

# INSTITUTIONAL RESOURCES THAT PROMOTE SELF-DIRECTED LEARNING AT A UNIVERSITY OF TECHNOLOGY IN DURBAN

*by*

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# Conceptual clarification

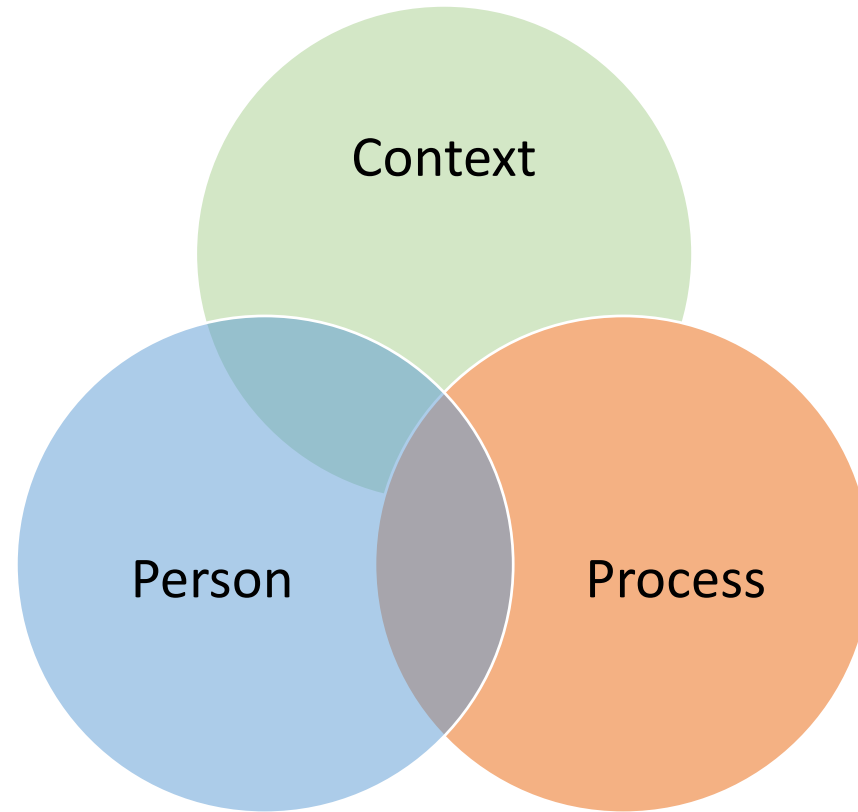
Self-directed learning involves students who identify their learning needs, learning outcomes, learning resources, learning strategies and conduct self-assessment, with minimal lecturer involvement (Knowles, 1975)



# Problem

- Students seemed to lack self-directed learning and relied on lecturers for learning.
- Students were probably underutilising institutional resources like Blackboard and counselling unit, to support learning.

# Person, Process, Context model (Brockett and Hiemstra, 2012:158)



# Hypothesis

- $H_0$  There is no association between self-directed learning and institutional resources.
- $H_1$  There is an association between self-directed learning and institutional resources.



Source: [dut.ac.za](http://dut.ac.za)

# Data collection and analysis

Instrument	(N)	(n)	Analysis	<i>H</i>
Questionnaire	1588	232	Factor; crosstabs; descriptive; correlation( <i>r</i> ); Chi-square ( $\chi^2$ )	Null hypothesis( <i>H</i> <sub>0</sub> ) sustained.



# Self-directed learning results

STATEMENT	AGREE
I can maintain self-motivation during learning.	78%
I can identify my learning strengths and weaknesses.	84%
I can decide on my own learning strategy.	81%

# Institutional resources results

STATEMENT	AGREE	DISAGREE
My institution's online classroom helps me learn on my own.	74 %	
At my institution, I can access financial support that helps me learn.	73%	
My institution cannot provide emotional support I need.		54%

# Findings

- Many students were intrinsically motivated and could identify their learning needs, as well as learning strategies.
- Most students were satisfied with financial aid, accommodation and online learning services.
- Students were concerned about inadequate computers, Wi-Fi and counselling services.



Source: Oupa Mokoena

# Recommendation

This study suggests an integrated institutional approach comprising of students' innate abilities and accessible support services, to promote self-directed learning.

Thank you/Ngiyabonga

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