

Mathematics and Computer Science Department  
COORDINATOR OF THE PROGRAM  
PR. SOUAD AHRIZ  
E-MAIL : ahriz@enset-media.ac.ma



### CAREER OPPORTUNITIES AND INTEGRATION

#### **Functions:**

Design engineer, Project manager,  
Development engineer,  
Network engineer,  
Systems Administrator,  
Analysis of all types of problem,  
IT solutions design engineer,  
information systems development engineer,  
information systems administration engineer,  
information systems architecture engineer,  
application and data server administration engineer,  
data analysis engineer to assist decision-making,  
Quality Engineer,  
Security Engineer, Consultant,  
Teacher, Researcher, ...

#### **Sector:**

##### **Public sector:**

Ministries, public administrations,  
Higher Education

##### **Semi-public sector:**

Offices, Régies, ...

##### **Private sector:**

Software publishers,  
Engineering and consulting firms,  
Offshore companies,  
Telecoms operators,  
Banks, Insurance companies,  
Industries,  
IT solutions design and development companies, IT services and engineering companies (SSII),  
Business intelligence systems design and development companies.

### OBJECTIVES OF THE PROGRAM

The objectives of the Software Engineering and Distributed Computer Systems file are to:

- Train generalist, multi-skilled computer engineers who develop a range of skills in various areas of Information and Communication Technologies (ICT),
- To train a profil capable of meeting the needs of companies using and operating in the field of ICT and computer systems in general and distributed systems in particular.

### SKILLS ACQUIRED ON COMPLETION OF THE PROGRAM

Graduates of the Industrial Engineering and Logistics filière must be able to :

- Analyse all types of problems related to industrial engineering and logistics,
- Design and develop an information system,
- Administer and secure an information system,
- Analyse system data to assist decision-making,
- Developing a systems dashboard,
- Studying all types of system and proposing appropriate, optimal and high-quality solutions,
- Drawing up a strategic master plan,
- Aligning a strategy with a company's business strategy...

### ACCESS CONDITIONS :

- Candidates who have completed the two preparatory years of the engineering cycle,
- Candidates who have passed the national competitive entrance examination,
- Holders of the following diplomas (examination + competitive exam): DEUG, DUT, DEUST, DEUP, DEUT, BTS, DTS, In two consecutive years with at least a mention "Assez bien".