

Course code																																	
Type and description	EC – Elective Course																																
ECTS credit	1																																
Course name	Selected Problems of Spinning																																
Course name in Polish	Wybrane zagadnienia z przędzalnictwa																																
Language of instruction	English																																
Course level	8 PRK																																
Course coordinator	dr inż. Rutkowski Jacek																																
Course instructors	dr inż. Rutkowski Jacek																																
Delivery methods and course duration	<table border="1"> <thead> <tr> <th></th> <th>Lecture</th> <th>Tutorials</th> <th>Laboratory</th> <th>Project</th> <th>Seminar</th> <th>Other</th> <th>Total of teaching hours during semester</th> </tr> </thead> <tbody> <tr> <td>Contact hours</td> <td>0</td> <td>0</td> <td>0</td> <td>15</td> <td>0</td> <td>0</td> <td>15</td> </tr> <tr> <td>E-learning</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> </tr> <tr> <td>Assessment criteria (weightage)</td> <td>0</td> <td>0</td> <td>0</td> <td>100%</td> <td>0</td> <td>0</td> <td>100%</td> </tr> </tbody> </table>		Lecture	Tutorials	Laboratory	Project	Seminar	Other	Total of teaching hours during semester	Contact hours	0	0	0	15	0	0	15	E-learning	no	no	no	no	no	no	no	Assessment criteria (weightage)	0	0	0	100%	0	0	100%
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Course objective	1. Fact-finding of student with chosen problems from area of spinning																																
Learning outcomes	<p>1. The student is able to analyze directions of evolution of spinning</p> <p>2. Assess the usefulness and possibility of using innovative materials and technologies for tasks resulting from the design of linear textile products</p> <p>3. The student is able to use objective, bright and to precise language</p> <p>W4, U4, K1</p>																																
Assessment methods	<p>Learning outcome - Project and Presentation</p> <p>The final evaluation consists of:</p> <ul style="list-style-type: none"> - project implementation - 80%, - presentation - 20%. 																																
Prerequisites	II cycle studies																																
Course content with delivery methods	<p>PROJECT</p> <p>Main directions spinning development.</p> <p>The Innovative Technologies of spinning.</p> <p>The modeling of yarn.</p> <p>The building of yarns about on purpose the steered properties.</p>																																
Basic reference materials	<p>1. Jabłoński Wł., Jackowski T.: Nowoczesne systemy przędzenia, Bielsko-Biała 2001 r.</p> <p>2. USRER NEWS BULLETIN: www.uster.com</p>																																

	<p>3. Link - The customer magazine of Rieter Spun Yarn System, www.rieter.com;</p> <p>4. SPINOVATION - The magazine for spinning mills; www.schlaffhorst .</p> <p>5. Oerlikon textile.com; www.gca.org.pl</p>
Other reference materials	1. Uster Statistics 2018, http://www.uster.com/en/service/uster-statistics/
Average student workload outside classroom	15h
Comments	Project implemented in the summer semester
Last update	March 2023