



**Student:** Nick Bromfield  
University of Sussex  
**Placement:** Amec Foster Wheeler  
**Role:** Modelling Fuel Assemblies in Boiling Water Reactors

*“I have learnt about a new area of physics that I had not previously covered in much detail...”*

### Describe a typical day:

In a typical day I would use the WIMS software to model different fuel assemblies. The data from this software would then be collated into a spreadsheet where it could be compared to data from different sources.

### Why did you decide to do a placement?

Going to university and getting a good degree is important, but even more important than that is being able to show future employers that you have gained skills over your degree that you can use in the workplace.

### Would you recommend doing a placement?

In one word: yes. These placements provide a great introduction to the working world and give you a platform to be able to show employers that you can transfer the skills gained from your degree into the workplace.

### How do you think doing a placement has benefited you for the future?

For a start it has given me something to put on my CV! I have learnt about a new area of physics that I had not previously covered in much detail and it has also given me the experience of putting the transferable skills from my degree into practice.

### What are your next steps?

Return to university for my final year and start to look out for jobs in the autumn. I plan to apply for a programming positions using C++ or another OOP language.

### Employer perspective:

Contributions from students in the scheme enable us to undertake projects that we might not otherwise have the time to consider. The scheme also helps to improve the awareness of Amec Foster Wheeler among graduates potentially seeking employment in this sector.