
The Accreditation Submission (2009 version)

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- What you need to read
 - What is required of the submission document
 - What we look for

What you need to read (1)

JBM downloads – see www.jbm.org.uk

- “Accreditation Process” – 2009 version
- Degree Guidelines – MEng, BEng(Hons), IEng
- Degree Guidelines – design, sustainability, health & safety, industrial placements, professionalism
- Other – output standards, entry levels, cohort analysis, threads diagrams

What you need to read (2)

UK-SPEC – see www.engc.org.uk for 2008 version

- Accreditation of HE Programmes
- Standard – EngTech, IEng and CEng
- Guidance note

QAA Engineering Benchmark Statement, 2006 – see www.qaa.ac.uk

What is required?

A clear concise document that

- satisfies the requirements of the Accreditation Process document
- highlights good practice in the department
- highlights special/unique features of the programme(s)

Accreditation Submission

See Section 3 of Accreditation Process document,
i.e. pp11-16

Submission contains 14 Sections, up to 7
Appendices and 12 sets of electronic data on CD;

- generic information
- programme information
- other supporting information

Use the section, heading, sub-heading and
numbering system of the Accreditation Process
document

What we look for (1)

- How any concerns/ recommendations from previous visit have been addressed
- Programmes seeking accreditation and level
 - explain common teaching across the programmes

What we look for (2)

Aims and Objectives

- Programme specific Learning Outcomes are better than generic UK-SPEC ones
- need to distinguish between different programme levels, e.g. distinct LOs for MEng and BEng
- need to distinguish between different modes of study, e.g. F-T or P-T

Example of UK-SPEC LOs

Knowledge and Understanding

- *Graduates must be able to demonstrate their knowledge and understanding of essential facts, concepts, theories and principles of their engineering discipline, and its underpinning science and mathematics.*
- *They must have an appreciation of the wider multidisciplinary engineering context and its underlying principles.*
- *They must appreciate the social, environmental, ethical, economic and commercial considerations affecting the exercise of their engineering judgment.*

Example Programme Specific LOs

Knowledge and understanding of

1. Relevant mathematics, science and engineering principles in the field of structures, geotechnics, water engineering and surveying
2. The properties, behaviour, fabrication and use of relevant materials
3. Construction technology and civil engineering practice
4. The management of projects through planning, finance, contract procedures and quality systems
5. Principles of design specific to civil engineering
6. The role of codes of practice and the regulatory framework in design and practice
7. The principles, importance and management of relevant information technology
8. The role of the professional engineer in society, including health, safety and environmental issues
9. Team roles, team-working skills and leadership skills
10. Relevant research methods
11. Civil engineering education, design and practice in a European context (Socrates option in Part D)

What we look for (3)

Threads and Subject matrices

- subject matrix for each programme
- threads matrix for the themes of design, H&S, sustainability

Diagrams should show development of subjects throughout each programme

What we look for (4)

Output Standards Statements should show development of subjects and assessment throughout each programme

What we look for (5)

For each programme submitted

- Entry standards– see Annex A
- Student numbers
- Progression and transfer regulations
- Degrees awarded

Check that all statistics are correct and easy to understand

What we look for (6)

- Projects that are challenging for each level
- Active industrial advisory boards and industry involvement
- Exam papers with open-ended questions at higher levels
- Greater use of lab, fieldwork and design work in projects

What we look for (7)

Appendix material

- Teaching Staff
- Undergraduate and Integrated Masters Curriculum
- MSc Curriculum
- Subject and Threads Matrices
- Entry to IEng, BEng (Hons), MEng and MSc Programmes
- Entry to MSc Programmes
- Programme Completion Rates
- Output Standards Matrix for each Programme

What we look for (8)

Electronic material on CD

- Programme Specifications
- External Examiners Reports
- QAA Institutional Audit Review
- Internal Programme Review Reports
- Staff Student Liaison Committee minutes
- Syllabi
- Examination Papers and Solutions
- Student Project Handbook
- Project List
- Industrial Advisory Board and Minutes
- Research and Consultancy
- Papers Published



Any questions?

