques II_Tutorial 5:	https://youtu.be/VL8eVyM-8QU

روابط فيديو_مختبر المنطق/ المرحلة الثانية

Code Converter Simulation (part 1)	https://www.youtube.com/watch?v=Yeik6fbAH2g
Code Converter Simulation (part 2)	https://www.youtube.com/watch?v=faWO4BnnhQY
Binary Adders (Part 1)	https://www.youtube.com/watch?v=6aoJ9cGca3A
Binary Adders (Part 2)	https://www.youtube.com/watch?v=rnt2Xu129Jc
n-bit Magnitude Comparators without K-map	https://www.youtube.com/watch?v=CbuedFgC0Gk
Binary Encoders	https://www.youtube.com/watch?v=tlAuMxkludY
Binary Decoders (Part 1)	https://www.youtube.com/watch?v=DLdEd0NJMvk
Binary Decoders (Part 2)	https://www.youtube.com/watch?v=s5CLNvvNwJY
Binary Decoders (Part 3)	https://www.youtube.com/watch?v=Nvy27j-Xxqw
Multiplexers (Part 1)	https://www.youtube.com/watch?v=iMwTGvi05vk
Multiplexers (Part 2)	https://www.youtube.com/watch?v=JbfYh6_k3-Y
Demultiplexes	https://www.youtube.com/watch?v=KZ4Ho0s4z70
Parity Generation/Checking:	https://www.youtube.com/watch?v=R7oRmz_mkpo