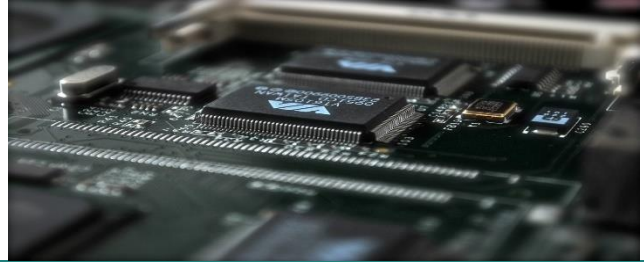


IMPORTANT EMBEDDED LINKS



LINK

Topic

YOUTUBE PLAYLISTS

C Programming

https://www.youtube.com/playlist?list=PLfgCIULRQavzxY-IO2sO5Vj5x7C_tjW3R

C programming
باشمهندس محمد يوسف

<https://www.youtube.com/playlist?list=PLBlnK6fEyqRggZZgYpPMUxdY1CYkZtARR>

C programming- Neso Academy

<https://www.youtube.com/playlist?list=PLRJhV4hUHIymdWRSwo3cZUIHetbmsSuzS>

Pointers in C

https://www.youtube.com/playlist?list=PL2_aWCzGMAwLZp6LMUKI3cc7pgGsasm2

Pointers in C

<https://www.youtube.com/playlist?list=PL6XhtJWb6Qa-fLyGoPdcP6sQtxEdgl0hQ>

Embedded Software Hardware interaction (بالعربي)
-pointers
-Pipeline
-loops
-decision making
-complex declarations
-structures
-addressing modes
-const
-functions
-C preprocessor
-C Operators

https://www.youtube.com/playlist?list=PLlnHaYmkH6w_9bjzzuwYmCHMTWbj9s4j3

C Programming Tricks

https://www.youtube.com/playlist?list=PLrD0HM23WhqFB7O20Vk92Nb9-3zvBpdbt	Arabic C programming tutorials
https://www.youtube.com/playlist?list=PL98qAXLA6aftD9ZlnjpLhdQAOFI8xIB6e	C Programming for Beginners- Programiz

Embedded Courses

https://www.youtube.com/playlist?list=PLikkRSgdfjuqIPKfQkPm4FeB9QT8dPoJw	Embedded systems course باشمهندس حسام محمد
https://www.youtube.com/playlist?list=PL6XhtJWb6Qa_CwleWM46EIgiR25EySpxC	Embedded C شرح بالعربي
https://www.youtube.com/playlist?list=PL6XhtJWb6Qa-inO_qYtlG2RkZV7itreUX	Embedded systems course بالعربي
https://www.youtube.com/playlist?list=PLPlqCiMhcdO7TJiOvupVWuVCEsSWMKuWJ	Embedded Systems Course - Version 2 – 2012 UNC Charlotte's Embedded Systems Course, ECGR4101/5101 taught by Professor James Conrad in the fall semester, 2012 Course materials are at: https://webpages.charlotte.edu/~jmconrad/EducationalMaterials/index.html
https://www.youtube.com/playlist?list=PLE4462C1C306E2EB2	Embedded Systems Class - Version 1 - 2011
https://www.youtube.com/playlist?list=PLr3hKk1ELzmuJurnOp9DUM-4KTC2WXkxS	Master C / Embedded C Programming for Embedded System Course باشمهندس فهد
https://www.youtube.com/playlist?list=PLEsisZxbZudjgV_5aXnyQIgw_cQd2bwPn	Embedded Projects بالعربي
https://www.youtube.com/playlist?list=PLkH1REggdbJpFXAzQqpjZgV1oghPsf9OH	Embedded Linux [عربي] باشمهندس معتصم السيد

https://www.youtube.com/playlist?list=PLoUXv0yUQc10BjFSwY2NtnCrPxpMRPKQ	Introduction to Embedded Systems Arabic باشمهندس عمرو علي
https://www.youtube.com/playlist?list=PLI3yF2kjT6AzLxhOuCEBY-8RzOIB1sfN	Embedded Boot-Loader Design Course
https://www.youtube.com/playlist?list=PLPW8O6W-1chwyTzI3BHwBLbGQoPFxPAPM	Modern Embedded Systems Programming Course

ARM Courses

https://www.youtube.com/playlist?list=PLPFp2zliTnxXjxS-tC0u6m5zuSSJ1NLFw	ARM CORTEX-M4 / STM32 باشمهندس أحمد الديب
https://www.youtube.com/playlist?list=PLfgCIULRQaywpLde25KzYgwgQ57-n2_xF	ARM32- باشمهندس محمد يوسف
https://www.youtube.com/playlist?list=PLPFp2zliTnxWdhW-lfEWPSEpTmmZ7_Oij	Microcontroller Interfacing – باشمهندس أحمد الديب Based on STM32
https://www.youtube.com/playlist?list=PLRJhV4hUhiykXo5vsDoufPCujEDr6xZvC	Interrupts based on ARM Cortex-M4
https://www.youtube.com/playlist?list=PLjnlzYHQ0kpn5h7iDALPjHzzQZxS8JNMm	Embedded Systems Course - PIC Microcontrollers Tutorials [Arabic] كورس ميكروكنترولر عربي باشمهندس خالد مجدي

RTOS

<https://www.youtube.com/playlist?list=PL6XhtJWb6Qa8WCBqlQbp8VQ6ObIW3DvCo>

بالعربي RTOS

https://www.youtube.com/playlist?list=PLPFp2zIiTxVI2NdZ_yI5k2ilNCZEqOfB

شرح بالعربي RTOS
باشمهندس أحمد الديب

<https://www.youtube.com/playlist?list=PLVxBVAdu4pn7UTHjmslHicZiYtyRbxs6z>

شرح بالعربي RTOS

AUTOSAR

https://www.youtube.com/playlist?list=PLMsb53eVMxSNOqUB5r1biEM_lea4J9-rt

شرح بالعربي AUTOSAR

<https://www.youtube.com/watch?v=MEIHn6ghU2U>

شرح بالعربي CAN Bus

https://www.youtube.com/playlist?list=PLQUxWr2rTs_wlHvRSphLEB0KU72w6dZzbq

ISTQB Foundation Level 2018
بالعربي

INTERESTING LINKS

http://online.imtschool.com/?fbclid=IwAR3--WaFeE3i3lzTFJIRRUERNGN6RcxQxv66HDLNtsJX34ji2Odg1dhPP7o	RTOS part by Eng/ Medhat Fahmy is SUPER and highly recommended!
http://files.imtschool.com	Not all of the materials available Some are available without permission
https://www.mediafire.com/folder/nou0159525euj/Embedded_System_Course#nou0159525euj	ماتيريال باشمهندس حسام محمد
http://www.vlsiacademy.org/lectures.html	Multiple tracks besides Embedded Systems
https://people.ece.cornell.edu/land/courses/ece4760/FinalProjects/	Cornell University ECE 4760 Designing with Microcontrollers Final Projects
https://drive.google.com/drive/folders/1PGYn92ovPXOw1c7pQon0I54bZPsXCajx?fbclid=IwAR1af1VVPL2HIRKVHQYxmuDJMvWFNpN4SMxq7Mal8khGtLFKNWFiWCXFhQk	AUTOSARzs

GITHUB LINKS

https://github.com/niekiran/MasteringRTOS/tree/master/RTOS_workspace?fbclid=IwAR0gdXZ03p4vYxMUbzKdV9yibjIsgClO4o6-OB50JO-mRWOk72x3VJGx2g	Mastering RTOS
https://github.com/omarehab2411/FreeRtos_Projects_TivaC?fbclid=IwAR3RWOCpZjJILBJb5T_S19SmLZ_ZFA6ls_6zGYYbSEcrwYeemsva4GH3k_8	FreeRtos_Projects_TivaC
https://github.com/AhmedSamyYossuf/ARM_CortexM4_SmartHome_Using_RTOS?fbclid=IwAR1Qc6HYnhdoZil6fMBQkBBtpKTothFcq3qr9gYJVE1F5gXcutr0NWekOq8	ARM_CortexM4_SmartHome_Using_RTOS
https://github.com/Mohammed-AhmedAF/Tiva-C-LightController	Tiva-C-LightController
https://github.com/Mohammed-AhmedAF/ARM	ARM (TIVA-C & STM32xxxx)

https://github.com/Mohammed-AhmedAF/UART_BOOTLOADER	UART_BOOTLOADER (based on ARM TIVA-C)
https://github.com/Mohammed-AhmedAF/BootloaderProjectSTM32/tree/master/SourceCode	BootloaderProjectSTM32
https://github.com/Developer-Y/cs-video-courses#embedded-systems	NINJA LINK!!!
C Programming Websites	
https://www.programiz.com/c-programming	
https://www.tutorialspoint.com/cprogramming/index.htm#	
https://www.linkedin.com/learning/topics/c-2?trk=lynda_redirect_learning	
https://aticleworld.com/c-tutorial/	
https://www.javatpoint.com/c-programming-language-tutorial	
https://www.studytonight.com/c/	
https://www.indiabix.com/c-programming/questions-and-answers/	

<https://www.geeksforgeeks.org/c-programming-language/?fbclid=IwAR0lw2i1aekfLIyoIVZf4xge90HZnuQIXVINLcUS7kKq4d74WTSDcwT3mow>

<https://www.sanfoundry.com/1000-c-algorithms-problems-programming-examples/>

<https://www.w3resource.com/c-programming/programming-in-c.php>

<http://www.c4learn.com>

<https://codeforwin.org/2017/08/introduction-c-programming.html>

<https://www.demo2s.com/c/c.html>

<https://fresh2refresh.com/c-programming/>

<https://codeforwin.org/c-programming-examples-exercises-solutions-beginners?fbclid=IwAR3tArOm89XSiDzVQaHo7qEYzQtzpPRJQE0eGxDtzaqKXzL1dTZcMoKupCI>

<https://www.atnyla.com/general-knowledge/88/159>

https://quescol.com/interview-preparation/c-coding-questions?fbclid=IwAR3Ub_hesz-J3XVR5RqhbfnKNm0K5KNtkSYSKDL6ZV9y4urtwCeULCTIf_9o

<https://www.sololearn.com/learning/1089>

