

Work Placement Work-based learning

Gill Enslin, Christel Hanson, Carmen Leonard, David Katerere, FankSsengooba



3rd NATIONAL PHARMACY CONFERENCE
3-5 OCTOBER 2019
SUN CITY, SOUTH AFRICA





Work- based learning placement - students



Bachelor of Pharmacy
TUT

G Enslin, C Hanson, C Leonard, D Katerere, F Ssengooba



Work Integrated Learning and specifically work based learning?



Why do providers and accreditors of programmes require WIL?

Do students expect it?

Do employers expect it?

Does DHET expect it?



Why Work Integrated Learning?





What is **W**ork **I**ntegrated **L**earning?

“**WIL** is an umbrella term used to describe a range of educational activities that integrate learning within an academic institution with practical application in a workplace setting relevant to each student’s programme of study or career goals”

Peters, Julie Academica Group, 2012

“ Learning that comprises a range of programmes and activities in which the theory of the learning is intentionally integrated with the practice of work through specifically designed curriculum, pedagogic practices and student engagement” Atkinson, 2016



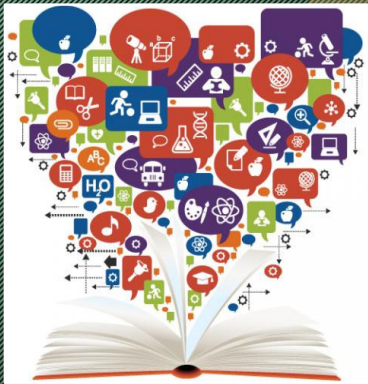
Why WIL?

- **Graduate attributes - employability, competency**
- HEQSF requirement for a four year professional degree
- SAPC GPE standard requirement
- Competency standards for pharmacists
- Employer expectation to employ a competent graduate
- Student expectation to leave as competent graduate





Work Integrated Learning in the BPharm



Curriculum

- Integrated
- Thematic
- Aligned



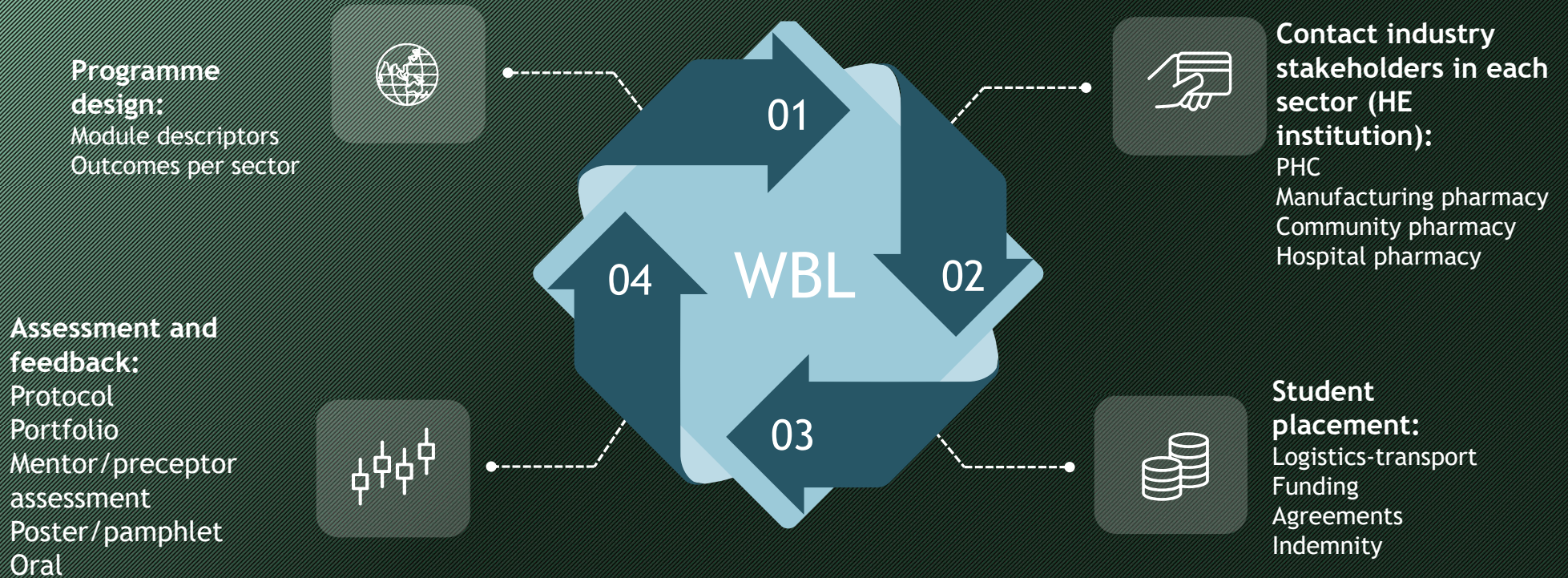
Pedagogy

- PBL
- Small groups
- Real world oriented



Assessment

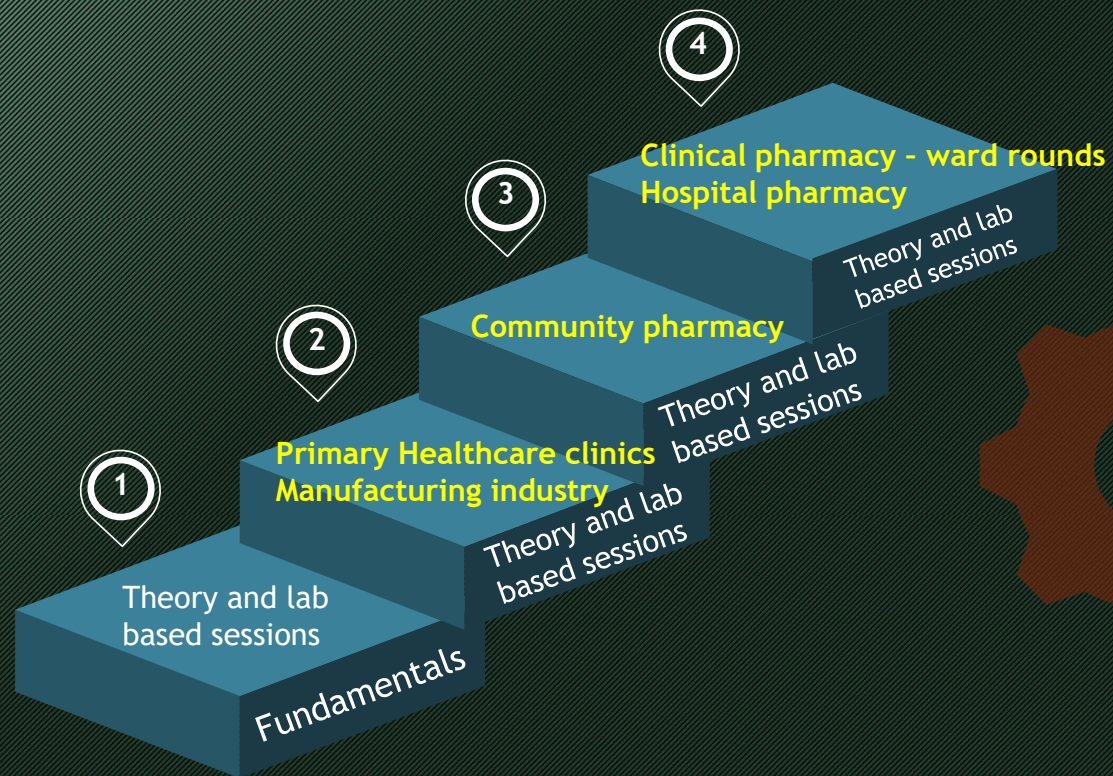
- Continuous
- Valid
- Appropriate



Process



WBL in the TUT programme



WBL in the TUT programme



Year	Modules / duration	Topics	Assessment
Year 1	6 modules / 6 weeks each	Fundamental chemistry, microbiology, nutrition, calculations, introduction to pharmacology (gastrointestinal system) and pharmaceuticals, biopharmaceuticals and the practice of pharmacy	Continuous, tests, assignments, workshops, written exams, problem solving exercises, OSPE
Year 2	6 modules / 5 - 8 weeks	Pharmacology and clinical pharmacy (cardiovascular, respiratory system) and related conditions, pharmaceuticals (dosage forms) and pharmaceutical chemistry (medicinal and analytical), pharmacy practice (regulatory and legal aspects) PHC, Industrial manufacturing pharmacy	Continuous, tests, assignments, workshops, written exams, problem solving exercises, OSPE
Year 3	6 modules / 5 - 8 weeks	Pharmacology and clinical pharmacy (endocrinology, musculoskeletal and related conditions), pharmaceuticals (aseptics) and pharmaceutical chemistry, business management, governance and legal aspects Community pharmacy	Portfolio, presentations, mentor report, case study reports, written assessments
Year 4	5 modules / 6 - 9 weeks	Pharmacology and clinical pharmacy (psychiatric and neuropharmacology, special areas, pharmaceuticals (aseptic) and pharmaceutical chemistry, hospital pharmacy management and legal aspects, Research methodology and project Clinical pharmacy ward rotations, Hospital pharmacy	

Besides the "XXX" card procedure that the pharmacy has I would love to work there in the future. I love the way that the team works, no matter their differences they manage to work peacefully - Itumeleng

Compiling this portfolio helped me identify which skills I have developed and has made me feel confident and enhanced my critical thinking skills - Shoki

This experience helped me grow soo much as a professional - it opened my eyes to the reality books don't teach - Molepo

Drug supply management has been a lot easier to understand than in text books -MM

I learned listening skills - MM

The importance of RDU and how its my responsibility as a future pharmacist to ensure RDU - MM

The overall experience was very good, it opened me up to a sector of pharmacy I hadn't experienced before, taught me how to deal with people, patients and co-workers alike and improved my professional attitude - Shoki

I learned many things that would help me in the future especially when it come to conducting myself in the working environment - Mlungisi

I became more aware of the great responsibility that pharmacists carry at community/retail pharmacy...it's a fast paced environment and has long hours and you have to think on the spot - Lucky

I have learnt the importance of the role of the pharmacist in the primary healthcare setting and society as a whole - Diale

The experience teaches discipline and patience - Happy

Student experiences

It has had a positive influence on the pharmacist I will become - LD

It allowed me to see what it looks like to work in a community pharmacy and allows me to make better career choices in terms of which field of pharmacy I would like to go into - Reza

I've learned the importance of communication between prescribers and dispensers - Matlakala

Slide 11

A14 are you going to add students comments in here?
Author, 9/16/2019



Confidence
Theoretical knowledge into practice
Communication skills in a team
Time management
Responsibility
Choices available – broadened view
Networking
Critical thinking
Adaptability

Community awareness
Dealing with challenges
Team work
Self discipline
Self knowledge
Mutual respect
Positive work ethic
Administrative skills
Organisational skills

Graduate attributes attained





Importance

- PHC, promotive and preventive health
- Manufacturing, medicines supply
- Community, access, counselling, PIT
- Hospital, clinical pharmacy, pharmaceutical care
- Graduate attributes

Relevance

- Scope of practice, community and ward based care
- Industrial pharmacy experience, specialisation?
- Most pharmacists in community sector
- Development of the profession, specialisation area
- Employability
- Effectiveness
- Personal fulfilment

Significance

- NHI
- Growth of the industry in RSA(NDP)
- Access to medicines, CCMDD
- Competence in the workplace
- Better patient outcomes

Reflection on WBL in TUT programme



- Positives
 - enhanced learning, networking with healthcare professionals



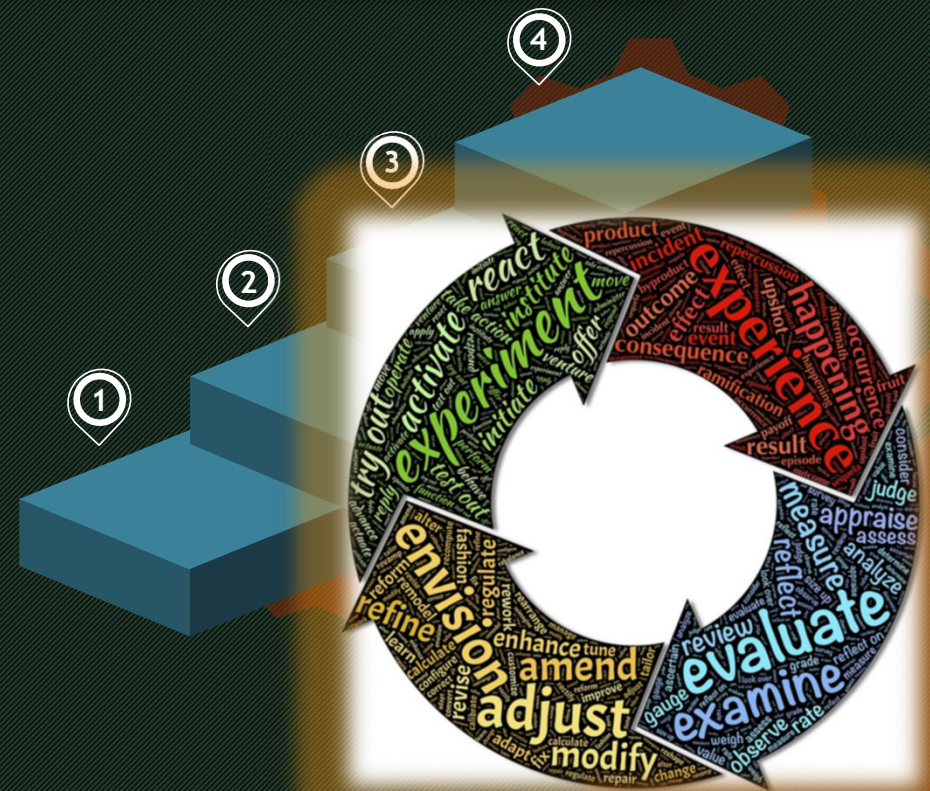
- How long at each site?
4 weeks, one continuous stretch



- The experience
integration of knowledge and
theory with real world of practice



- What to fix and challenges
 - Cost
 - Supervision and visits by staff
 - Observation of student in action!



Slide 15

A16

Maybe include some comments from mentors/preceptors?

Author, 9/16/2019

References

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THANK YOU!



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QUESTIONS



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