

Course ILOs for Approved Common Core Courses (Subject Code: **MECH**)

Course Code, Title and Course ILOs	Weighting	Area(s)
MECH 1902 Energy Systems in a Sustainable World		SA, S&T
CILO 1 Acquire basic knowledge of the different energy systems used in modern sustainable society	NA	
CILO 2 Establish ability in carrying out scientific debates on energy related topics in society	NA	
CILO 3 Develop ability in building own thinking on energy issues with technical justification	NA	
CILO 4 Develop ability in conducting relevant in-depth analysis that can lead further to reaching some levels of conclusion in energy related issues	NA	
CILO 5 Polish skills in engaging in intellectual discussion in energy system related topics	NA	
MECH 1905 Buildings for Contemporary Living		S&T
CILO 1 Apply scientific and technological developments for contemporary living	60%	
CILO 2 Examine the impacts on the use of technology to our environments	20%	
CILO 3 Identify with the provision of living conditions for healthy lifestyle	20%	
MECH 1906 Mechanical Engineering for Modern Life		S&T
CILO 1 Comprehend and apply the basic principles of mechanical engineering technologies for modern life	70%	
CILO 2 Evaluate the social and philosophical implications and impacts of the advancements of mechanical engineering technologies	30%	

NA : The course offering unit has not assigned any weighting for the course ILOs.

Updated as at 1 August 2022