Chemical Process Engineering Research Project (CENG0057)

**Description**

**Aims:**
To develop advanced skills in undertaking an individual research project including: critical literature survey, design of experiments, collection of data, analysis and presentation of results, conclusions and recommendations in a clear a concise manner at a level equivalent to published papers.

**Learning Outcomes:**
On completion of this course students are expected to:

- be aware of advanced research methods including if applicable the use of relevant engineering/mathematical software;
- be able to demonstrate independent thought and critical analysis of research results;
- have developed skills for presentation of their results in the research report in a clear and concise manner worthy of publication;
- present the research findings orally at a standard similar to that expected for presentations at national and international conferences.

**Synopsis:**
An individual research project working under the supervision of a member of the academic staff of the department. Topics are usually selected from aspects of a continuing research speciality of the department. Each student normally undertakes a literature survey, experimental work, modelling, discussion and analysis of data followed by conclusions and recommendations for future work presented in the form of a thesis and oral presentation.

**Key information**

- **Year:** 2019/20
- **Credit value:** 60 (600 study hours)
- **Delivery:** PGT L7, Campus-based
- **Reading List:** View on UCL website
- **Tutor:** Dr Sergey Martynov
- **Term:** Academic year (terms 1, 2, and 3)
- **Timetable:** View on UCL website

**Assessment**

- Coursework: 75%
- Oral Presentation: 20%
- Oral examination (departmentally managed): 5%

**Find out more**

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