

Course Title	<b>PhD Qualifying Exam</b>				
Course Code	<b>AME702</b>				
Course Type	Compulsory				
Level	PhD (Third Level)				
Year / Semester	3 <sup>rd</sup> Semester (or 1 <sup>st</sup> if the student is exempted from the Graduate Master's Level Coursework)				
Teacher's Name	Student's Research Advisor (any Teaching and Research Staff member of the Department.)				
ECTS	7	Lectures / week	NA	Laboratories / week	NA
Course Purpose and Objectives	<p>The purpose of the PhD Qualifying Exam is to ensure that the student has the required background knowledge, as well as specialized knowledge to conduct research in his dissertation area and to cope with the requirements of the doctoral program.</p> <p>The PhD Qualifying Exam consists of two parts. The first one examines the student's broad knowledge on topics related to the field of mechanical engineering at the undergraduate level, as well as his ability to reason, formulate and solve problems, and to apply analytical and engineering skills. The second part examines the student's depth of knowledge in the area of his research at the graduate course level. The duration for each part of the exam is from 1½ to 2½ hours</p> <p>The content of the PhD Qualifying Exam is decided by the Research Advisory Committee of the student. The student must be informed in writing about the form of the qualifying exam and the reading material, at least ten weeks before the date of the qualifying exam.</p>				
Learning Outcomes	Not Applicable				
Prerequisites	Completion of the Graduate Master's Level Coursework	Co-requisites	None		
Course Content	Not Applicable				
Teaching Methodology	Not Applicable				
Bibliography	Not Applicable				
Assessment	This is a "Pass" / "Fail" course. A student is granted a passing grade if he gets a passing grade in both parts of the Qualifying Exam.				
Language	English				