

表 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Technological Platforms, PG_00058850							
Field of study	Informatics							
Date of commencement of studies	October 2023		Academic year of realisation of subject		2024/2025			
Education level	first-cycle studies		Subject group		Optional subject group Subject group related to scientific research in the field of study			
Mode of study	Part-time studies		Mode of delivery		at the university			
Year of study	2		Language of instruction		Polish	Polish		
Semester of study	4		ECTS credits		5.0			
Learning profile	general academic profile		Assessme	sment form		exam		
Conducting unit	Department of Software Engineering -> Faculty of Electronics, Telecommunications and Informatics							
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Jarosław Kuchta					
	Teachers		dr inż. Jarosław Kuchta					
			mgr inż. Tomasz Gawron					
			dr inż. Waldemar Korłub					
Lesson types and methods	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM
of instruction	Number of study hours	15.0	0.0	15.0	15.0		0.0	45
	E-learning hours included: 0.0							
Learning activity and number of study hours	Learning activity Participation ir classes include plan				Self-study		SUM	
	Number of study hours	45		8.0		72.0		125
Subject objectives	Student gets familiar with simple .NET based applications and should be able to use most common mechanisms within them.							

Assessment methods and criteria Subject passing criteria Passing threshold Percentage of the final grade Project 50.0% 33.0% Exam 50.0% 34.0% Laboratory 50.0% 33.0%			-	1		
evaluate software using modern Gesign and create mobile programming platforms tools, different tools, see well as use solutilis and research processes fulfilment Figure 10: Aller Software packages supporting solutilis and research processes and more states, methods of supporting solutilis and research processes and the processes and functions, specific to the field of study. Student knows programming models. [SW1] Assessment of factual towards of study. Fig. W03] Knows and extent, methods of supporting and the principles, methods and the principles, methods and the principles, methods. Student knows basic object or consess and functions, specific to the field of study. Student gets families with C42 of diger-beneticed (segn. [SW1] Assessment of factual towards of study. Fig. W03] Knows and different toward comparent on controllers using microprocessors or contellers using microprocessors or systems sequence to systems sequence to the field of the study. Student gains knowledge of using understands, to an advanced and distributed computer systems, functions, contruct applications, as well as the principles of human cooperation with computers and computer applications, as well as the principles of human cooperation with computer sing microprocessors or you as process, specific to the factual distributed computer applications, as well as the principles of human scoperation with computer sing microprocessor and factual to study. [SW1] Assessment of lack human sectors. Student contents MET platform components intraduces and other torprocess specific to the field of student factual as accessing meteries. Study of programs and bettowethexite and contreguisties [SW1] Asse	Learning outcomes		,			
subject contents inderstatistic, to an advanced supporting processes and functions, specific instantial display in the field of subject instantial advanced instantial to principes and many and the principes of computer software, the principes of computer software, the principes of computer software the principes of computer software advaluements or systems specific to the field of study, and organization of software support to the field of study, and organization of software support to the field of study, and organization of software support to field and software support to field of software support to computer and software support for load and distributer, design and techniques, software support for load and distributer, design systems, sincularly computing systems, sincularly computer and computers and computer- ant advalue and distributer, sincularly systems, sincularly computers and computers and computer- ser and a process, specific to the field of study, using systems configurity web splications configurity and specinces in the web development and contena methods and contena meth		evaluate software using modern programming platforms, tools, languages and paradigms of different levels, as well as use software packages supporting scientific and research processes as well as business decision-	design and create mobile solutions based on .NET			
stand. the principles, methods and techniques of programming and the principles, or comparison of object-coriented design. Invokedge of object-coriented design. Status of programmable elements or systems specific to the field of study, and organisation of systems, including computers or sus- yestems series of the series of and the principles of the series of systems, including computers or systems, including computers and computers and one of a systems, including computers and computers and one principles and methods of hardware and software support for local and distribute information systems, including computers and computers and computers and computer- and computers and computer- and computers and computer- and computers and computer- and computers. Student gains knowledge of using NSP-NET web framework. [SU1] Assessment of factual knowledge VIET patients. Information operation with computers and computer- and computers and computers and computer- and computers. Ability to develop. NET-based applications. [SU1] Assessment of task. Subject contents NET platform components introductions CF Configurity web process. Specific to the field of study, using suitable and experience gained in the professional engineering CASP NET page lifectorie Configurity web profesch to the developmet ADO NET data cores layer Procentage X documents in NET Subject contents Prerequisites and corteria and criteria Student must posess basic knowledge of modern object - oriented languages (AVA, C++), relational And bases and understanding concepts of developing web pages. Additionaly, student is expected to have knowledge of SOL, and HTML languages. Project		understands, to an advanced extent, methods of supporting processes and functions, specific	models. Student knows basic object			
IV6_W42[Knows and avdremations, to an advanced struct, architecture, design principles and methods of hardware and software support for local and distributed information applications, as well as the principles of human cooperation in the computers and computer- alded teamwork. Student gains knowledge of using ASP.NET web framework. [SW1] Assessment of factual knowledge IV6_W21_Knows and information applications, as well as the principles of human cooperation with computers and computer- alded teamwork. Ability to develop. NET-based applications. [SU1] Assessment of task infilment IV6_W21_Knows and information applications, as well as the principles of human cooperation with computers and computer- alded teamwork. Ability to develop. NET-based applications. [SU1] Assessment of task infilment Subject contents IV6_F_U03_cold seign, according to rewinomment Ability to develop. NET-based applications. [SU1] Assessment of task infilment Subject contents IVET platform components introduction to C# Collections Ability to develop met ASP.NET sessions and script languages ASP.NET sessions and script languages ASP.NET web framework. ASP NET page lifecycle ASSMET page lifecycle and co-requisites Student must posess basic knowledge of modern object - oriented languages (JAVA, C++), relational databases and understanding concepts of developmet ADD.NET full as access layer Processing XML documents in .NET security in .NET Prerequisites and criteria Student must posess basic knowledge of modern object - oriented languages. Additionaly, student is expected to have mowledge of		understands, to an advanced extent, the principles, methods and techniques of programming and the principles of computer software development or programming devices or controllers using microprocessors or programmable elements or systems specific to the field of study, and organisation of systems using computers or such	language and actively uses basics			
required specifications, and make applications. fulfilment a simple device, facility, system applications. fulfilment field of study, using suitable methods, techniques, tools and materials, following engineering standards and norms, applying technologies specific to the field of study, using an experime agained in the professional engineering environment fulfilment Subject contents		[K6_W42] Knows and understands, to an advanced extent, architecture, design principles and methods of hardware and software support for local and distributed information systems, including computing systems, databases, computer networks and information applications, as well as the principles of human cooperation with computers and computer-				
Introduction to C# Collections ASP.NET - sessions and scritp languages ASP.NET page lifecycle ASP.NET controls Configuring web applications ASP.NET data access layer Processing XML documents in .NET Security in .NETPrerequisites and co-requisitesStudent must posess basic knowledge of modern object - oriented languages (JAVA, C++), relational databases and understanding concepts of developing web pages. Additionaly, student is expected to have knowledge of SQL and HTML languages.Assessment methods and criteriaSubject passing criteriaPassing thresholdPercentage of the final grade ProjectFroject50.0%33.0%Laboratory50.0%33.0%Recommended readingBasic literaturehttp://msdn.microsoft.com/pl-pl/ms348103.aspx		[K6_U03] can design, according to required specifications, and make a simple device, facility, system or carry out a process, specific to the field of study, using suitable methods, techniques, tools and materials, following engineering standards and norms, applying technologies specific to the field of study and experience gained in the professional engineering				
Introduction to C# Collections ASP.NET - sessions and scritp languages ASP.NET page lifecycle ASP.NET controls Configuring web applications ASP.NET data access layer Processing XML documents in .NET Security in .NETPrerequisites and co-requisitesStudent must posess basic knowledge of modern object - oriented languages (JAVA, C++), relational databases and understanding concepts of developing web pages. Additionaly, student is expected to have knowledge of SQL and HTML languages.Assessment methods and criteriaSubject passing criteriaPassing thresholdPercentage of the final grade ProjectFroject50.0%33.0%Laboratory50.0%33.0%Recommended readingBasic literaturehttp://msdn.microsoft.com/pl-pl/ms348103.aspx	Subject contents		1	•		
Indication databases and understanding concepts of developing web pages. Additionally, student is expected to have knowledge of SQL and HTML languages. Assessment methods and criteria Subject passing criteria Passing threshold Percentage of the final grade Project 50.0% 33.0% Exam 50.0% 34.0% Laboratory 50.0% 33.0%		Introduction to C# Collections ASP.NET - sessions and scritp languages ASP.NET page lifecycle ASP.NET controls Configuring web applications ASP.NET MVC - new approach to web developmet ADO.NET data access layer Processing XML documents in .NET				
and criteria Project 50.0% 33.0% Exam 50.0% 34.0% Laboratory 50.0% 33.0% Recommended reading Basic literature http://msdn.microsoft.com/pl-pl/ms348103.aspx	and co requisites	databases and understanding concepts of developing web pages. Additionally, student is expected to have				
and criteriaProject50.0%33.0%Exam50.0%34.0%Laboratory50.0%33.0%Recommended readingBasic literaturehttp://msdn.microsoft.com/pl-pl/ms348103.aspx		Subject passing criteria	Passing threshold	Percentage of the final grade		
Laboratory 50.0% 33.0% Recommended reading Basic literature http://msdn.microsoft.com/pl-pl/ms348103.aspx		, , , ,				
Recommended reading Basic literature http://msdn.microsoft.com/pl-pl/ms348103.aspx		Exam	50.0%	34.0%		
		Laboratory	50.0%	33.0%		
	Recommended reading	Basic literature	http://msdn.microsoft.com/pl-pl/ms348103.aspx			
Supplementary literature Inttp://www.asp.pet/det-started	. to sommer during	Supplementary literature	http://www.asp.net/get-started			

	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	