Mediterranean Institute of Tunis
MIT Polytech

Mediterranean
Institute of Tunisia

Engineering School
Since 2013

Industrial & Logistics Enginering Cycle

1.
Presentation of MIT Polytech

Who Are We?

Mediterranean Institute of Tunis

- ***(Private Mediterranean Institute of Tunisia: MIT Polytech)***
- ***Initial Agreement date by Ministry*** *: 2013*
- ***Activity****: Education (University; High school)*
- ***Address*** *: 2, Rue de Sousse 1006Tunis*
- ***Phone*** *: 216- 71 283416 ;* ***Fax*** *: 216- 71 283 419*
- ***Web Site*** *: www.mit.tn; www.mit-polytech.tn , contact@mit-polytech.tn*

2.
Degrees

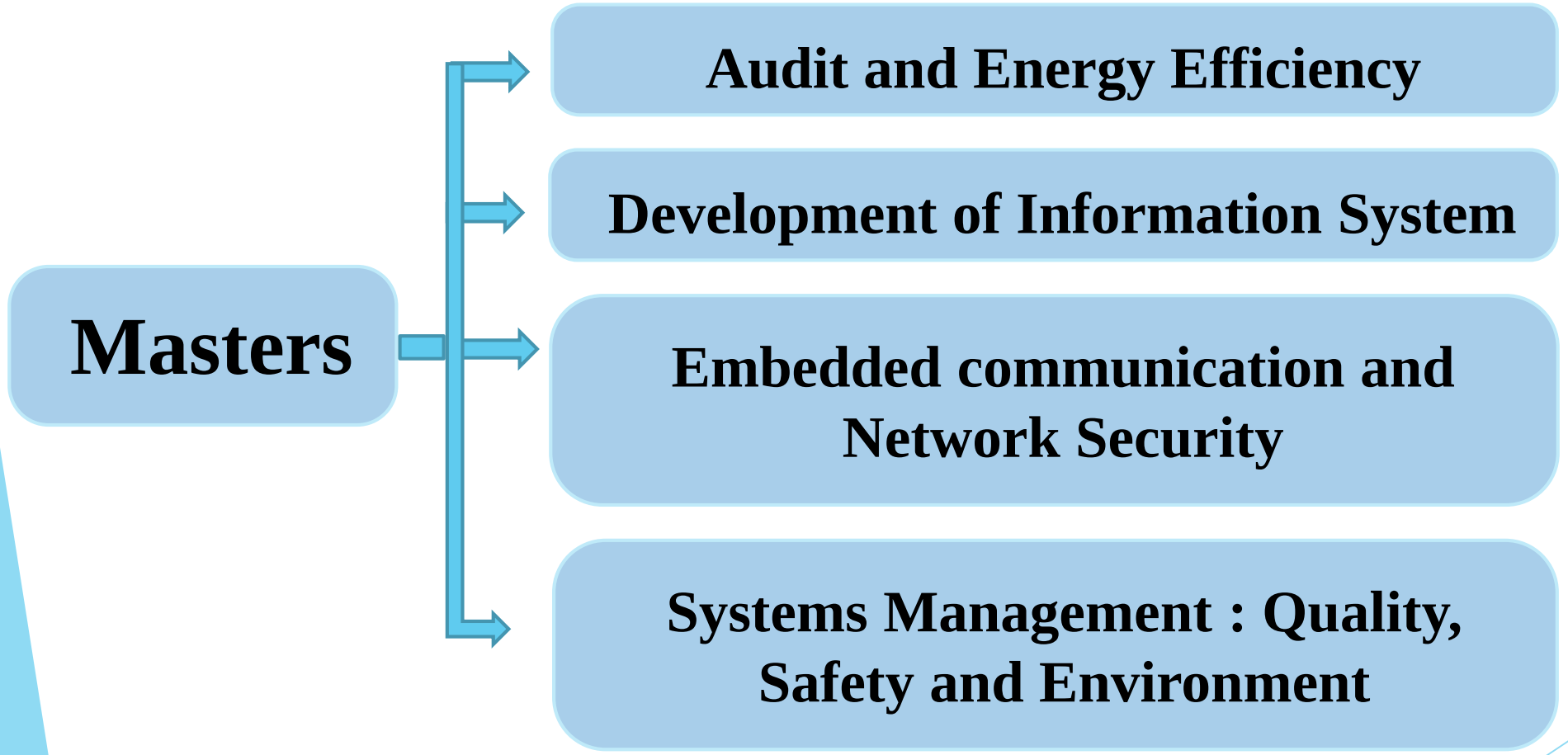
Degrees

Preparatory Cycle → **Math Physics**

Bachelor Degree

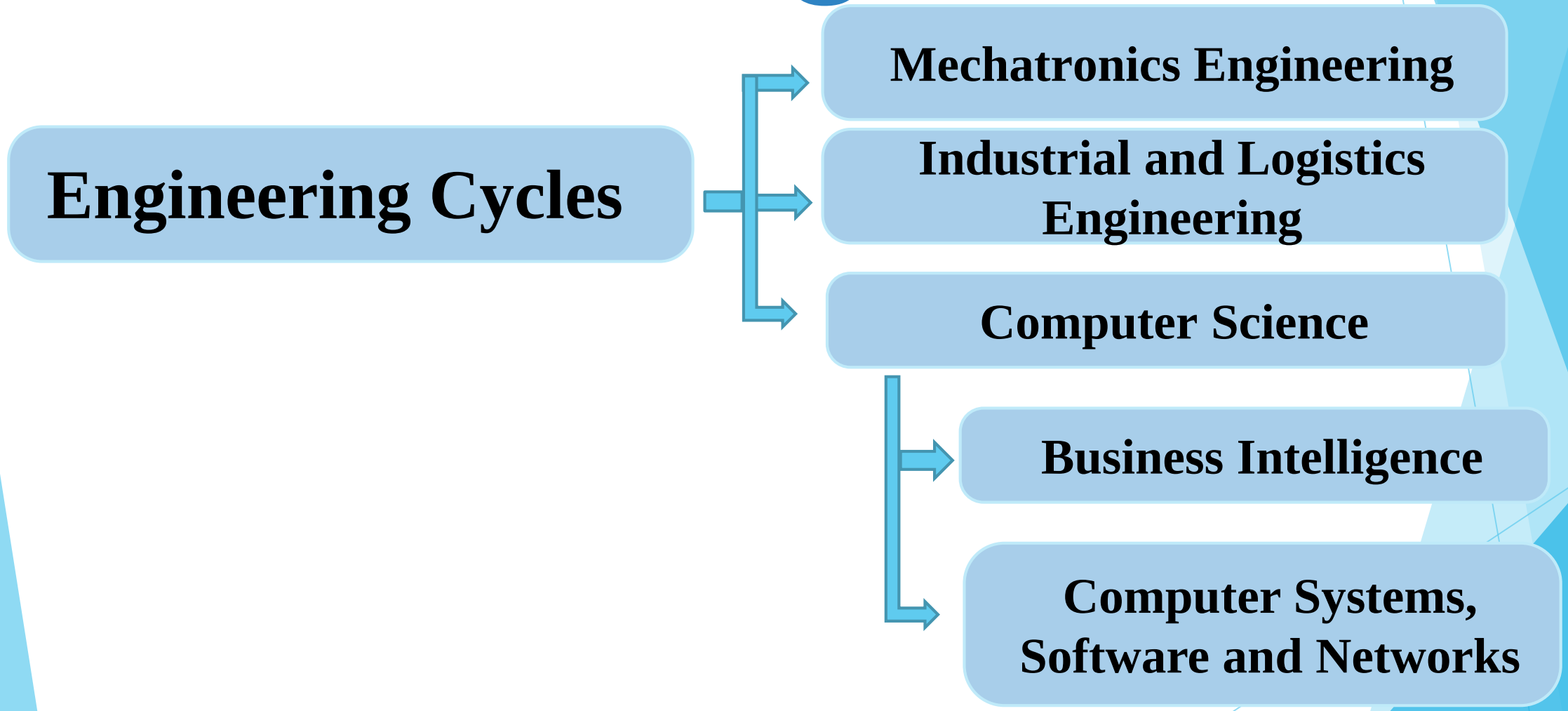
- **Embedded System IoT**
- **Business Intelligence BI**
- **Electrical Engineering**
- **Software Engineering and Information System GLSI**

Degrees


Masters
Audit and Energy Efficiency
Development of Information System
Embedded communication and Network Security
Systems Management : Quality, Safety and Environment

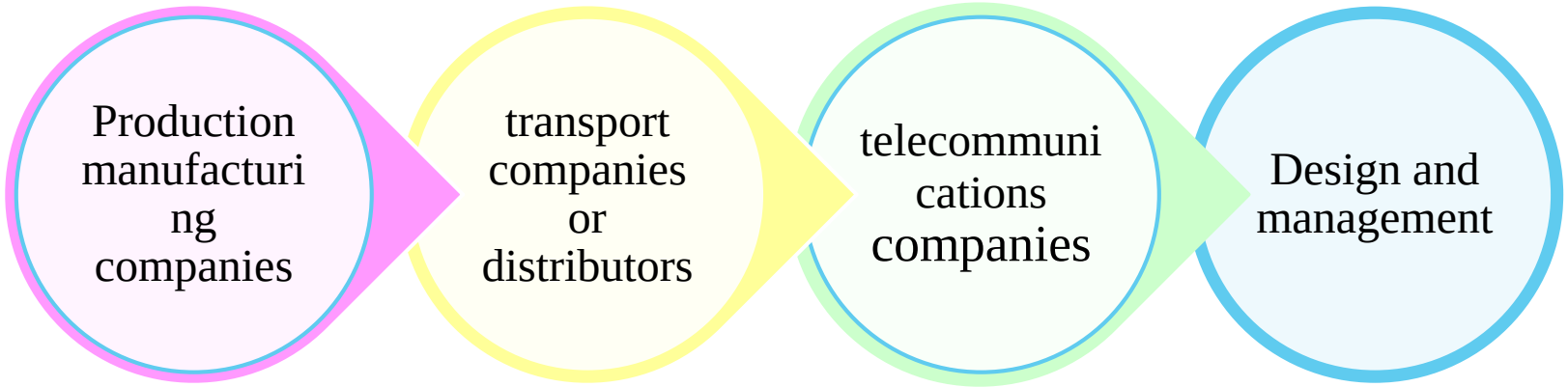
6

Degrees


Engineering Cycles
Mechatronics Engineering
Industrial and Logistics Engineering
Computer Science
Business Intelligence
Computer Systems, Software and Networks

Industrial & Logistics Enginering Cycle in MIT Polytech

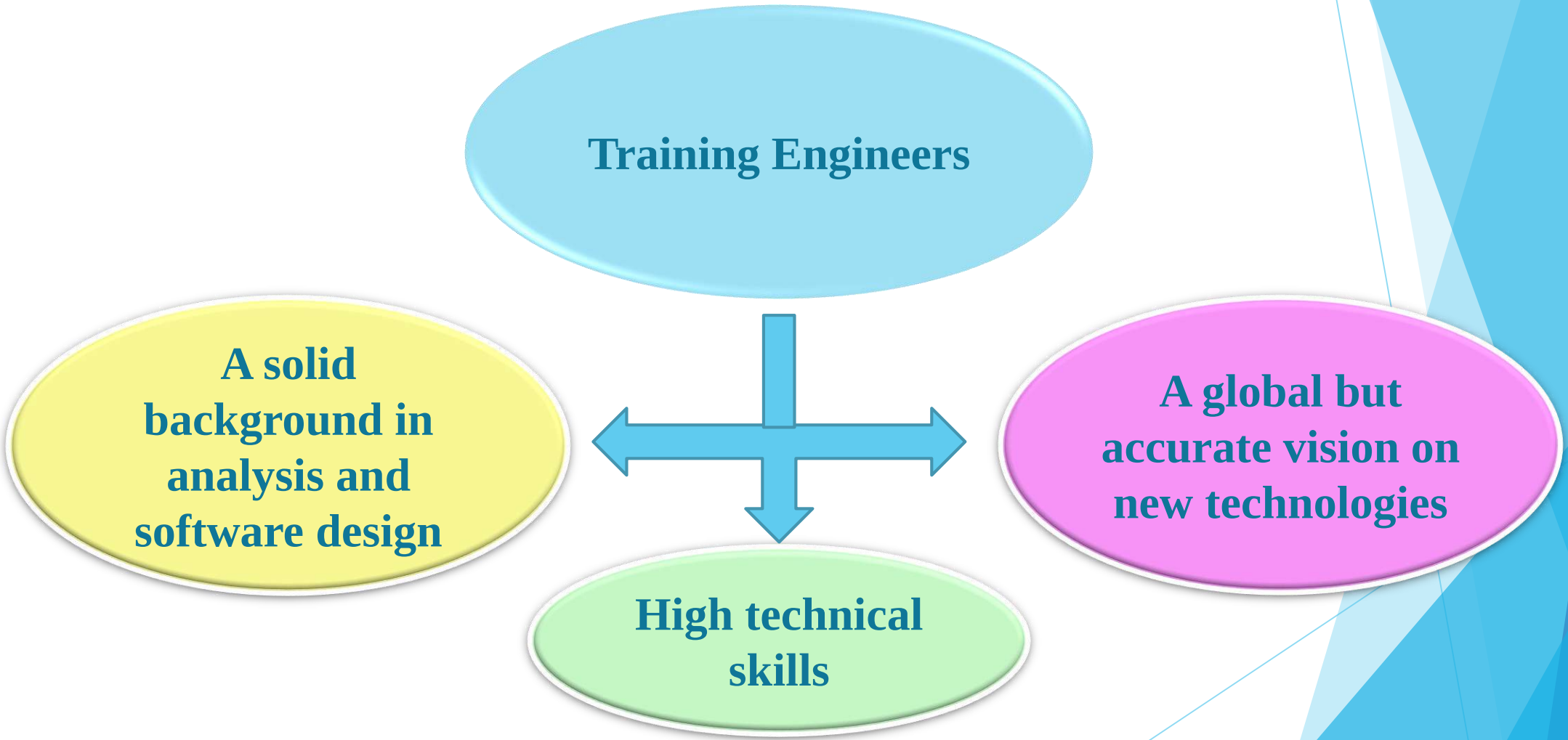
The industrial & logistics engineer is today one of the main drivers of technological development in companies and he can work in a large number of fields because his knowledge and skills are multidisciplinary:



At MIT Polytech industrial & logistics engineer has :

- ✓ Diversified scientific technical skills;
- ✓ Strong desire for organization and efficiency;
- ✓ Time management skills and competencies;
- ✓ Skills and creativity in problem solving;

Our Main Goals



Our Main Goals

Competence profile

- An industrial & logistics engineer in MIT Polytech can usefully fit into :
  - R&D engineers
  - Design engineers
  - Project manager
  - Methods and industrialization engineers
  - Quality engineers
  - Production engineers
  - Consulting engineers

Vision

- **Skills and qualities required by the MIT Polytech industrial & logistics engineer :**

- Time management skills and competencies;
- Strong desire for organization and efficiency;
- Management and leadership skills;
- Passion for improvement;
- Excellent communication and listening skills;
- Skill and creativity in problem solving;
- Negotiation skills;
- Diplomacy, patience;

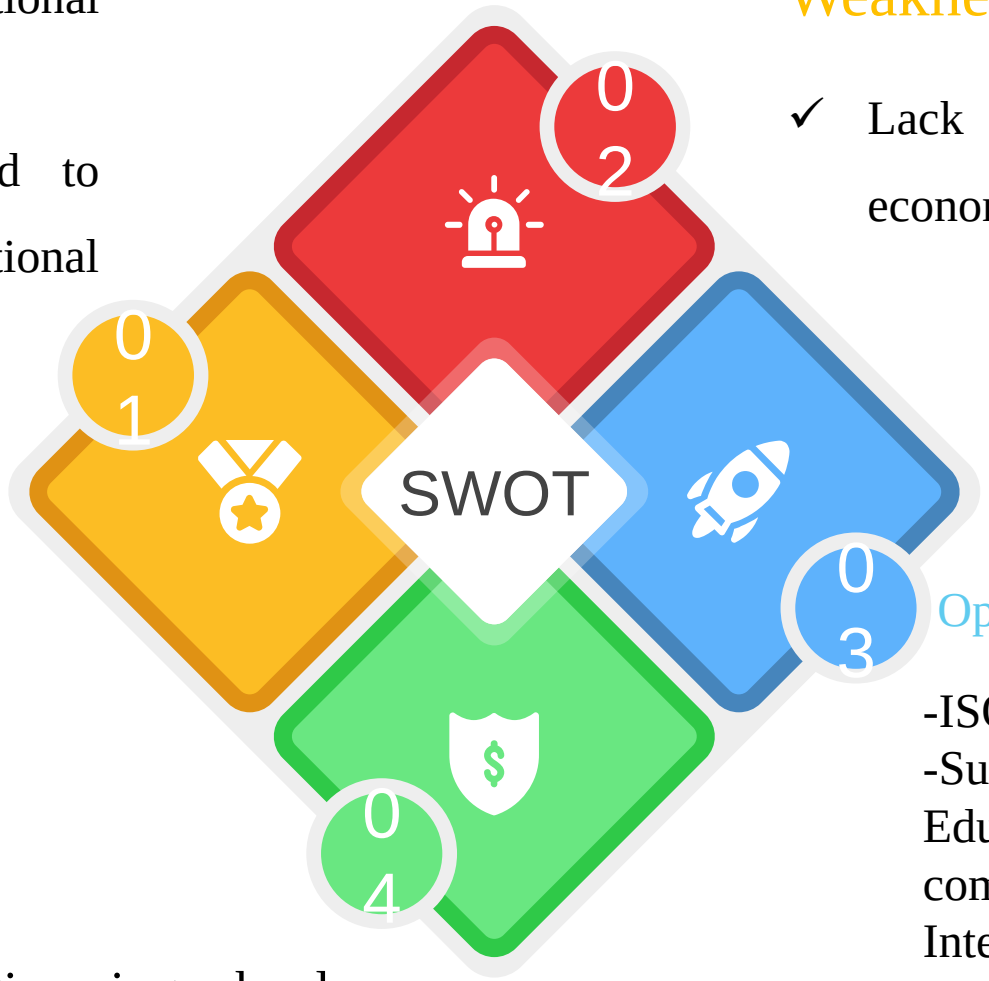
- **Promote collaborations with national and international stakeholders**

5.
Agility for Opportunities & New Technologies

SWOT Analysis

Strengths

- ✓ Teaching according to international standards,
- ✓ Technical certifications adapted to each discipline and educational course.
- ✓ 50% of time for Practice and labs
- ✓ Double track degree



Weaknesses

- ✓ Lack of demand from the socio-economic world in some courses

Opportunities

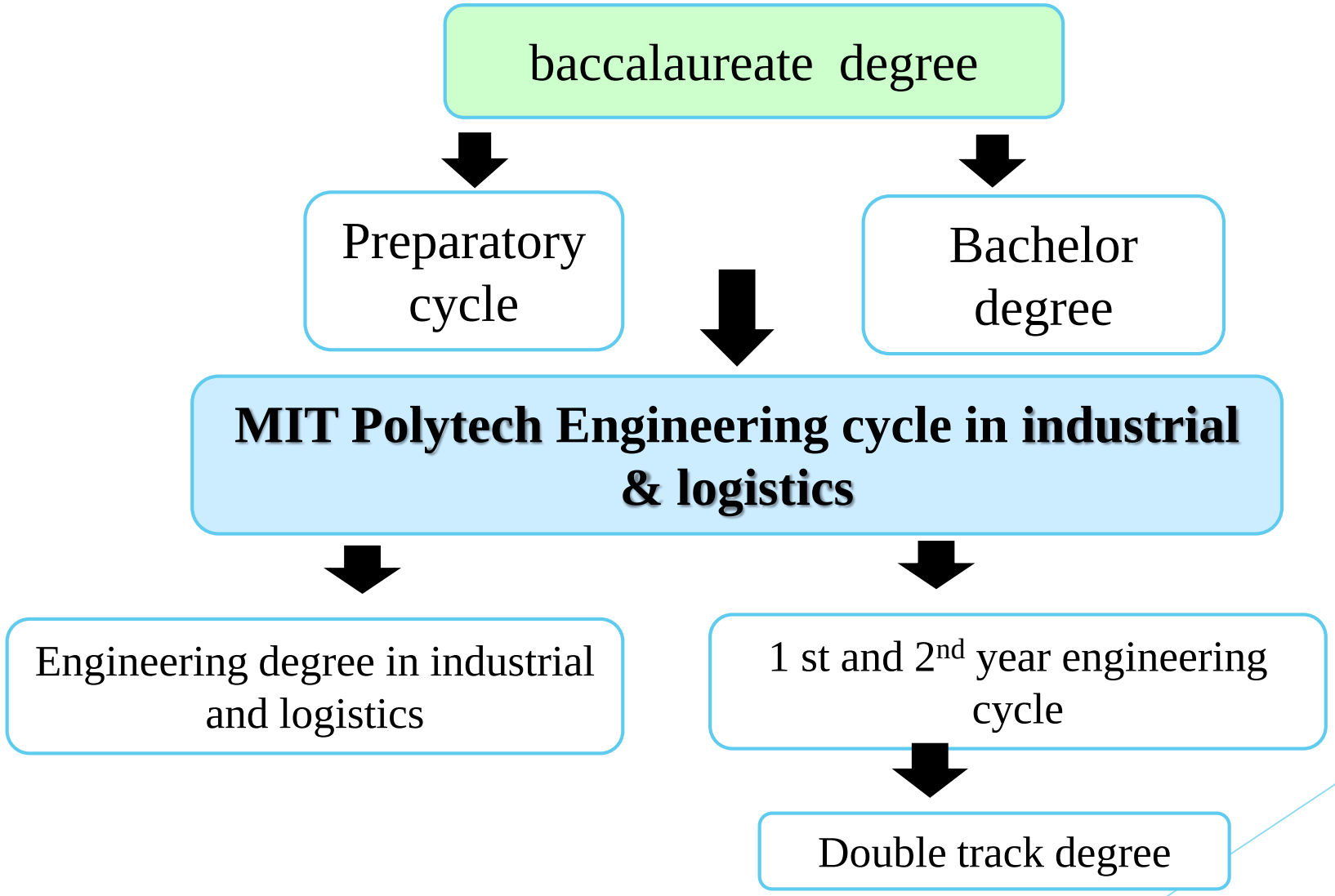
-ISO 9001/21001
-Support from the Ministry of Higher Education – and partners – clusters of competitiveness and excellence
Interesting and pressing economic and social demand

Threats

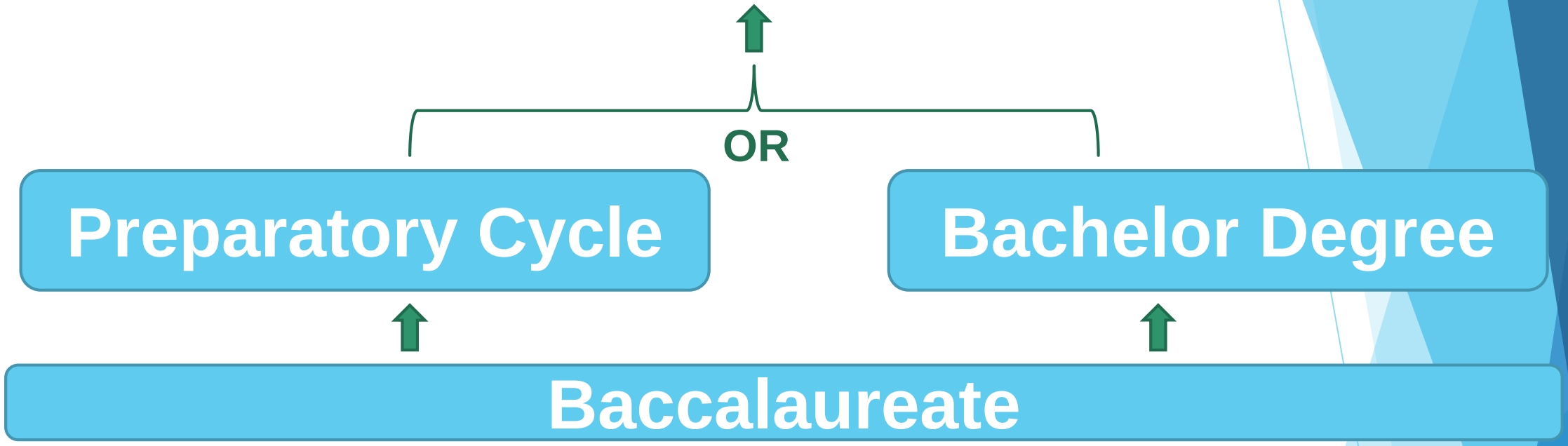
- Pandemic period
- Economic Conditions
- Number of private engineering schools

3.
Admission Requirements

Admission requirements to the MIT Polytech industrial & logistics enginer cycle

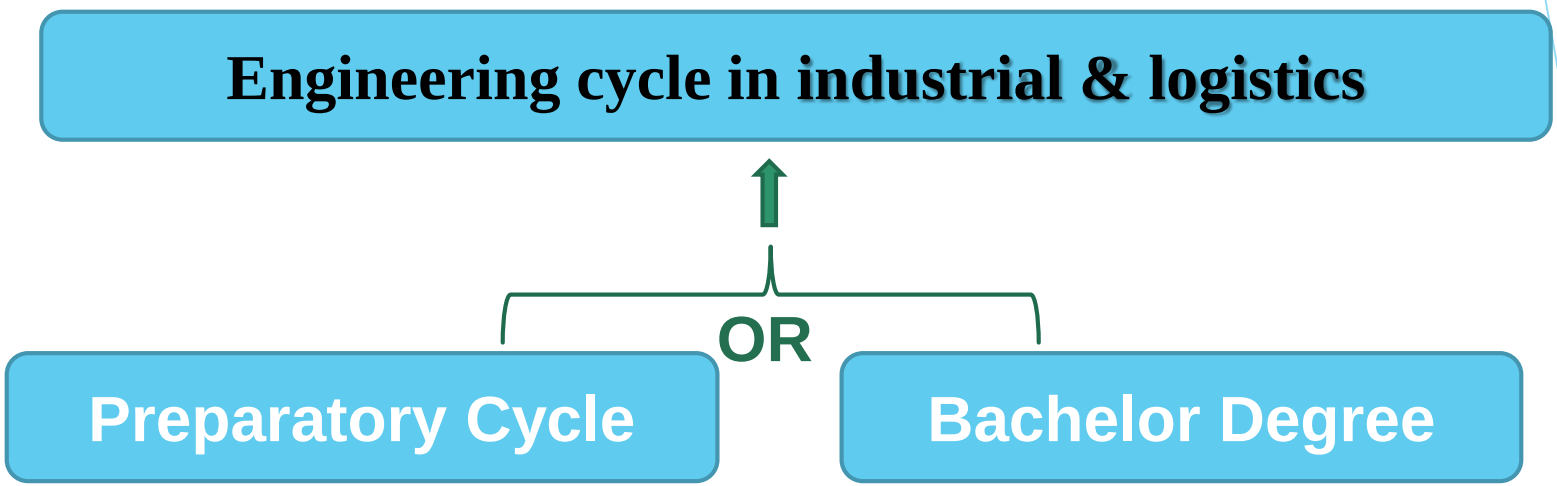


Engineering cycle in industrial & logistics



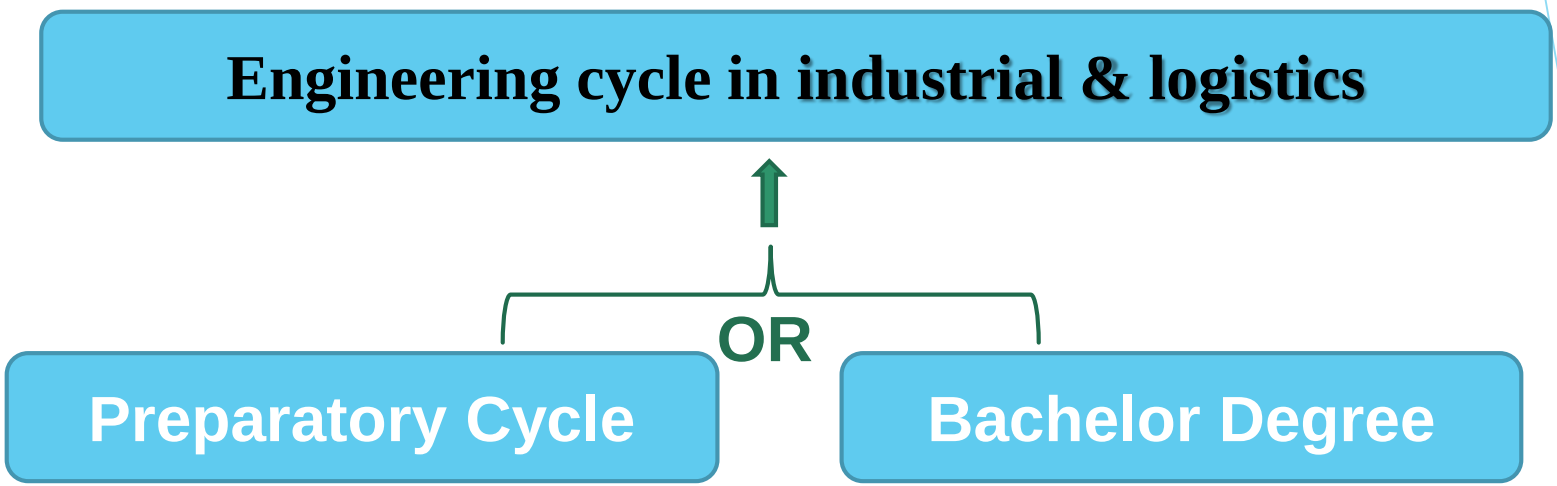
- Those who passed the internal assessment (exam) to access engineering studies. This exam is organized for the students of the second preparatory year.
- Students who passed the national exam of entrance to Engineering Schools.
- Students holding a bachelor degree consistent with the path of the Engineering Cycle.
- Students who succeeded in external exams organized by the General Direction of Technological Studies (MESRS) of the Ministry of Higher Education.

Internal Students at MIT Polytech



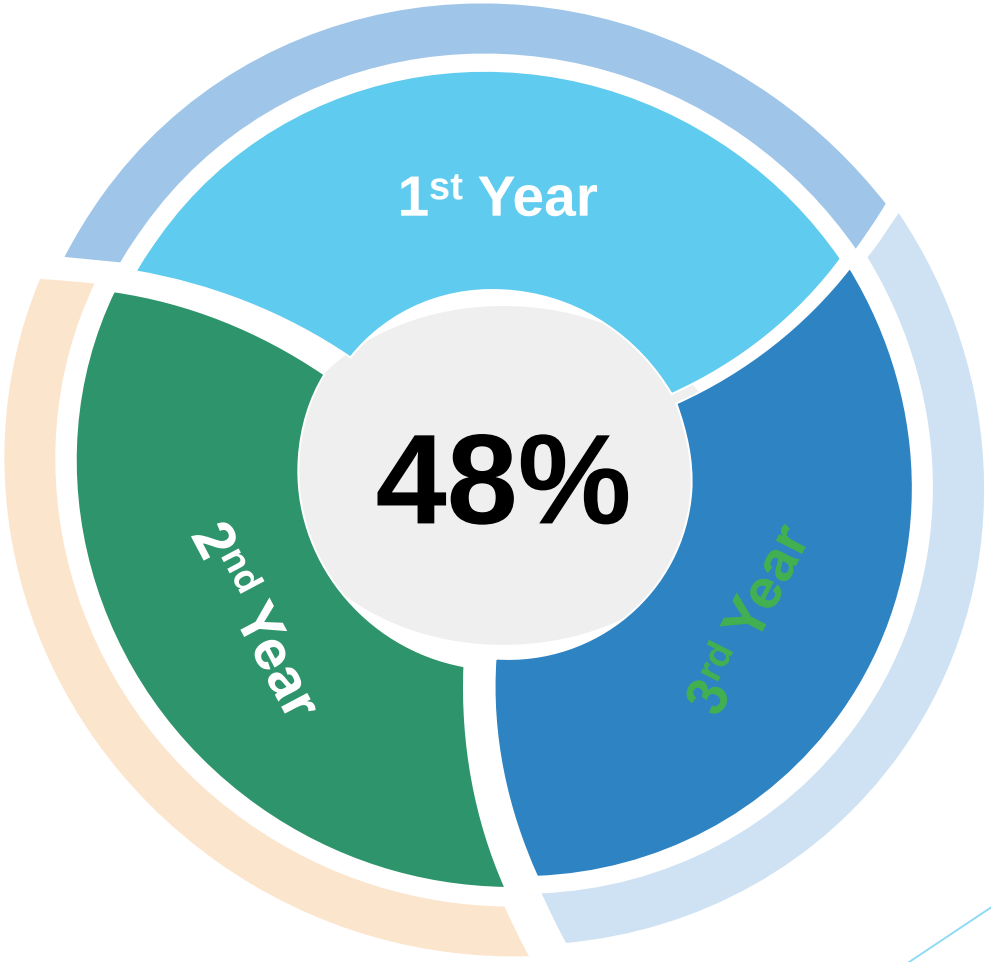
Common Conditions	Specific Conditions for Bachelor Degree Holder
1. Circular of the Ministry of Higher Education	1. Pedagogic Committee 2. Summer School + Upgrade courses

External Students to MIT Polytech



Common Conditions	Specific Conditions for Foreign students from Africa
1. Circular of the Ministry of Higher Education that will be applied only to Tunisian students (the same as for Internal students)	1. Assessment (Exam) : writing and oral interviews 2. Summer School + Upgrade courses 3. Pedagogic committee

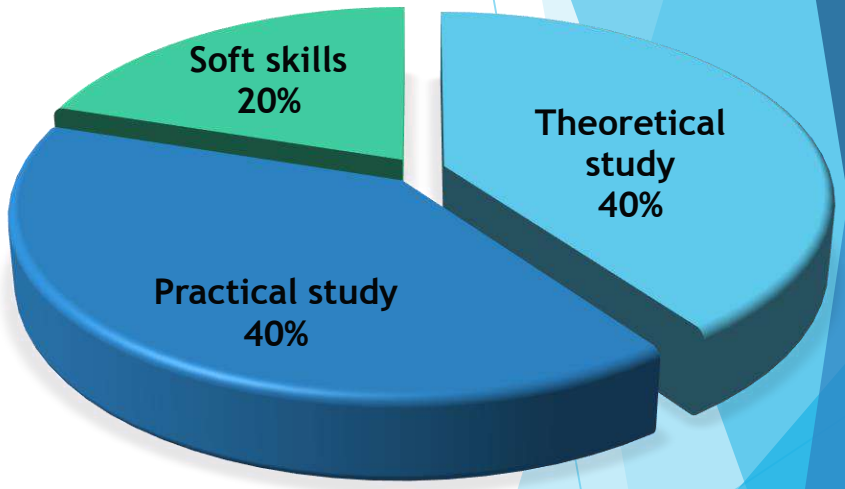
Number % Students in 2021



4.
Duration & Course Structure

Duration

- 3 Years
- Each year is decomposed into two semesters
- Each semester contains five modules
- It decomposed into 450 hours
- Extra home work required from students vary from 250 hours to 400 hours



Course Structure

1st Year	1. Mathematics, Automation and Instrumentation, Computer Systems, Mechanics And manufacturing, Transversal teaching unit 2. Mathematics 2, Automation And Instrumentation, The basics of Logistics Mastery, Design And manufacture
2nd Year	1. Industrial Management, Analysis And simulation of production systems, supply chain, maintenance management, project management and integrated production, legal culture language 2. Tryptic: Quality, Costs and Deadlines, logistics, energy and sustainable development, Man and change, management, managerial performance.
3rd Year	1. Advanced planning in internal/ External logistics, Optimization o industrial systems, Stud Method and logistics engineering, advanced production logistics systems 2. Final project

Training Courses

Methods engineer	Industrialisation and Production Engineer	Maintenance Manager	Logistics and suppley chain Management engineer
Industrial Management	Production management	Maintenance management	Project Management and Integrated Production
Automation and Instrumentation	Industrial regulation	Programmable Industrial Logic Controllers	Supervision of industrial processes
The basics of Logistics Mastery	AMDEC Processes, Machines	Quality Control: 6 SIGMA	Workshops: Hoshin / Poka Yoke
Design and manufacture	Methodology of design	Study of hydraulic and pneumatic systems	Production by digital ordering digital

Our student Clubs

Club Robotics

Club Soft Skills

Where do MIT Engineers work:

- **COFEM**
- **Vermeg Group**
- **Safran**
- **ATS Digital Dev**
- **Startups CEO**
- **ERP Consultant**
- **industrial engineering and building company in burkina faso**

Thanks!

Any questions?

You can find us at:

www.mit.tn

www.mit-polytech.tn

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