

Embedded System Diploma

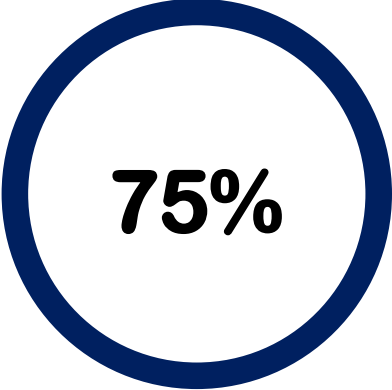


B e y o n d E d u c a t i o n

AMIT Learning

- 1- The First Engineering Training Academy in Egypt accredited from ISO 9001:2015.
- 2- More than 10 Years of experience in Software and Embedded System.
- 3- Trained More than 10.000 Students.
- 4- Full-time technical support team at your service.
- 5- A group of professional instructors from multinational companies.
- 6- Practical training on real devices & advanced hardware KIT.

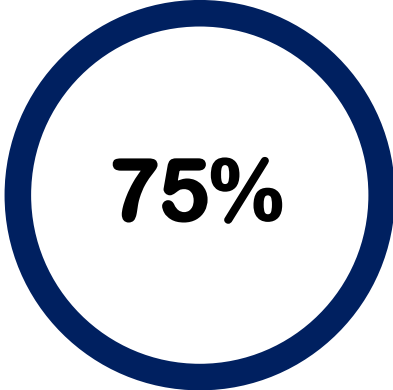
Police & Rules AMIT Certificate



75%

Attendance

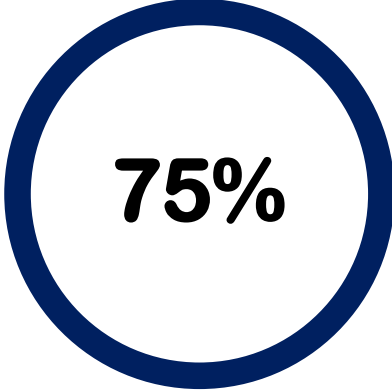
Must be minimum 75%



75%

C Exam

Must be minimum 75%



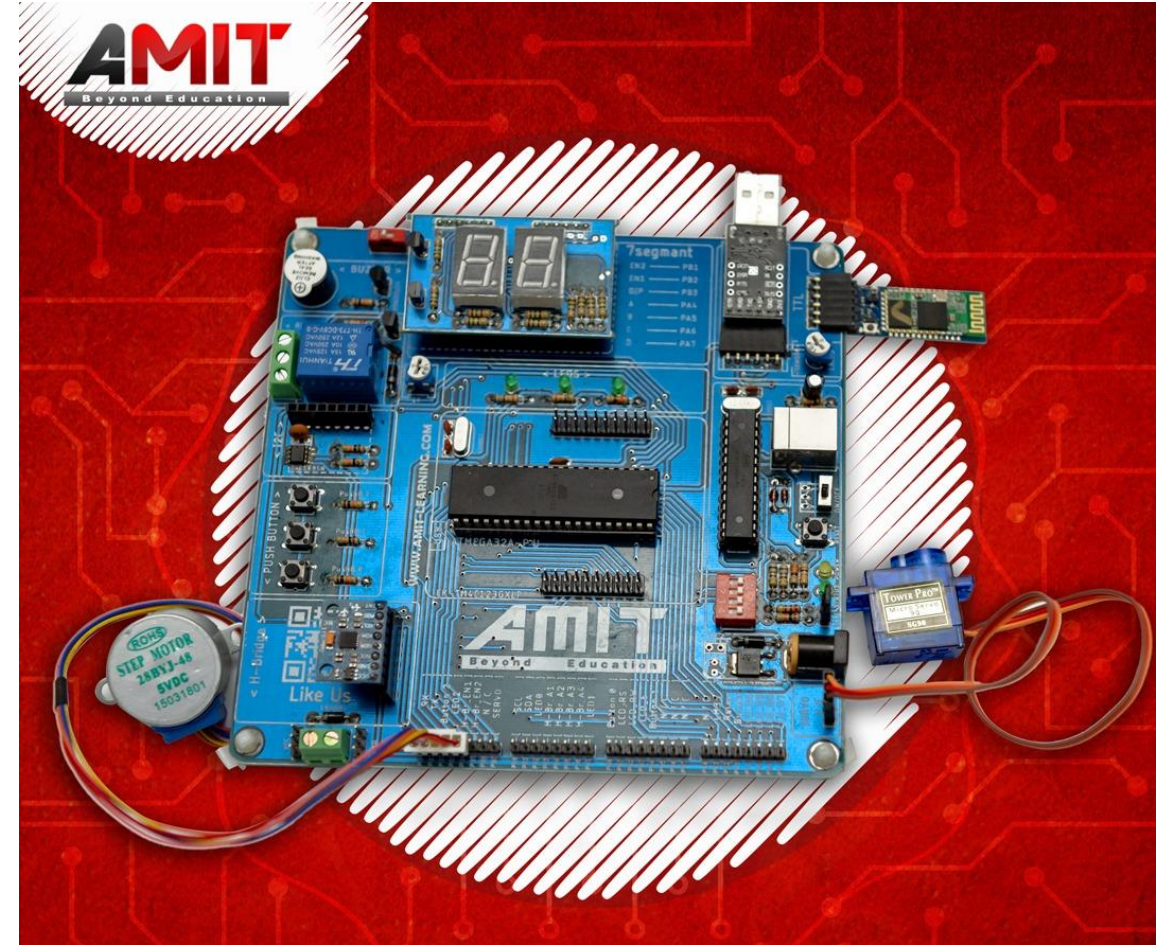
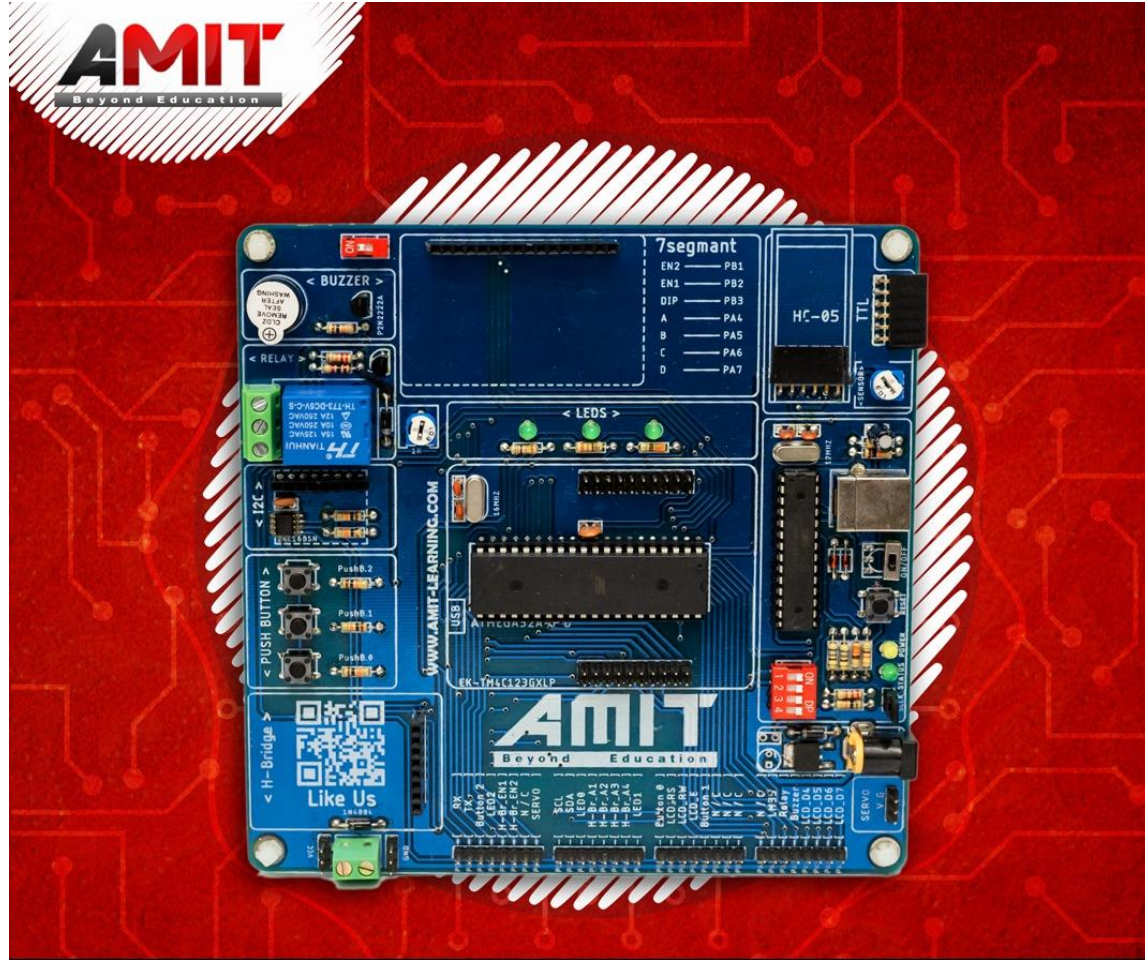
75%

Project Grade

Must be minimum 75%

AMIT KIT Delivery

* First Session in interfacing course



Manual Link : <https://github.com/AMITLearningGit/Modular-Kit>

Graduation Project

- 1- Send project to : Project@amit-learning.com
- 2- Subject mail : Group name – student name
- 3- Mail : Instructor name , Github link & Simulation Video

Note : if you don't meet the project deadline without any excuse “ by Ticket “ ,
you will pay 500 LE to get the certification

Deadline : 2 weeks after last session in interfacing course

How Follow up the Material , Attendance & Feedback

Login Page : <https://students.amit-learning.com/login>




Diagram illustrating the login process:

- Input fields: Email, Mobile Number
- Arrows pointing to the login form
- Login form fields: Email, Password
- Buttons: Log in, Forget your password ?

Profile Home Page



Tickets

Feedbacks ¹

Materials ⁴⁷



Name	[REDACTED]
Email	[REDACTED]
Mobile	[REDACTED]
Level	Undergraduate
Diploma	Embedded Systems
Group	Nasr 11
Training days	Saturday, Friday
Group end date	2020-02-21
Total sessions	31

Attendance (17 / 20)

Micro controller and microprocessor and AVR &ARM interfacing 6 / 9

Embedded system Tools 1 / 1

Software Engineering 1 / 1



Material Page

[Tickets](#)[Feedbacks](#)

1

[Materials](#)

47



Introduction to embedded systems

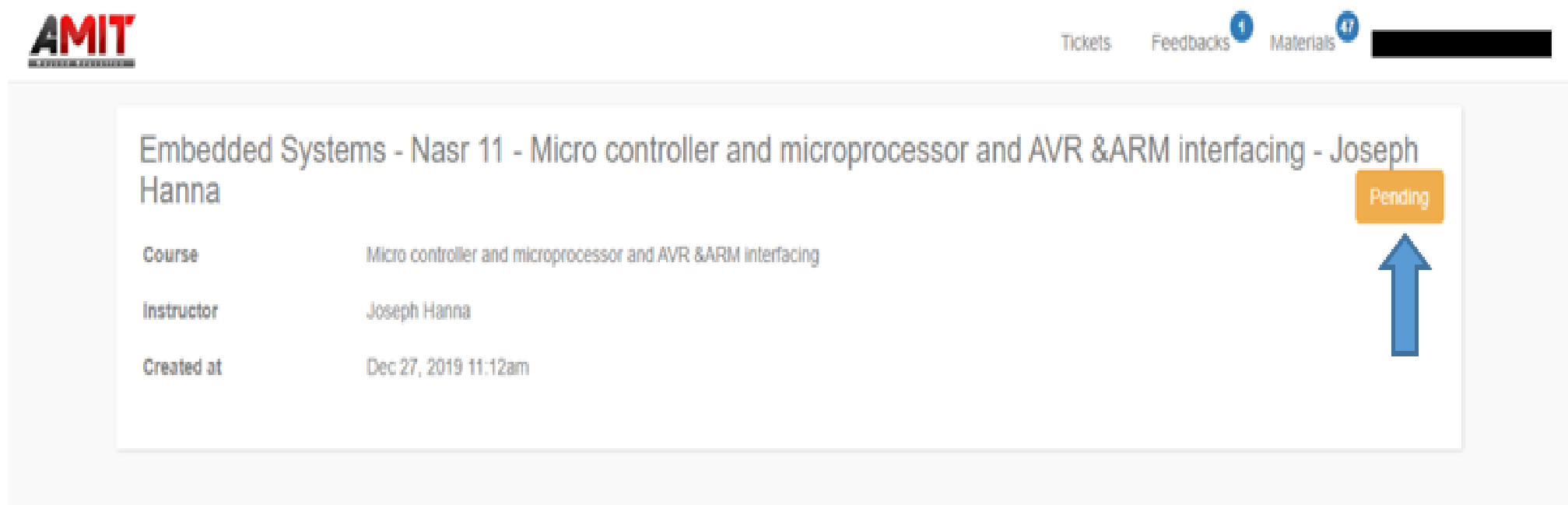
Name	Extension	Size	
Introduction to Embedded Systems	pdf	2.77 MB	

C Programming & Data Structure

Name	Extension	Size	
Algorithms	pdf	768.84 KB	
C Standard	pdf	192.13 KB	
Build Processes	pdf	526.38 KB	
Code Optimization	pdf	249.52 KB	
Control Flow	pdf	463.08 KB	

Feedback Page


- Click on feedback tap and then select feedback with pending status



The screenshot displays the AMIT user interface. At the top left is the AMIT logo. On the top right, there are navigation links for 'Tickets', 'Feedbacks' (with a blue circle containing the number '1'), and 'Materials' (with a blue circle containing the number '47'). A black profile bar is also visible. The main content area shows a feedback entry for 'Embedded Systems - Nasr 11 - Micro controller and microprocessor and AVR &ARM interfacing - Joseph Hanna'. To the right of the entry is an orange 'Pending' button. A large blue arrow points upwards towards this button. Below the title, a table lists details: Course (Micro controller and microprocessor and AVR &ARM interfacing), Instructor (Joseph Hanna), and Created at (Dec 27, 2019 11:12am).

Embedded Systems - Nasr 11 - Micro controller and microprocessor and AVR &ARM interfacing - Joseph Hanna	
Course	Micro controller and microprocessor and AVR &ARM interfacing
Instructor	Joseph Hanna
Created at	Dec 27, 2019 11:12am

Feedback System



TicketsFeedbacks1Materials47

Embedded Systems - Nasr 11 - Micro controller and microprocessor and AVR &ARM interfacing - Joseph Hanna

Course

Micro controller and microprocessor and AVR &ARM interfacing

Instructor

Joseph Hanna

Created at

Dec 27, 2019 11:12am

Instructor Feedback

* Presentation abilities ?

☐ Poor ☐ Good ☐ Very Good

* Knowledge of subject matter ?

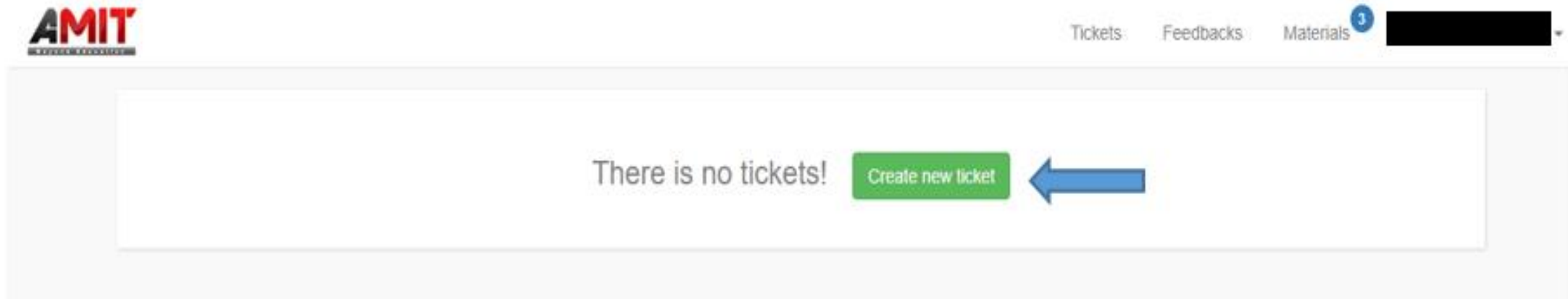
☐ Poor ☐ Good ☐ Very Good

* How well prepared was the instructor ?


☐ Poor ☐ Good ☐ Very Good


Tickets System

Click on tickets tap and Help improve AMIT



Tickets System



Tickets Feedbacks ¹ Materials ⁴⁷ 

Create new ticket

Title

Ticket title

Describe your issue ...

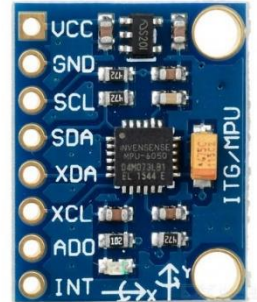
Create

Codes and Projects

- Material and Labs on github
- <https://github.com/AMITLearningGit/AMIT-Material-and-Labs>
- Examples of Device Drivers
- https://github.com/melzeny/e15_repo/tree/master/SRC
- Examples of Graduation Projects
- https://github.com/AMITLearningGit/AMIT_Grad_Projects

Available modules to practice Interfacing

- Bluetooth
- USB to Serial (TTL) for PC interface via UART
- MPU6050 [Gyroscope and Accelerometer]
- Servo Motors
- DC Motors
- Stepper Motors



Embedded System Outlines

- Introduction (4H)
- C Programming & Data Structure (40H)
- Software Engineering (4H)
- Embedded system Tools (6H)
- Embedded C (16H)
- Microcontroller Interfacing AVR &ARM (54H)
- RTOS (20H)
- ISTQB (16H)
- Automotive Bus technology (4H)

AMIT

B e y o n d E d u c a t i o n

Thank You
AMIT Team