

TL7009

Research Methodologies for Transport & Logistics



Course Aim To coach students through the processes and methods necessary to design, formulate, plan and manage a research project ethically in transport and logistics management

Short Title Research Methodologies

Faculty Business

Credits 15

Pre-requisites 45 credits at level 6 (or BPQF level 5 or a combination thereof) (courses from the BILM PAD only) + 15 credits of English (or equivalent)

Co-requisites Nil

Anti-requisites

Version 2

Effective From February 1, 2017

Indicative NQF Level 7

Student Contact hrs 56

Self-directed hrs 94

Other directed hrs 0

Total learning hrs 150

Learning

Outcomes

On successful completion of this course, students will be able to:

- 1 Evaluate research strategies employed in the field of Transport and Logistics Management
- 2 Demonstrate a critical understanding of the range of techniques available to formulate, design and conduct ethical research in the field of Transport and Logistics
- 3 Plan research in a Transport and Logistics context that incorporates project management and scheduling techniques

NQF Sub-strand

Practical
Application of
knowledge
Theoretical
Understanding

Generic, Problem
Solving and
Analytical Skills

Topics / Content **Knowing:**

Attain an understanding of the nature of research and the research process along with working knowledge of research approaches and strategies as well as concepts of research ethics and credibility. Key topics include: Business and Management Research / Research Approaches (research strategy, multi-methods, credibility and ethics) / Sampling and Data Types (selecting samples, collecting primary and secondary data, analyzing quantitative and qualitative data) / Work-Based Project Management (key steps in project management, project life cycle, project budgeting) / Work-Based Project Scheduling Techniques (Gantt chart, critical path scheduling, time estimation) / Research and Project Presentation (writing formats)

Doing:

Able to design and plan research in order to solve practical transport and logistics related problems with appropriate research methods, sampling techniques, data analysis approaches and scheduling techniques.

Being:

Equip students with the ability of making sound managerial decisions by applying research techniques in the transport and logistics industry.