

Electrical Engineering Department
 COORDINATOR OF THE PROGRAM
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CAREER OPPORTUNITIES AND INTEGRATION

Functions:

- Project manager for electrical installations,
- Test and commissioning engineer,
- Design office engineer,
- Research and development engineer,
- Maintenance and diagnostics manager,
- Project manager,
- Technical coordinator,
- Electrical engineer,
- Production manager, production line manager, planning and scheduling manager, quality manager, methods manager, etc.

Sector:

- Production industries,
- Design and development companies,
- Service and engineering companies.
- Industrial systems design and development companies,
- Transport and industrial equipment,
- Engineering services and technical studies,
- Transport equipment and industrial equipment,
- Bureau d'étude Ingénieries et Développement,
- Offices and semi-public bodies : ONEE, CDER, etc....
- Automotive industries,
- Mechatronics,
- Consulting firms, Regional offices, National and international organisations
- Energy for the home,
- Research and development laboratories in the field of energy and energy efficiency, etc.

OBJECTIVES OF THE PROGRAM

The aim is to train multi-skilled engineers in electrical engineering who are capable of meeting the skill requirements of companies operating in the industrial field. These skills cover a broad spectrum of electrical engineering, such as electronics, electrical engineering, automation and industrial computing, as well as areas relating to the control of industrial systems. Graduates of this programme will therefore be able to work in various areas of electrical engineering, from drawing up and analysing specifications to designing, controlling and maintaining processes.

SKILLS ACQUIRED ON COMPLETION OF THE PROGRAM

- Development of a critical and analytical mind,
- Design of electrical installations,
- Integration of optimisation and reliability aspects in the implementation of systems,
- Mastery of electrical engineering concepts and techniques,
- Automation and control of an industrial process,
- Drawing up specifications for the installation of an electrical system,
- Mastery of optimisation technique and procedures,
- Implementation of automation tools and overall supervision of a production system,
- Choice, adjustment and use of digital measurement and control systems and associated IT tools,
- Implementation of real-time systems,
- Project management,
- Mastery of foreign languages.

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".