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University of Pretoria

**Faculty of Engineering,
The Built Environment and
Information Technology**

**Department of Engineering
and Technology Management**

14 November 2006

Chairperson: PC on Science and Technology
Nqaba Ngcobo

Dear Sir,

Research and Innovation Management Programme for Parliamentarians

Your letter dated 26 October, refers.

Thank you for the opportunity to present you with information on the available programmes. I would suggest the following modules for members of Parliament who would like to further their studies in research and innovation.

- Technology and Innovation Management
- Decision Analysis
- Research Methodology
- Systems Engineering
- Project Management
- Technological Entrepreneurship
- Operations Management
- Engineering Logistics/Maintenance Management/Quality Management
- Human Resource Management
- Financial Management
- Technology Commercialisation / Indigenous knowledge
- Strategic Management / Innovation Strategy

The above-mentioned modules form part of both the Honours/Masters in Technology Management, presented by the Department of Engineering and Technology Management and the Certificate Programme in Technology and Innovation Management presented by the same Department in collaboration with Continuing Education at the University of Pretoria (CE at UP).

Depending on the current qualification of the applicant, he/she may apply and register for either one of these qualifications.

Outline of programmes:

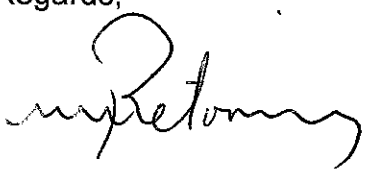
Honours/Masters Degree in Technology Management	
Admission requirement	• Appropriate 3 year Bachelors degree at a recognised University • Applicants need to apply and register for the formal programme before starting the first module
Modules on Honours level	• Technology and Innovation Management • Decision Analysis • Research Methodology • Systems Engineering • Project Management • Technological Entrepreneurship • Operations Management • Engineering Logistics or Maintenance Management or Quality Management or module approved by HOD
Modules on Masters level	• Human Resource Management • Financial Management • Technology Commercialisation • Strategic Management • Research Project
Duration	• Two years for honours and two years for masters
Mode of presentation	• Each module requires two and a half consecutive days of full-time attendance • The modules are all telematic supported
Assessment	• Individual/group assignments • Final examination
Costs in 2006 (± 10% increase in fees for 2007)	• Honours: R 14 720.00 • Masters: R 25 760.00

Certificate Programme in Technology and Innovation Management	
Admission requirement	A senior certificate
Modules	• Technology and Innovation Management • Decision Analysis • Project Management • Technological Entrepreneurship • Human Resource Management • Financial Management • Technology Commercialisation / Indigenous knowledge • Strategic Management / Innovation Strategy
Duration	• 1 year
Mode of presentation	• Each module requires two and a half consecutive days of full-time attendance.
Assessment	• Assignments
Costs for 2007	• To be negotiated - price will depend on the number of students and class venue.

Students that completed the one-week short course in Research and Innovation Management will be exempted from class attendance for the module *Technology and Innovation Management* but will be required to study the prescribed reading and complete the assignment/s (for the certificate and degree programmes) and write the examination (for the degree program).

I hope these programmes will meet your specific needs. Please contact me should you need any more detail or clarification.

Regards,



Prof MW Pretorius
Head of Department: Engineering and Technology Management