

Faculty	Natural Sciences		
Home Department	Physics and Astronomy		
Module Topic	Introduction to Astronomy		
Generic Module Name	Physics 217		
Alpha-numeric Code	PHY217		
NQF Level	6		
NQF Credit Value	20		
Duration	Semester		
Proposed semester to be offered	First Semester		
Programmes in which the module will be offered	BSc (Physical Science) (3233,3120); BSc (Chemical Sciences) (3220,3019); BSc (Computer Science) (3221,3023); BSc (Mathematics and Statistical Sciences) (3227,3031); BSc (Environmental and Water Science) (3331);		
Year level	2		
Main Outcomes	On completion of this module students should be able to: <ul style="list-style-type: none"> • Explain basic ideas in Astronomy to a wide audience. 		
Main Content	<ul style="list-style-type: none"> • The scientific method, technology and the development of astronomical ideas; the night sky; space travel and the solar system; stellar evolution; galaxies; evidence for the Big Bang and cosmology; Current research questions and SA contributions to Astronomy; Communicating basic astronomical ideas: tourism, the media and science education 		
Pre-requisite modules	None		
Co-requisite modules	None		
Prohibited module Combination	None except from timetable clash groups		
Breakdown of Learning Time	Hours	Timetable Requirement per week	Other teaching modes that does not require time-table
<i>Contact with lecturer / tutor:</i>	42	<i>Lectures p.w.</i>	3
<i>Assignments & tasks:</i>	14	<i>Practicals p.w.</i>	4
<i>Practicals:</i>	56	<i>Tutorials p.w.</i>	1
<i>Tutorials:</i>	14		
<i>Tests & Examinations:</i>	6		
<i>Selfstudy:</i>	68		
<i>Other:</i>	0		
Total Learning Time	200		
Methods of Student Assessment	Continuous Assessment (CA): 50% Final Assessment (FA): 50%		
Assessment Module type	Continuous and Final Assessment (CFA)		