

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Recycling of aircrafts</b>		Code <b>1010605321010617443</b>
Field of study <b>Transport</b>	Profile of study (general academic, practical) <b>general academic</b>	Year /Semester <b>1 / 2</b>
Elective path/specialty <b>Aircraft Transport</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>obligatory</b>
Cycle of study: <b>Second-cycle studies</b>	Form of study (full-time, part-time) <b>part-time</b>	
No. of hours Lecture: <b>9</b> Classes: <b>-</b> Laboratory: <b>-</b> Project/seminars: <b>-</b>		No. of credits <b>1</b>
Status of the course in the study program (Basic, major, other) <b>other</b>		(university-wide, from another field) <b>university-wide</b>
Education areas and fields of science and art <b>technical sciences</b> <b>Technical sciences</b>		ECTS distribution (number and %) <b>1 100%</b> <b>1 100%</b>
<b>Responsible for subject / lecturer:</b>  prof. dr hab. Agnieszka Merkisz-Guranowska email: agnieszka.merkisz-guranowska@put.poznan.pl tel. 61 665-5958 Inżynierii Transportu ul. Piotrowo 3, 60-965 Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	The student has a basic knowledge of aircraft construction, organization of recycling networks and basic recycling technologies
2	<b>Skills</b>	Student is able to integrate the information obtained, draw conclusions, formulate and justify opinions
3	<b>Social competencies</b>	The student is able to independently search for information in literature and knows the rules of discussion and group work
<b>Assumptions and objectives of the course:</b> Deepening knowledge about aircraft recycling and proper waste treatment.		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. Has advanced and detailed knowledge of selected issues in the field of transport engineering - [T2A_W03] 2. Knows advanced methods, techniques and tools used to solve complex engineering tasks and conduct research in a selected area of transport - [T2A_W06]		
<b>Skills:</b>		
1. Can acquire information from literature, databases and other sources (in Polish and English), integrate them, make their interpretation and critical evaluation, draw conclusions and formulate and fully justify opinions - [T2A_U01]		
<b>Social competencies:</b>		
1. Understands that in the field of transport engineering, knowledge and skills quickly become obsolete - [T2A_K01] 2. Is aware of the need to develop professional achievements and comply with the rules of professional ethics - [T2A_K04]		
<b>Assessment methods of study outcomes</b>		
Presentation of selected issues regarding material recycling of aircraft.		
<b>Course description</b>		
1 Legal requirements for the recycling of aircrafts.		

2 Aircraft treatment and recycling process. 3 Infrastructure for recycling of aircrafts. 4 Methods of processing materials and components used in aircrafts.		
<b>Basic bibliography:</b> 1. Airbus and Boeing reports 2. ICAO and IATA databases		
<b>Additional bibliography:</b>		
<b>Result of average student's workload</b>		
<b>Activity</b>	<b>Time (working hours)</b>	
1. Participation in lectures	9	
2. Preparation of the presentation	5	
<b>Student's workload</b>		
<b>Source of workload</b>	<b>hours</b>	<b>ECTS</b>
Total workload	14	1
Contact hours	9	1
Practical activities	5	0