

Module code	SP-3404		
Module Title	How Things Work - Physics of everyday life		
Degree/Diploma	Undergraduate GenNEXT Bachelor degree		
Type of Module	Breadth		
Modular Credits	4	Total student workload	8 hours/week
		Contact hours	4 hours/week
Prerequisite	None		
Anti-requisite	None		
Aims			
To introduce students to physics in the context of everyday objects. The module brings in an unconventional introduction to physics that starts with whole objects and looks inside them to see what makes them work. It provides students with an understanding of concepts on familiar objects, rather than mathematics and on abstract constructs. The module also aims to get students interested in physics and how physics knowledge and their understanding contribute substantially to our modern technological world. This module is designed for non-Science students.			
Learning Outcomes:			
<i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	10%	- Describe the basic operation of selected processes, products and inventions	
Middle order :	10%	- Describe the basic science in these processes, products and inventions	
Higher order:	80%	- Describe how these processes, products and inventions are made or created	
		- Explain modification that may enhanced the values of these processes, products and inventions	
Module Contents			
- Selected processes, products and inventions of interest will be identified and discussed according to the laws of Physics.			
Assessment	Formative assessment	Peer assessment	
	Summative assessment	Examination: 0 % Coursework: 100 % - 1 written project (50%) - 1 presentation (50%)	