

SSACI

TVET college lecturer capacity building through industry exposure

A case study of transport and logistics lecturers

Vanessa Taylor

17 October 2019

PRESENTATION CONTENTS

1. Why lecturer industry exposure
2. Background to SSACI involvement in TVET lecturer industry exposure
3. Overview of the SSACI-TETA WIL for Lecturers Study Tour and Placement Project
4. Implementation of the study tour component
5. Current and remaining activities
6. Lessons and conclusion

WHY LECTURER INDUSTRY EXPOSURE

- Industry placement of vocational educators promoted internationally
- Mostly part of continuing professional development
- Primary purpose is to develop industry 'currency'
- Benefits for lecturers include
 - Development of technical knowledge and practical industry experience
 - Development of industry-relevant learning materials and resources
 - Building industry links
 - Increased confidence and motivation
 - Improved teaching

(Ireland, Golden & Spielhofer, 2002; Schüller & Bergami, 2008; Toze & Tierney, 2010; Smith, 2017)

BACKGROUND – SSACI INVOLVEMENT

YEAR	PROJECT	COLLEGES & LECTURERS
2009	FET College Project	<ul style="list-style-type: none"> • 4 colleges • 20 lecturers (engineering)
2012-2013	Lecturer Workplace Exposure (LWE) Project	<ul style="list-style-type: none"> • 10 colleges • 100 lecturers (across fields)
2014-2016	SSACI-ETDP SETA WIL for Lecturers Project	<ul style="list-style-type: none"> • 28 colleges • 300 lecturers (across fields)
2014-2016	SwissCham Project	<ul style="list-style-type: none"> • 2 colleges • 80 lecturers (across fields)
2016	SSACI-TETA Student WBE and WIL for Lecturers Project	<ul style="list-style-type: none"> • 5 colleges • 45 lecturers (Transport & Logistics)
2016 +	SSACI WIL for Lecturers Programme offered on fees-for-services basis	<ul style="list-style-type: none"> • 19 colleges • 250 lecturers (across fields)
2019	SSACI-TETA WIL for Lecturers Study Tour and Placement Project	<ul style="list-style-type: none"> • 15 colleges • 85 lecturers (Transport & Logistics)

2016-2019 Work with universities on development of the industry WIL component of TVET and ACET lecturer professional qualifications



SSACI

PROJECT OVERVIEW



Transport Education Training Authority

Heart of Skills Innovation

- Implementation 2019-2020
- 5-day industry study tour & 3-day placement
- 15 colleges, 85 Transport & Logistics lecturers

1	Gert Sibanda	6	Orbit	11	Umgungundlovu
2	College of CT	7	Capricorn	12	Motheo
3	Port Elizabeth	8	Letaba	13	Ekurhuleni West
4	King Sabata Dalindyebo	9	eThekwini	14	South West Gauteng
5	Boland	10	Umfolozzi	15	Tshwane North

31% none

Prior industry
experience

69% some

STUDY TOUR

DATE	GROUP 1 (42)	GROUP 2 (43)
29 July 2019	<ul style="list-style-type: none">• Port of PE	<ul style="list-style-type: none">• Port of Ngqura
30 July 2019	<ul style="list-style-type: none">• Port of Ngqura	<ul style="list-style-type: none">• Port of PE
31 July 2019	<ul style="list-style-type: none">• Clover Port Elizabeth• SAB Port Elizabeth	<ul style="list-style-type: none">• SPAR DC Port Elizabeth
1 Aug 2019	<ul style="list-style-type: none">• SAA Cargo Airport• Bid Air Cargo Airport• DHL Couriers Jet Park	<ul style="list-style-type: none">• Coega Dairy• Digistics Logistics• Vector Logistics
2 Aug 2019	<ul style="list-style-type: none">• Boat Tour from PE to Ngqura Port	<ul style="list-style-type: none">• Boat Tour from Ngqura to PE Port

PORT OF NGQURA



PORT OF PE



SPAR



DHL



CLOVER



SAB



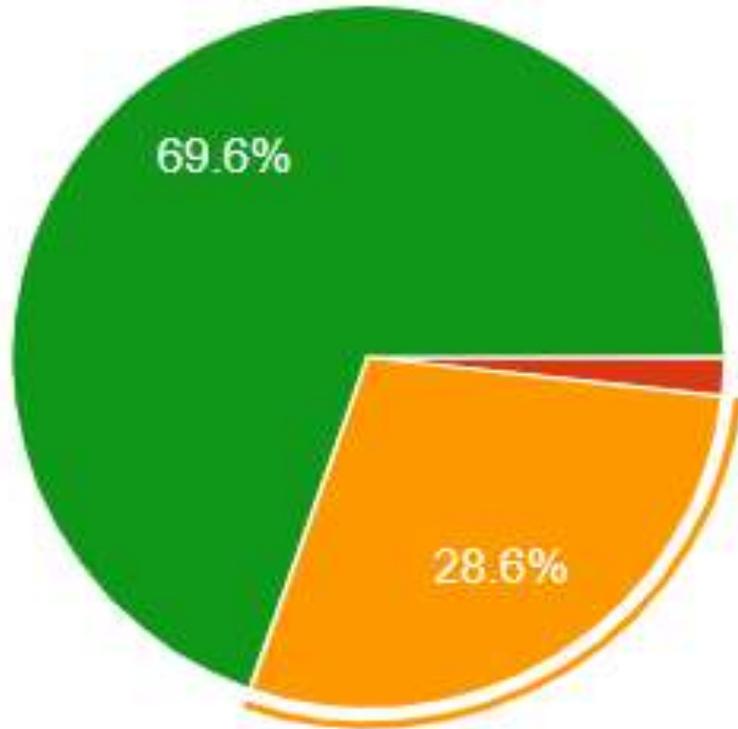
COEGA DAIRY

where technology meets acology



LECTURER EVALUATION OF STUDY TOUR

Lecturer rating of value of study tour



- Not that useful
- Useful
- Very useful
- Extremely useful

Reasons for rating

- Practical overview of content we teach
- Gained confidence and knowledge
- Broadened my knowledge base
- Benefitted lecturers with no industry experience
- An eye opener, since it was my first experience
- 'Hands on' experience
- Very related to curriculum
- Exposure to student job opportunities
- Refresher
- Helps us integrate theory with practical
- Course new at college so didn't really know what being done at industries
- Re-ignited passion for teaching & learning & to keep our students in mind

LECTURER EVALUATION OF STUDY TOUR

Most useful things learned

- How things are done in a real world
- The way companies actually operate
- Warehouse operations and functions
- How the logistical chains work for various companies
- Technological systems used by logistics companies
- Electronic route scheduling and monitoring of trucks
- Processing of a product from raw material to the final product
- Physical execution of handling goods in the warehouse including reverse logistics transportation methods, selections of vehicles
- Import and export (International trade)
- Modern technology used / use of robots / 21st century technology
- Emphasis on safety and security
- Importance of time management

CURRENT & REMAINING ACTIVITIES

- Lecturers currently completing 3-day placements
- Lecturers to submit SSACI PoE
- SSACI will assess PoEs and issue a certificate of completion to lecturers who complete requirements

CONCLUSION

- Centrality of educators in the quality of teaching and learning in TVET colleges and outcomes of this, especially learner employability
- Empirical evidence repeatedly reaffirms the value of industry exposure for college lecturers
- In addition to developing knowledge and skills, a key benefit is motivation & re-commitment to work
- Also an opportunity to be exposed to 4IR type changes
- Essential role of lecturers in mediating the prescribed (and always out of date) curriculum and aligning this to real industry practice