

PROJECT TURN THE TITANIC

FACILITATOR OF LEARNING BOOTCAMP 25

JULY 21-25 2025 THE EDWARD, DURBAN

CURRENT CONDITION

There are very few, if any, instructors in construction programs at South African universities who have the knowledge and/or experience of 'teaching' using a constructivist student-centered and student-driven pedagogy because they are typically schooled in and familiar with the

positivist 'sage on the stage' lecturer-centered and driven approaches

There are consequently also very few, if any, students in these programs who have experienced being taught using this approach where the emphasis is on 'learning by doing'.

THE FACILITATORS OF LEARNING BOOTCAMP 25

This bootcamp seeks to build capacity by providing you with the skills needed to navigate this alternative approach to current instructional practices.

A few aspects that will be covered and their approaches formulated:

- The relationships between the profiles of both students and instructors and the paradigm shift to the IBL/SBL/PBL pedagogy,
- Effectiveness and impact of the use of 'learning by doing'
- Development of metrics to measure effective learning as opposed to teaching
- Impact of the paradigm shift on levelling the playing fields in terms of academic performance and success of students
- Impacts of the iterative 'propose, critique, reflect, propose' cycle,
- Measuring the outcomes in terms of problem solving, communication, collaboration and related skills,

OUTCOMES AND EXPECTATIONS

The bootcamp will again be run by experienced facilitators to train you to become facilitators of learning equipped to use constructivist and active learning techniques in your classrooms including developing appropriate student learning outcomes (SLOs).

This bootcamp is designed to enable you to develop the module/subject that you intend to deliver in 2025/6. To achieve this objective, you will use your current syllabus, subject/course outline and requirements for accreditation.



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JULY 21-25 2025 THE EDWARD, DURBAN

DAY 1 NIICHE BOOTCAMP - MONDAY JULY 21 2025

TIME	ACTIVITY	PRESENTER
09:00 - 09:30	REGISTRATION	
09:30 - 10:00	Welcome and Introductions	ALL
10:00 - 11:00	Review and Discussion of 2024 Bootcamp and its findings	TH / CL
11:00 - 11:30	MORNING TEA	
11:30 - 12:30	EXERCISE 1: Review of existing current syllabus, subject/ course outline and requirements for accreditation	TH / CL
12:30 - 13:30	LUNCH	
13:30 - 15:00	EXERCISE 2: Identify SLOs and strategies to achieve them	TH / CL
15:00 - 15:30	AFTERNOON TEA	
15:30 - 16:00	EXERCISE 3: Presentations and Discussion	ALL
16:00 - 16:30	REVIEW OF DAY	
18:30 -	DINNER	

NOTES :

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JULY 21-25 2025 THE EDWARD, DURBAN

DAY 2 NIICHE BOOTCAMP - TUESDAY JULY 22 2025

TIME	ACTIVITY	PRESENTER
07:00 - 09:00	BREAKFAST	
09:00 - 09:30	RECAP OF DAY 1	ALL
09:30 - 11:30	EXERCISE 4: Developing an appropriate problem with SLOs	
11:30 - 12:00	MORNING TEA	
12:00 - 13:00	EXERCISE 5: Presentations and discussion	ALL
13:00 - 14:00	LUNCH	
14:00 - 15:00	EXERCISE 6: Presentations and discussion	ALL
15:00 - 15:30	AFTERNOON TEA	
15:30 - 16:30	EXERCISE 7: Refining the problem	ALL
16:30 - 17:00	REVIEW OF DAY 2	
18:30 -	DINNER	

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JULY 21-25 2025 THE EDWARD, DURBAN

DAY 3 NIICHE BOOTCAMP - WEDNESDAY JULY 23 2025

TIME	ACTIVITY	PRESENTER
07:00 - 09:00	BREAKFAST	
09:00 - 09:30	RECAP OF DAY 2	ALL
09:30 - 11:30	EXERCISE 8: Discussion and presentation of refined problem	TH / CL
11:30 - 12:00	MORNING TEA	
12:00 - 13:00	EXERCISE 9: Develop assessment strategies to measure student learning and success using a problem	TH / CL
13:00 - 14:00	LUNCH	
14:00 - 15:00	EXERCISE 10: Discussion and presentation of assessment strategies	ALL
15:00 - 15:30	AFTERNOON TEA	
15:30 - 17:00	EXERCISE 11: Discussion and presentation of assessment strategies	ALL
17:00 - 17:15	REVIEW OF DAY 3	
18:30 -	DINNER	

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JULY 21-25 2025 THE EDWARD, DURBAN

DAY 4 NIICHE BOOTCAMP - THURSDAY JULY 24 2025

TIME	ACTIVITY	PRESENTER
07:00 - 09:00	BREAKFAST	
09:00 - 09:30	RECAP OF DAY 3	ALL
09:30 - 11:30	EXERCISE 12: Where to find resources	
09:30 - 11:30	EXERCISE 13: What to do - What not to do (Role Definition)	
11:30 - 12:00	MORNING TEA	
12:00 - 13:00	EXERCISE 9: Develop assessment strategies to measure student learning and success using a problem	TH / CL
13:00 - 14:00	LUNCH	
14:00 - 15:00	EXERCISE 10: Discussion and presentation of assessment strategies	ALL
15:00 - 15:30	AFTERNOON TEA	
15:30 - 17:00	EXERCISE 11: Discussion and presentation of assessment strategies	ALL
17:00 - 17:15	REVIEW OF DAY 3	
18:30 -	DINNER	

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JULY 21-25 2025 THE EDWARD, DURBAN

DAY 4 NIICHE BOOTCAMP - THURSDAY JULY 24 2025

TIME	ACTIVITY	PRESENTER
07:00 - 09:00	BREAKFAST	
09:00 - 09:30	RECAP OF DAY 3	
09:30 - 10:30	EXERCISE 12: Where to find resources	ALL
10:30 - 11:30	EXERCISE 13: What to do - What not to do (Role Definition)	
11:00 - 11:30	MORNING TEA	
11:30 - 13:00	EXERCISE 14: Developing scaffolding to improve learning outcomes	ALL
13:00 - 14:00	LUNCH	
14:00 - 16:00	EXERCISE 15: Deliver the problem designed in a IBL/PBL/ SBL setting to peers	ALL
16:00 - 16:30	AFTERNOON TEA	
16:30 - 17:00	EXERCISE 16: Deliver the problem designed in a IBL/PBL/ SBL setting to peers	ALL
17:00 - 17:30	REVIEW OF DAY 4	
18:30 -	DINNER	

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