



Universiteit van Pretoria Jaarboek 2018

Wetenskap, tegnologie en innovasiebeleid 880 (ISP 880)

Kwalifikasie	Nagraads
Fakulteit	Fakulteit Ingenieurswese, Bou-omgewing en Inligtingtegnologie
Modulekrediete	10.00
Programme	MIng Tegnologie- en Tegnologiebestuur (Gedoseer) MSc Tegnologie- en Tegnologiebestuur (Gedoseer)
Voorvereistes	Geen voorvereistes.
Kontaktyd	20 kontakure
Onderrigtaal	Module word in Engels aangebied
Departement	Ingenieurs- en Tegnologiebestuur
Aanbiedingstydperk	Semester 1 of Semester 2

Module-inhoud

Science, Technology & Innovation (STI) Policy is considered to drive innovation and innovation is considered to be a core contributor to economic growth in all countries. As a result, STI policy is critical to the effective generation and utilisation of STI knowledge, whether this be undertaken for public good or private gain. In this module the student will be given an introduction to, and the linkage between, Science and Technology, research and development, and innovation. This introduction will be followed by a brief history of innovation theory and how S&T links to both national and technological innovation systems. The range of policy instruments which can be used to stimulate science, technology and innovation will then be reviewed, followed by the characterisation of the instruments which are presently adopted in South Africa. The student will then be presented with a range of frameworks to allow the analysis of different S&T policies and innovation systems, with particular reference to South Africa and other countries in the region.

Die inligting wat hier verskyn, is onderhewig aan verandering en kan na die publikasie van hierdie inligting gewysig word.. Die [Algemene Regulasies \(G Regulasies\)](#) is op alle fakulteite van die Universiteit van Pretoria van toepassing. Dit word vereis dat elke student volkome vertrouwd met hierdie regulasies sowel as met die inligting vervat in die [Algemene Reëls](#) sal wees. Onkunde betreffende hierdie regulasies en reëls sal nie as 'n verskoning by oortreding daarvan aangebied kan word nie.