



UNIVERSITY OF CAPE TOWN
Department of Electrical Engineering
EEE4022F/S - Final Year Project
Graduate Attribute Tracking Form

Student name: Kamryn Norton
Student no: NRTKAM001
Date: 2 October 2023

DP Awarded? [Y/N] _____
Supervisor name: Dr Paul Amayo
Date: _____

Student signature: _____

Supervisor signature: _____

GA 1: Problem Solving

Student Response:

Supervisor Response:

GA 6: Professional and Technical Communication

Student Response:

Supervisor Response:

GA 4: Investigations, Experiments, and Data Analysis

Student Response:

Supervisor Response:

GA 8: Individual Working

Student Response:

Supervisor Response:

GA 9: Independent Learning Ability

Student Response:

Supervisor Response:

Instructions:

Students must explain in this document what they **have already done** and what they **plan to do** to satisfy each Graduate Attribute. Descriptions of each GA is provided below. Supervisors may then respond to the student's plans and current progress, providing additional comments or advice as they see fit. If the student's progress is sufficient, they may indicate that DP is awarded.

GA 1: Problem Solving

Identify, formulate, analyse and solve complex engineering problems creatively and innovatively.

GA 4: Investigations, Experiments and Data Analysis

Demonstrate competence to plan and conduct investigations and experiments. The balance of investigation and experiment should be appropriate to the discipline. Research methodology to be applied in research or investigation where the student engages with selected knowledge in the research literature of the discipline. Note: An investigation differs from a design in that the objective is to produce knowledge and understanding of a phenomenon and a recommended course of action rather than specifying how an artefact could be produced.

GA 6: Professional and Technical Communication

Demonstrate competence to communicate effectively, both orally and in writing, with engineering audiences and the community at large. This course evaluates the long report component of this outcome at exit level. Material to be communicated is in an academic or simulated professional context. Audiences range from engineering peers, management and lay persons, using appropriate academic or professional discourse. Written reports (10 000 to 15 000 words plus tables, diagrams and appendices) should cover material at exit-level. Methods of providing information include the conventional methods of the discipline, for example engineering drawings, as well as subject-specific methods.

GA 8: Individual, Team and Multidisciplinary Working

Demonstrate competence to work effectively as an individual, in teams and in multidisciplinary environments. This course evaluates the **individual** working component of this learning outcome at exit level.

GA 9: Independent Learning Ability

Demonstrate competence to engage in independent learning through well developed learning skills. Operate independently in complex, ill-defined contexts requiring personal responsibility and initiative, accurately self-evaluate and take responsibility for learning requirements; be aware of social and ethical implications of applying knowledge in particular contexts.