

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Management of production in construction in terms of quality		Code 1010104191010114238
Field of study Civil Engineering First-cycle Studies	Profile of study (general academic, practical) general academic	Year /Semester 5 / 9
Elective path/specialty -	Subject offered in: Polish	Course (compulsory, elective) elective
Cycle of study: First-cycle studies	Form of study (full-time, part-time) part-time	
No. of hours Lecture: 20 Classes: - Laboratory: - Project/seminars: -		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 hab. inż. Jerzy Paślowski, prof. nadzw. email: jerzy.paslowski@put.poznan.pl tel. +48616652113 Faculty of Civil and Environmental Engineering ul. Piotrowo 5 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Knowledge about the role of quality management in the production management
2	Skills	Ability to analyze the functioning of the production system
3	Social competencies	Awareness of the role of quality in technical culture industry
Assumptions and objectives of the course: An indication of the great potential to improve the management of construction processes through the application of quality management system		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. 1. Knows the base implementation of a comprehensive quality management system - [K_W06 - [T1A_W03, -07,-08, -13]] 2. 2. He knows the potential causes of quality problems K - [K_W12 - [T1A_W02,-04]] 3. 3. Know the rules for creating quality management procedures - [K_W15 - [T1A_W08,-09]]		
Skills:		
1. 1. Can choose a management tool for the implementation of quality management procedures - [-K_U05 - [T1A_U01,-03,-06-09,-10,-15]] 2. 2. Can choose the appropriate laboratory tests to assess the quality - [K_U13 - [T1A_U06,-08,-13]] 3. 3. Protrafi apply the appropriate standards for quality management - [K_U19 - [-T1A_U04]]		
Social competencies:		
1. 1. Able to identify the advantages and disadvantages of teamwork - [K_K01 - [-T1A_K03, -04, -06]] 2. 2. Isolated complements and extends the knowledge in the field of quality management - [K_K03 - [-T1A_K01, -03-05]] 3. 3. Can formulate opinions on production processes - [K_K07 - [T1A_K07, T1A_U03, -04]]		
Assessment methods of study outcomes		

<p>Student work includes:</p> <ul style="list-style-type: none"> * Active participation in lectures and exercises (including a possible trip) * Dot design. Develop a quality management procedures * Written test <p>Rating scale (test):</p> <ul style="list-style-type: none"> above 100 excelled 91-100 very good (A) 81- 90 good plus (B) 71- 80 good (C) 61- 70 plus sufficient (D) 51- 60 sufficient (E) below 50 insufficient (F) 		
Course description		
<p>Characteristics of production systems open / closed (examples), the benefits of the introduction of quality management, the genesis of quality issues (general) - a groundbreaking event), the genesis of a national quality management in the construction industry, selected definitions of quality (including the fundamental definition of quality), the role of system performance / operation in quality management, calculation procedure in the house of quality (example), the main categories of products (+ examples), diversity quotas goods / services in various fields of activity (examples), the definition of quality classes, conditions grades (examples), the consequences of non-compliance in respect of the investor and the contractor, the social consequences of non-compliance, the differences between the various types of measurements, the differences between diversity and variability, the role of knowledge management observer variability, the importance of volatility in the strategic and operational level, the classification of the causes of variation by Shewhart), the cause of interference, and the duality variability</p> <p>Analysis example of quality management - a visit to the company</p>		
Basic bibliography:		
1. Myszewski J. M. Po prostu jakość. Podręcznik zarządzania jakością, Wyd. Akademickie i profesjonalne, Warszawa 2009		
Additional bibliography:		
1. Zapłata S. Zarządzanie jakością w przedsiębiorstwie. Ocena i uwarunkowania skuteczności, Oficyna a Wolters Kluwer business, Warszawa 2009		
Result of average student's workload		
Activity	Time (working hours)	
Student's workload		
Source of workload	hours	ECTS
Total workload	50	2
Contact hours	20	1
Practical activities	0	0