

CP

ENGINEERING



**Knowledge  
Transfer  
Partnerships**

Knowledge Transfer Partnerships bring together the University of Bath and business to work together on a development project that is strategically important to the Company's future.

KTP projects are delivered by recent graduates who enhance their career prospects by benefiting from business based training and personal and professional development. You will;

- 🌀 Work on a real project to develop and deliver change in an organisation
- 🌀 Earn a graduate salary whilst receiving practical and formal management training and development
- 🌀 Gain valuable experience and marketable, highly transferable skills.

## Development Engineer; Engine Control – CP Engineering Systems Ltd

### The Job

This partnership between CP Engineering and the University of Bath is to develop a new Engine Management Control System (EMaCS) and to design generic control algorithms and tools to allow communication with industry standard control design software (MATLAB/Simulink). The candidate will be working in a company developing state-of-the-art technology in collaboration with a University with a first rate reputation for engine control.

### The Company

CP Engineering designs, manufactures and supplies engine, vehicle and transmission test systems for both production and R & D purposes. The company has been established over 20 years and is based in Malvern

### Candidate Profile

It is essential that the candidate have a good (1<sup>st</sup> or 2.1) honours degree in Mechanical or Electrical Engineering. It would be advantageous for the candidate to have experience in at least one of the following areas; Software Programming (including C++, Visual Basic and/or Matlab / Simulink) and Rapid Controller Prototyping. We would also expect demonstrable ability in electronic control of diesel engines. The candidate must have previous experience of team working and the ability to work and collaborate effectively with colleagues at all levels of an organisation. We would also expect them to be able to provide evidence of the following;

- 🌀 Excellent communication skills.
- 🌀 Self-motivation and the ability to drive a project forward with minimum supervision.
- 🌀 The ability to express ideas clearly and concisely.

Salary Range is £19 – 25,000 pa depending on qualifications and experience and the reward package includes a £3500 personal training and development budget, which includes the opportunity to study for a higher degree.

**The closing date for applications is 3 April 2007.** To apply, please quote **Ref No. 07/105/KHW** and request an application form and job description from the Human Resources Department, University of Bath, Claverton Down, Bath, BA2 7AY (email [jobs@bath.ac.uk](mailto:jobs@bath.ac.uk)). Alternatively, please telephone the 24 hour answer-phone service on 01225 386924, textphone 01225 386039, or apply online at [www.bath.ac.uk/jobs](http://www.bath.ac.uk/jobs). An Equal Opportunities Employer