Proceedings

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

Engineering Conferences International Year 2003

International Accreditation Activities

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International Accreditation Activities

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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 (AIPL) 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Outdated qualifications/credits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