ENGINEERING APPRENTICESHIPS

Industry based training benefitting companies.
NEW WORKPLACE ENTRANTS
THE APPRENTICESHIP

The Historical Context

Learn a trade
THE MODERN APPRENTICESHIP

Company

The Trainee

CESI
THE STUDENTS

- ‘A’ Levels + 2 years or Higher National Diploma

Science or Technology

Practical

Theory
ROBUST AND PROFESSIONALISING TRAINING

Academic training:
• Interactive, practical methods and projects
• Scientific fundamentals
• Engineering techniques
• Modern languages
• Humanities
• Social sciences
ROBUST AND PROFESSIONALISING TRAINING 2

Vocational Training

International Work placement

YEAR PLANNER

SCHOOL

B L O C K   R E L E A S E

ÉCOLE D'INGÉNIEURS

CÉSIR

Union européenne République française

PASSEPORT
Articulation of training

The key pedagogical strength lies in the articulation of training between the school and the companies.
1 A TRIPARTITE APPROACH

- Student
- The Apprenticeship
- Personal tutor
- Workplace Tutor
2 THE MISSIONS

- **Technician**

  - **First Year**: A Technical Report
  - **Second Year**: Real-time projects based on problem resolution
  - **Final Year**: Managing and leading ‘junior engineer status’ projects

**ENGINEER**
3 COMPANY VISITS

The Personal Academic Tutor:
- Visits the company once a year
- Check on progress
- Conditions of the working environment
- Relationship between the workplace tutor and the student
- Answers their questions
- Tour of the company
4 FEEDBACK SESSIONS

- 12/15 students
- Share experience
- Difficulties and coping strategies
- Shared learning
5 INDIVIDUAL TRAINING PROJECT

- First year: identification of a professional goal
- Third year: personal skills assessment

I. Skills and competences required

II. The missions accomplished

III. The training courses taken
THE APPRENTICESHIP

Conclusion

- Anticipates needs for skills and competences
- Highly-skilled young engineer
- Low cost
- Immediately operational
- No obligation
- The ideal solution
BENEFITS IS PART-FUNDED BY THE EUROPEAN UNION, VIA THE CHANNEL AREA INTERREG IVA PROGRAMME AND ERDF FUNDS.