

Proceedings
Enhancement of the Global Perspective for
Engineering Students by Providing an
International Experience

Engineering Conferences International

Year 2003

International Accreditation Activities

Alfredo Soeiro
University of Porto

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Alfredo Soeiro

Pro-Rector University of Porto

Co-Chair of A2 in E4

**Enhancement of the Global
Perspective for Engineering Students by
Providing an International Experience**

6-11 April 2003

Tomar, Portugal

Accreditation of Informal and Prior Learning (AIPL) in Engineering

Relatively new area

Experiential learning

Credited towards a qualification

Recognised accreditation framework

Identification of learning

Wherever and whenever

Outcome or progression route

Accreditation of Informal and Prior Learning (AIPL) in Engineering (cont.)

Validity of learning

Matching learning outcomes

Accreditation or progression framework

Assessment of evidence

Acceptance of claimed competence

Accreditation of Informal and Prior Learning (AIPL) in Engineering (cont.)

Performance evidence

Knowledge evidence

Framework system

Formal partial or total recognition

Degree or professional recognition

Historical evidence

Other proofs of learning

Accreditation of Informal and Prior Learning (AIPPL) in Engineering (cont.)

**Authenticity, directness, breadth
and currency**

**Clear learning outcomes, levels and
progression**

Accreditation boards

Portfolio presentation

Examinations

Accreditation of Distance Learning

Mode of delivery of lifelong learning

Learning outcomes

Workload

Credit accumulation frameworks

Outdated qualifications/credits

Professional practice

Accreditation of Distance Learning (cont.)

**Credit accumulation system for engineering
Similar to ECTS (European Credit Transfer System)**

Credit-based, modular ODL programmes

Qualifications tailored to job functions

Courses from best sources

In-company training

Labor market

Professional accreditation

Transfer of Accredited Engineering LLL

Mobility for engineers

Professional recognition

**Washington, Sydney, European Mobility Forum and
the World Federation of Engineering**

Organizations (WFEO) meeting in Mar01 in Paris

Professional qualifications for initial degrees

Bilateral or multilateral agreements

Common reference

Recording system

Transfer of Accredited Engineering LLL (cont.)

Reference system

**IACEE (International Association of
Continuing Engineering Education)**

Worldwide basis

Credit unit measurements

Formal/informal training

Participation in engineering events

Publications

Work based learning

Projects

Transfer of Accredited Engineering LLL (cont.)

Records of LLL achievements

Diploma Supplement

Nature

Level

Content

Context

Status of individual qualifications

Facilitate recognition

Transfer of Accredited Engineering LLL (cont.)

EuroRecord

Supported by a software tool

Guidance material and facilitation

Recognition of learning

Formal training

Work-based learning

Experience

Up-to-date CV

Competences and professional strengths

Transfer of Accredited Engineering LLL (cont.)

Europass

Finland

Passport

System for recording work-based periods

Used in several countries abroad

Credit-based system

Transparency