

# UK SPEC and the **RAPiD** Progress File:

## A Tool for Academic, Personal and Professional Development in Engineering

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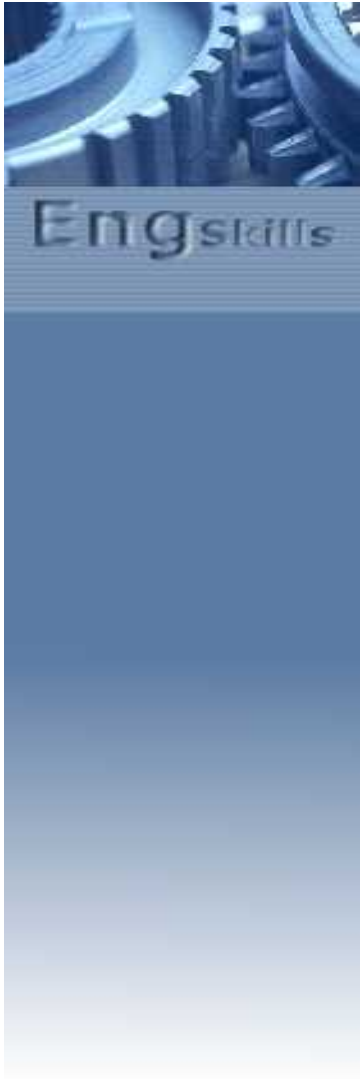


ICEE October 16-21, 2004



# Overview

- Introduction
- Engineering Competences and UK-SPEC
- The RAPID Progress File
- RAPID and UK-SPEC
- Conclusion



# Introduction

- **Background**
- **Aim**
  - Methodology
  - RAPID
  - UK-SPEC

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# Engineering Competences and UK-SPEC

- More flexible and transparent registration procedure
- Two separate documents: CEng/IEng and EngTech
- Competence-based assessment and Output Standards Framework
- No reduction in the levels of competence
- Fewer competence substatements

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# UK-SPEC vs SARTOR 3

- CEng and IEng
  - Emphasis on personal and social skills
  - Emphasis on sustainable development
- Eng Tech
  - Inclusion of/emphasis on (practical and technical) skills
  - Increased emphasis on effective communication and interpersonal skills
  - Emphasis on involvement with own licensed institution



# **RAPiD** Progress File

- **Web - based Personal and Professional Development Planning (PDP) Tool**
  - Recording
  - Academic,
  - Professional and
  - Individual
  - Development

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## Development and Implementation

- **1998 – 2000 / 2000 – 2003**
  - January 2003 – Dec 2004
- **ESF funding ( 2003-04)**
- **3000 + students**
- **14 HE Institutions**
- **8 Versions**
  - plus a UK-SPEC compliant generic Engineering version.

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# Benefits of using **RAPiD**

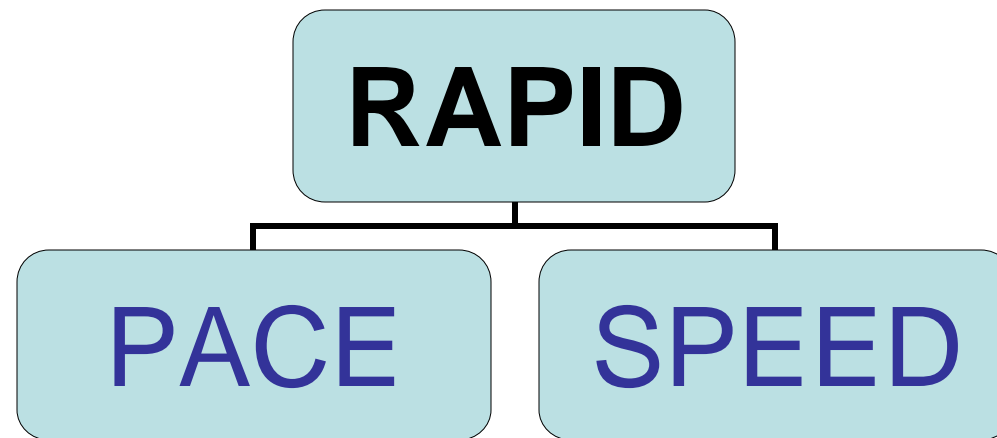
- Comprehensive Record of Achievement
- Framework to audit, record, monitor skills/competences
- A set of personal attributes, and Skills (Key, Personal and Professional and Technical)
- A means to determine skill gaps and make action plans
- An online, web-based tool
- A means to ease transition from study to lifelong professional development
- Personal awareness
- CV / Application Forms / Interviews
- Access to Online Skills Resources
- Minimal time commitment
- Online help

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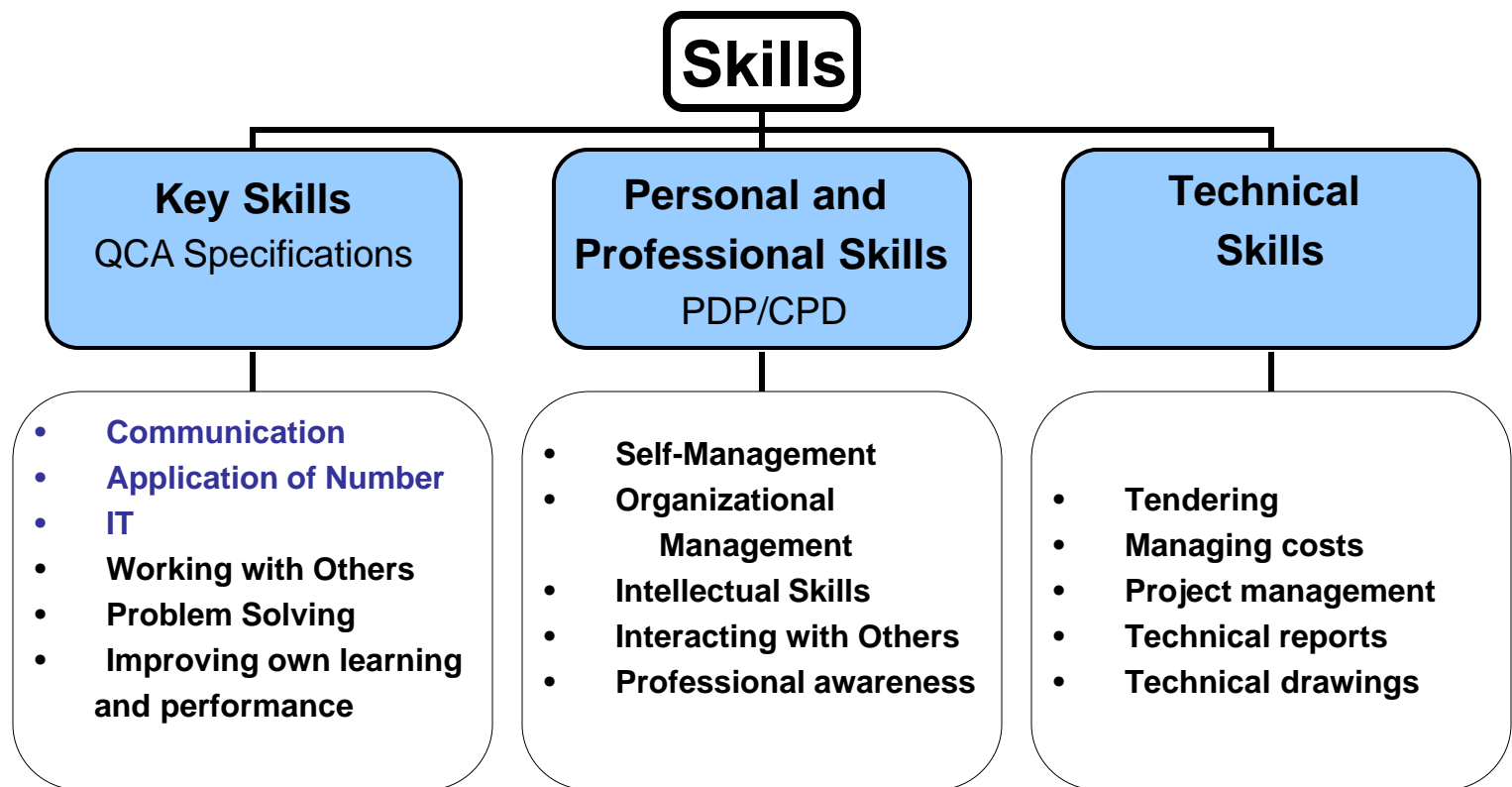


# The Structure of **RAPiD**





# Types of Skills in **RAPiD**





# COMPETENCE LEVELS

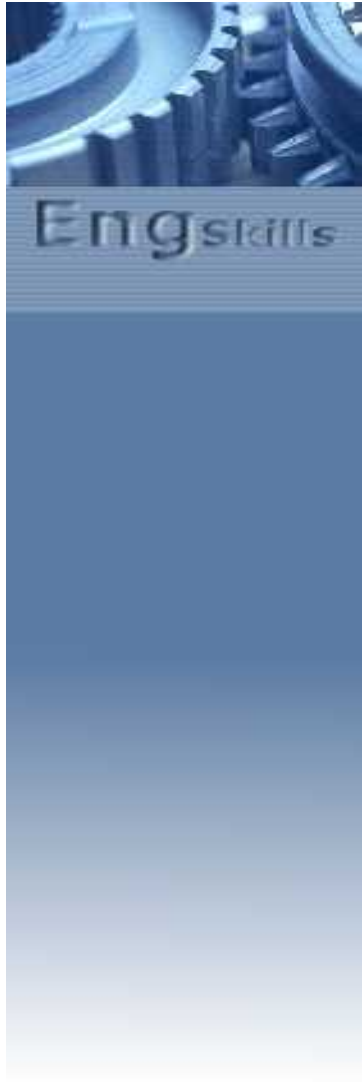
<b>Statement of competence</b>	<b>Corresponding NVQ/GNVQ level</b>
<b>Statement A</b> <i>Trainee</i>	<b>Level 2</b>
<b>Statement B</b> <i>Supervised Practitioner</i>	<b>Level 3</b>
<b>Statement C</b> <i>Practitioner</i>	<b>Threshold levels 3/4</b>
<b>Statement D</b> <i>Expert</i>	<b>Threshold levels 4/5</b>

[illegible]



# Conclusion

- Complete coverage of UK-SPEC competences in RAPID
- RAPID for skills audit/development/monitoring: company requirements & professional registration
- RAPID eases transition from undergraduate study to a lifelong PD
- Visit
  - <http://engskills.lboro.ac.uk/abe/>
  - <http://rapidprojects.lboro.ac.uk>
  - <http://rapid.lboro.ac.uk>



# Any Questions?

