

Internship Information

Intern/ vacancy 1

Number of interns available: 6

Internship Title : Design and Implementation of Radio frequency (RF) Passive Circuits
 Department : Communications & Electronics Departments 6th Semester Students

Name of intern's supervisor : Hany Hammad
 Supervisor's Title : Associate Professor
 Supervisor's E-mail : hany.hammad@guc.edu.eg
 Telephone : Ext. 1144

Intern's Job Description:

The student will use his knowledge from previous courses to:

1. Design a compact eight port Butler Matrix to operate in the X-band range with all its various components.
2. Simulate the designed circuits on full electromagnetic simulator package.
3. Fabricate the circuit using the milling machine (If the circuit objectives are met).
4. Measure the final design using the network analyzer.

Note: the students will be divided into two groups (3 each) working in parallel.

Please send me an email with your Name, Student ID, and GPA with Subject "RF Intern"

Intern's Qualification:

Required major (**IET 6th semester communications & Electronics Departments**)

Engineering

- Information Engineering & Technology "IET"
- Media Engineering & Technology "MET"
- Engineering & Material Science "EMS"

Management Technology

- General Management,
- Technology Based Management
- Business Informatics

Biological Science

- Pharmacy
- Biotechnology

Required skills No specific skill is needed but it is preferred to have scored a good grade in RF Engineering and Communication Engineering courses.

Compensation: _____

Training period: June 28th till July 29th

Working Hours : 10 am to 4 pm

Days Off : Friday, Saturday and Sunday

Location : Communications Laboratory C3-303