**Embedded Systems Courses**

1. **C Programming and Embedded C**

- Introduction to C Programming Arabic Amr Ali (Arabic)  
<https://lnkd.in/eTn3fVUa>

- Arabic C programming tutorials (Arabic)  
<https://lnkd.in/egW-gVng>

- pointers (English)  
<https://lnkd.in/eDDW8-RP>

- Introduction to Data Structures Ph.D Waleed Yousef  
<https://lnkd.in/eqw_KyCG>

- Problems Solutions  
<https://lnkd.in/eb28pX8t>

- Hakerrank site to solve C problems and learn how to think.  
<https://lnkd.in/e-RDzXtM>

**2) Embedded C and Embedded interfacing**\_Embedded System Course 2015 - Arabic  
<https://lnkd.in/enuv32Zn>

\_Embedded C Programing - ATMEL AVR(Arabic)  
<https://lnkd.in/ezvxzFcB>

\_Embedded System Design using AVR Microcontroller (Arabic)  
<https://lnkd.in/eaDUt7sd>

\_ Embedded system course in Arabic  
<https://lnkd.in/eGMVU5tf>

\_ Embedded C (Arabic)  
<https://lnkd.in/eQfhznRp>

\_ Microcontroller and Interface  
<https://lnkd.in/eXxRnSNu>

Systems Course - PIC Microcontrollers Tutorials [Arabic]  
<https://lnkd.in/eEgP8kkF>

\_ Embedded Systems Minutes (ESM)  
<https://lnkd.in/ed9_Njgh>

**3) ARM Cortex-M4**<https://lnkd.in/exY28uas>

\_Modern Embedded Systems Programming Course  
<https://lnkd.in/e2Y3QuyX>

**4) Operating system (free RTOS )**\_ RTOS Course (Arabic)  
<https://lnkd.in/eB9kPtRp>

\_introduction to Embedded Real Time Operating systems (Arabic)  
<https://lnkd.in/enDhNRNz>

\_RTOS Quantum Leaps, LLC (English)  
<https://lnkd.in/e-ya69fz>

\_Real Time Operating Systems Concepts (RTOS)Series  
<https://lnkd.in/eDdhG5pk>

\_ ITI operating system  
<https://lnkd.in/ebB-4gBk>

**5) AUTOSAR videos (Advanced )**<https://lnkd.in/euyxxWgJ>