

WORK PLACEMENT FOR 4TH YEAR ENGINEERING STUDENTS**Automotive and Transport Engineering**

- Duration:** 16 weeks (approximately 600 hours).
- Dates:** September 1st 2008 to December 19th 2008
- Objective:** To put the student in a position requiring technical responsibility (complete or shared), to carry out a study or project representing approximately 600 hours' work.
- Host companies:** Transport Engineering companies: vehicle or equipment manufacturers in the automobile, rail or aviation sector.
- General subjects:**
- Design
 - Production, organisation, manufacturing
 - Testing

Subject areas:

At the beginning of the placement the students will have had **three** years' academic training. Although they will have proved their adaptability, they will not have had instruction in the different areas which are reserved for the 2nd semester of the 4th year and the 1st semester of the 5th year. These areas include: Finished parts, Vibrations, Acoustics, Aerodynamics, Quality, Maintenance, Comfort, Chassis/Ground contact.

Below are some examples of subject areas:

Technical Office

- mechanical construction project draft
- automating an existing product
- equipping or modifying a new process

Production organisation

- participation in a CAPM project
- flow study
- study of stocks and supplies

Methods

- finding ways to improve productivity
- defining new operating lines
- industrialisation of a new product
- study of tooling requirements

Quality

- participation in quality and on-going improvement projects
- analysis of causes of problems, proposals for procedures

A minimum grade of 12/20 is required for the work placement to be validated.