



# FINAL PROJECT ASSIGNMENT

**Publicly Available**

Identification	Name: <b>Mahammadov Seymur</b>		ID: 73352437814	
	Code of the Curriculum: 2NAAG0		Specialisation:	Document ref. number:
	Curriculum: Bachelor of Science Degree Program in Mechanical Engineering		2NAAG0-PE	GEÁT:2022-2:2NAAG0:YLC5RC
	Final Project issued by: Department of Fluid Mechanics		Final exam organised by: Department of Hydrodynamic Systems	
Supervisor: Lelkes János (72866960617), PhD student				

Project Description	Title	<b>Numerical investigation and optimization of morphing wing geometries</b> Alakváltó szárnyak numerikus vizsgálata és optimalizációja
	Details	<ol style="list-style-type: none"><li>Literature survey on morphing wing technology</li><li>Creating a MATLAB code to generate the morphing wing geometries</li><li>Panel method simulation of the different geometries</li><li>Calculation of the drag and lift coefficients</li><li>Comparison of the different geometries</li><li>Choosing an optimal morphing geometry</li><li>Summarize your work in the required document format of the BSc Thesis</li></ol>
	Advisor	Advisor's Affiliation: -- Advisor: --

Final Exam	1 <sup>st</sup> subject (group)	2 <sup>nd</sup> subject (group)	3 <sup>rd</sup> subject (group)
	<b>ZVEGEENAG71</b> Energy Processes and Equipments	<b>ZVEGEVGAGFF</b> Fluid Flow Systems	<b>ZVEGEVGAG4X</b> Volumetric Pumps and Compressor

Authentication	Handed out: 14 February 2022		Deadline: 20 May 2022			
	Compiled by: Lelkes János (72866960617) Supervisor		Verified by: Dr. János Vad (signed) Head of Department		Approved by: Dr. Gábor Györke (signed) Vice-Dean	
	The undersigned declares that all prerequisites of the Final Project have been fully accomplished. Otherwise, the present assignment for the Final Project is to be considered invalid.  ..... Mahammadov Seymur					