

Mapping of ICE Development Objectives to ICE Attributes

This is a guide to help you transfer your Initial Professional Development (IPD) records from the old development objectives (DO) system to the current attribute-based system. The mapping should help you to link experience recorded against DOs to the right attribute. There is no direct mapping to attribute 4, Independent Judgement and responsibility, because a wide range of different experience might help you to demonstrate this attribute.

| Attribute no | Attribute Description | DO no | Development Objective Description |
|--------------|--|-------|--|
| 1 | Knowledge and understanding of engineering | A1 | Broaden and deepen your engineering knowledge |
| 2 | Technical and practical application of engineering | B1 | Identify engineering problems and define possible solutions |
| | | B2 | Conduct appropriate research and analysis relating to engineering problems |
| | | B3 | Implement solutions to problems and evaluate their effectiveness |
| 3 | Management and leadership | C1 | Plan for effective project implementation |
| | | C2 | Control budgets, tasks, people and resources |
| | | C3 | Develop people to meet changing technical and managerial needs |
| | | C4 | Bring about continuous improvement through quality management |
| 4 | Independent judgement and responsibility | all | |
| 5 | Commercial Ability | C1 | Plan for effective project implementation |
| | | C2 | Control budgets, tasks, people and resources |
| | | C3 | Develop people to meet changing technical and managerial needs |
| | | C5 | Manage contractual issues |
| 6 | Health, safety and welfare | B3 | Implement solutions to problems and evaluate their effectiveness |
| | | E2 | Manage and apply safe systems of work |
| 7 | Sustainable development | E3 | Contribute to sustainable development through engineering activities |
| 8 | Interpersonal Skills and Communication | D1 | Communicate with others at all levels |
| | | D2 | Demonstrate personal and social skills |
| 9 | Professional Commitment | E1 | Comply with relevant codes of conduct |
| | | E4 | Manage your own continuing professional development, and assist others |