

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Mobile system application in construction		Code 1010112121010115663
Field of study Civil Engineering	Profile of study (general academic, practical) general academic	Year /Semester 1 / 2
Elective path/specialty -	Subject offered in: English	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 15 Classes: - Laboratory: - Project/seminars: 15		No. of credits 2
Status of the course in the study program (Basic, major, other) major		(university-wide, from another field) from field
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 2 100% 2 100%
Responsible for subject / lecturer: dr inż. Henryk Gierszal email: gierszal@amu.edu.pl tel. 5023 UAM UAM		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Basic knowledge of the areas of mobile technology
2	Skills	Reasoning ability and teamwork
3	Social competencies	Collaboration in a team to implement the project.
Assumptions and objectives of the course: Familiarize students with mobile applications for construction		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Student has knowledgeable about doing business in the construction industry. Understand the principles of financial management companies. - [K_W11]		
2. Student has knowledgeable about infrastructure management in the full life cycle of the objects. - [K_W19]		
3. Student has knowledgeable about the impact of the investment and the existing buildings on the environment - [K_W13]		
Skills:		
1. Student has the ability to communicate in foreign languages, including technical knowledge of the language elements of construction. - [K_U05]		
2. Student can make the development of preparing him to undertake scientific work. - [K_U17]		
3. Student can provide appropriate measures and safety on site - [K_U18]		
Social competencies:		
1. Student can carrying out certain tasks to work independently, to work in a team and manage a team. - [K_K01]		
2. Student is capable to operate in the organization and environment respecting the principles of professional ethics - [K_K07]		
3. Understands the need to inform the public knowledge of the construction - [K_K08]		

Assessment methods of study outcomes		
Final test		
Course description		
Mobile systems for the Construction Industry Examples from other areas		
Basic bibliography:		
Additional bibliography:		
Result of average student's workload		
Activity	Time (working hours)	
1. Work with students	15	
2. Students working on their own	15	
Student's workload		
Source of workload	hours	ECTS
Total workload	50	2
Contact hours	20	1
Practical activities	20	1