



<u>FACULTY</u>	: Education
<u>DEPARTMENT</u>	: Science and Technology Education
<u>CAMPUS</u>	: APK
<u>MODULE</u>	: TEACHING METHODOLOGY AND PRACTICUM: ENGINEERING GRAPHICS AND DESIGN (MFSPTY4)
<u>SEMESTER</u>	: Second
<u>EXAM</u>	: January 2020

<u>ASSESSOR(S)</u>	: DR CF VAN AS		
<u>MODERATOR</u>	: DR A DU TOIT (NWU)		
<u>DURATION</u>	: SUBMISSION	<u>MARKS</u>	: 40

NUMBER OF PAGES: 3 PAGES

INSTRUCTIONS:

Read the following instructions carefully before answering the questions:

1. Submit your portfolio on a clearly marked CD or USB drive.
 2. Cut-off time for submissions is the final time indicated on your examination timetable.
 3. No late submissions will be allowed.
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Introduction

This reflective e-portfolio will be your final assessment task for Teaching Methodology and Practicum 4: Engineering Graphics and Design (EGD). You have to compile a reflective e-portfolio of evidence indicating your professional and personal development. The e-portfolio should be more than an organised collection of assessment activities and/or artefacts. It should also indicate areas of proposed future growth based upon assessments of past performance and current strengths, which should be exhibited as reflections.

Stage 1: Setting the e-portfolio context

- 1.1 The purpose of and primary audience for the e-portfolio.
- 1.2 The context of WIL 1.
- 1.3 The context of WIL 2.
- 1.4 The context of WIL 3.
- 1.5 Organisation of the e-portfolio:

- 1.5.1 Originality and creativity;
- 1.5.2 Comprehensiveness;
- 1.5.3 Title page/cover page and
- 1.5.4 Table of content.

[10]

Stage 2: The working e-portfolio (Collection of artefacts for the e-portfolio)

- 2.1 Instruction design in the discipline (Lesson plans).
- 2.2 The curriculum of the discipline (CAPS).
- 2.3 Assessment in the discipline.

Stage 3: The reflective e-portfolio

- 3.1 Teaching philosophy in WIL 2:

Write a reflection on your teaching philosophy (developed in the beginning of the year) and indicate areas of development.

- 3.1.1 Brief, reflective and personal;
- 3.1.2 Teaching and learning are conceptualized;
- 3.1.3 Research is integrated into teaching;
- 3.1.4 The learner-teacher relationship is clear; and
- 3.1.5 Goals are set.

[10]

3.2 Reflection:

Write a reflection on the topics covered during the lectures throughout this year referring to the value it added to your ability to teach the subject.

[10]

3.3 Professional development:

3.3.1 Write general reflective statements on achieving each of the following outcomes:

- a) To develop you as a student-teacher into the practices of the EGD discipline.
- b) To implement the CAPS curriculum into practice.
- c) To design, analyse and critique assessment forms and tools in EGD.
- d) To administer and manage teaching in the EGD classroom. **(2)**

3.3.2 Select the artefacts that represent achievement of the above-mentioned standards/goals. **(2)**

3.3.3 Write reflective statements for each artefact, elaborating on why it was selected and its meaning and value in the e-portfolio. **(2)**

3.3.4 From the reflections and feedback, set learning goals for the future. **(2)**

3.3.5 For each learning goal, write a statement about what you still need to learn in this area, setting some reasonable aims for yourself. **(2)**

[10]

TOTAL: 40
