Taking the main areas of competence as a basis, the following Mechanical Engineering Programme outcomes have been identified:

Relationship Between the Competencies and Programme Outcomes – Mechanical Engineering Programme

Field of Competence		Programme Outcomes			
A. Knowledge (Theoretical-Factual)		A1. Apply energy, momentum, continuity, state and constitutive equations to thermal, fluids and mechanical systems in a logical and discerning manner.			
B. Skills (Cognitive-Practical)		B1. Design and perform laboratory experiments for thermal, fluid and mechanical systems to gather data and test theories.	B2. Ability to understand and apply knowledge of mathematics, science, and engineering.	B3. Participate effectively in the same-discipline and cross-disciplinary groups.	B4. Identify, formulate, and solve thermal, fluid and mechanical engineering problems by applying first principles, including open-ended problems.
Competencies	C. Competence in Independent Work and Taking Responsibilities	C1. Develop practical solutions for mechanical engineering problems under professional and ethical constraints.			
	D. Competence in Learning	D1. Be prepared for a lifetime of continuing education.			
	E. Competence in Communications and Social Interaction	E1. Communicate effectively with written, oral, and visual means in a technical setting.			
	F. Field-Related Competence	F1. Recognize the fact that solutions may sometimes require non-engineering considerations such as art and impact on society.	F2. Recognize environmental constraints and safety issues in engineering	F3. An ability to use modern modelling and simulation techniques, and computing tools.	