|  |  |
| --- | --- |
|  | **Academic Criteria** |
| **A** | **Demonstrate knowledge and understanding of Transition EngineeringUse knowledge and understanding to optimise the application of existing and emerging technology for the purpose of transition engineering.** |
| **1** | Have an underpinning knowledge and understanding of Transition Engineering principlesMaintain and extend a sound theoretical approach in enabling the introduction and exploitation of new and advancing technologies, systems philosophies and long term strategies |
| **2** | Engage in the creative and innovative development of transition engineering technology and continuous improvement systems.Apply that knowledge and principles in pursuit of TE |
|  | **Practical Criteria** |
| **B** | **Demonstrate problem solving and analytical approach to TE.Apply appropriate theoretical and practical transition engineering methods to the analysis and solution of TE related problems.** |
| **1** | Analyse and evaluate existing and future problems from an TE perspective. |
| **2** | Conduct appropriate research applicable to transitioneers own field of expertise and undertake design and development of transition engineering solutions. |
| **3** | Manage implementation of TE design solutions and evaluate their effectiveness.Use evaluation techniques to demonstrate compliance with the specification, improvements from original installation, further avenues for improvements |
|  | **Leadership Criteria** |
| **C** | **Demonstrate technical and commercial leadership.Leading the Transition Engineering project definitions and management** |
| **1** | Plan for effective project implementation.This could include an ability to systematically review the factors and risks affecting the project implementation including safety and sustainability considerations and/or define a holistic and systematic approach to risk identification, assessment and management |
| **2** | Plan, budget, organise, direct and control tasks, people and resources. This could include setting up appropriate TE management systems, defining quality standards, project programme and budget within legal and statutory requirements.Could also include organising and leading teams, coordinating project activities, identifying variations from standards and the associated corrective action, gathering feedback and recommending improvements. |
| **3** | Leading teams and developing staff to meet the challenges of transition engineering and evolving technical and managerial requirements  |
| **4** | Demonstrate continuous improvements through monitoring, assessment, quality programmes and change management using the TE steps. |

|  |  |
| --- | --- |
|  | **Communication Criteria** |
| **D** | **Demonstrate effective interpersonal skillsParticipate in the dissemination of knowledge of Transition Engineering** |
| **1** | Communicate confidently in writing and verbally in clear and unambiguous terms about the TE steps and related activities. This should be undertaken with confidence, autonomously and competently |
| **2** | Show the ability to liaise with, negotiate with, handle conflict and advise others, in individual and/or group environments (either as a leader or member). |
| **3** | Promote behavioural and cultural change by influencing othersEncourage others to promote and advance a TE approach by understanding their responsibility for societal change |
| **4** | Promote a strategic approach to TE |
|  | **Personal Criteria** |
| **E** | **Personal commitment to professional standards, recognising obligations to society, the TE profession and the environment** |
| **1** | Comply with relevant codes of conduct and practice. |
| **2** | Ensure that TE activities comply with safe systems of work and protect people, property, fauna, flora and the wider environment |
| **3** | Demonstrate an understanding of environmental ethical dilemmas. |
| **4** | Take responsibility for personal professional development and records plans and achievement in TE related activities.. Work towards securing tangible change and improvements for a fossil free future |
| **5** | Demonstrate an understanding of environmental ethical dilemmas and exercise responsibilities in an ethical manner. |