



higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

Doc F

APPLICATION FOR APPROVAL OF A NEW ACADEMIC QUALIFICATION

NAME OF INSTITUTION:		Vaal University of Technology (VUT)
Name of qualification		Master of Engineering in Education Management
Resubmission: Yes/No	NO	Reason for resubmission: N/A
Date of previous submission:	N/A	
GENERAL INFORMATION		
G1	Is this qualification (a) a new qualification in an approved field of study, (b) a new qualification at a higher level in an approved field of study, (c) in a new field of study?	(a) A new qualification in an approved field of study
G2	Indicate if the proposed qualification will be replacing any existing qualification/s on the approved PQM and if so state/ list this/ these qualification/s with expected last dates of enrolment.	New Qualification
G3	Indicate the delivery mode of the new qualification.	Contact
G4	Indicate the number of credits that will be offered in (a) contact and (b) distance mode of delivery.	(a) 180 total credits
G5	Indicate on which campus/es or site/s of delivery the new qualification will be offered.	Main Campus, Vanderbijlpark
SECTION A: HEQSF INFORMATION REQUIRED		
A1	Full title of proposed new qualification.	Master of Engineering in Education Management
A2	Abbreviation of title.	MEng (Education Management)
A3	HEQSF qualification type (e.g. 240-or 360-credit Diploma, Advanced Diploma, 360-or 480-credit Professional Bachelor's degrees, Professional Master's degree etc.)	Master's degree
A4	NQF exit level of qualification.	Level 9
A5	Credits: Give total credits at (a) qualification level; (b) each NQF level and (c) number of credits for research where appropriate.	(a) 180 total credits (b) NQF level 9 (c) 60 credits
A6	Designator (for degrees only).	Engineering
A7	If designator is not Arts, Commerce, Science or Social Science, indicate which first or second order CESM categories the proposed designator is consistent with.	08: 50%

A8	Qualifier 1 (state the field of specialisation).	0,8: 50%
A9	Qualifier 2 (optional).	07: 50%
A10	Indicate in which second or third order CESM categories (a) Qualifier 1's field of specialisation falls, and (b) Qualifier 2's field of specialisation falls (if applicable).	(a) 0808 (b) 0703
A11	Indicate what % of the curriculum for the proposed qualification falls into (a) Qualifier 1's field of specialisation, and (b) Qualifier 2's field of specialisation. (Use the NQF credit values of courses for this calculation).	(a) 08: 50% (b) 07: 50%
A12	Indicate what % of the curriculum for the final year of the proposed qualification falls into (a) Qualifier 1's field of specialisation, and (b) Qualifier 2's field of specialisation. (Use the NQF credit values of courses for this calculation).	(a) 08: 50% (b) 07: 50%
A13	Specify the institution's minimum admission requirements for the proposed qualification.	Relevant NQF level 8 (min 120 credits) Qualification.
A14	Indicate the courses/ modules at entry level that facilitate vertical or diagonal articulation into the proposed qualification.	Postgraduate Diploma (min 120 credits) on NQF level 8 with average academic results of 65% Honours (min 120 credits) on NQF level 8 with average academic results of 65%
A15	Indicate the type of Work Place Based Learning/Work Integrated Learning component for the proposed qualification.	N/A

SECTION B: HEMIS INFORMATION REQUIRED		
B1	HEMIS qualification type code.	73
B2	Major fields of study by second or third order CESM category.	0808: 50% 0703: 50%
B3	HEMIS course level of majors in final year of study.	46 + 47
B4	HEMIS research credits expressed as a decimal of total HEMIS credits.	0.36
B5	HEMIS minimum total time.	2
B6	HEMIS minimum Workplace Based Learning/ Work Integrated Learning credits expressed as decimal of total HEMIS credits.	N/A
B7	Indicate total subsidy units.	2
B8	Indicate the funding level of the proposed qualification.	3

SECTION C: OUTLINE OF PROGRAMME DESIGN*[use separate sheet if more space is needed]*

Module name	CESM	SAQA Credits	NQF Level	Core/ Fundamental/ Elective	Sem 1/ Sem 2/ Year
1. Artificial Intelligence	080803	30	9	Core	Year
2. Education Statistics and Research Methods	070502	30	9	Core	Year
3. Education Technology	070401	30	9	Core	Year
4. Education Management & Leadership	070301	30	9	Core	Year
5. Research Project	081201	60	9	Core	Year
Total		180			

SECTION D: BRIEF JUSTIFICATION FOR THE APPLICATION

- The changing educational environment surrounding the Engineering discipline, prompted VUT to develop a Master of Engineering and Education which will focus on the latest technology in research and engineering education. This programme will focus on specialised skills to educate others within the education environment specialising in the Scientific, Technological, Engineering or Mathematical (STEM) environment.
- The development of this programme was initiated by a collaborative project with global institutions and industry.
- This programme will prepare students to become specialised educators and scientific developers within any of the STEM fields.
- Through benchmarking with national and international higher education institutions as well as consultation with relevant stakeholders it became clear that the programme design must consist of core modules and a strong research component to prepare students for further studies.
- The programme design will ensure articulation to- and from this qualification.
- The research project included will be based on the specific field within STEM that the student entered from. Articulation provided in the programme design allows a student to choose and pursue a PhD in Engineering Education or revert back to the STEM discipline they came from.
- Students completing this qualification will have an advantage in the educational discipline as well as the STEM discipline as this qualification could also hold international accreditation.
- VUT students meet the needs of the surrounding community – South Africa is in need of excellent STEM educators and we have the opportunity to provide these educators.
- This programme speaks to a need in South Africa regarding STEM the National Development Plan of 2030.
- This programme design considered DHET, CHE and SAQA criteria and requirements.
- This programme design falls with the mission and vision of the VUT and respective faculties and is aligned with the academic plan of the institution.

SECTION E: ENDORSEMENT BY PROFESSIONAL COUNCIL/BOARD WHERE APPLICABLE

Is the endorsement letter from a Professional Board/ Council appended?

(Please tick the appropriate box)

Yes	
No	
Not Applicable	<input checked="" type="checkbox"/>

CERTIFICATION BY INSTITUTION THAT APPLICATION HAS BEEN APPROVED BY SENATE	
DATE OF SENATE APPROVAL:	
NAME:	SIGNATURE:
DESIGNATION: <i>DVC: Academic and Research</i>	DATE: