First level vocational higher education study program
"ARCHITECTURAL TECHNOLOGY" (Architectural Technologist) plan

Code	Course Title	Name, surname of the responsible teaching staff	CP	Layout					
				Year 1		Year 2		Year 3	
				Semester					
				1	2	3	4	5	6
Part A	**General study courses:**								
ATAM1,2	Advanced Mathematics	**A.Cimdiņa**	**4**	2	2				
ATTS3,4	Foreign Language	**T.Ozola**	**2**			1	1		
ATOVP4,5	Managerial Psychology and Professional Communication in Organizations	**G.Rostoka**	**2**				1	1	
ATUD4	Entrepreneurship	**M.Strādere**	**1**				1		
ATTGTG1,2	Descriptive Geometry and Technical Graphics	**A.Bērziņš**	**4**	3	1				
ATDVC5	Labour, Environmental and Civil Protection	**I.Ķīle**	**2**					2	
ATTP4	Basic Principles of Law	**A.Dreimane-Ozolzīle**	**1**				1		
ATLPV4	Legislation and Project Management	**S.Kvite-Belte**	**1**				1		
ATBSM1,2	Freehand Sketching and Modelling	**G.Vagners**	**3**	1	2				
			20						
Part B	***Courses of study in the field:***								
ATPB3	Practical Construction Physics	**I.Dimdiņa, J.Kauliņš**	**2**			2			
ATAUE4	Acoustics, Fire Safety, Energy Efficiency	**J.Kauliņš**	**1**				1		
ATBB1,2	Construction Materials and Construction Products	**S.Sviķe, L.Krāģe L.Rožlapa**	**3**	1	2				
ATBK2-5	Construction Structures	**E.Barone**	**4**		1	1	1	1	
ATBM1-3	Structural Analysis	**J.Kuža**	**4**	2	1	1			
ATG3	Geodesy	**N.Brutāne**	**1**			1			
ATEIPD4	Building Engineering Systems, Process Digitization	**I.Adelsbergs**	**2**				2		
ATBE5	Building Economics	**K.Ločs**	**2**					2	
ATBTDI5	Construction Technology and Digitisation of the Construction Process	**A.Bērziņš**	4					4	
ATAV1	History of architecture	**I.Tambaka**	**2**	2					
ATVEA3	Restoration of historic buildings, materials and structures	**I.Dirveiks**	**1**			1			
ATBIM2-4	BIM Fundamentals and Use, Innovative Technologies in Architecture and Construction	**I.Srazdiņš** **N.Grinbergs**	**3**		1	1	1		
ATADM1-5	Architectural Digital Modelling		**22**	4	4	6	4	4	
	Architectural Design and Digital Modelling	**I.Suhovilovs, G.Ābele, I.Reitāle, K.Manja, A.Dreimane-Ozolzīle**	**20**	4	4	4	4	4	
	Landscaping and Transport	**I.Gorda**	**1**			1			
	Cultural Heritage Values and Technologies	**G.Vagners**	**1**			1			
ATETDVI3	Building and Site Documentation and Visual Research	**E.Zavadska** **A.Klucis**	**2**			2			
ATET3,4	Typology of Buildings	**D.Medniece**	**2**			1	1		
ATTPP4	Fundamentals of Spatial Planning	**E.Zavadska**	**2**				2		
ATETVAP4,5	Renovation and Reconstruction of Buildings and Spatial Environment	**G.Ābele**	**2**				2		
		J.Niedre	**2**					2	
ATUTDL2,3	Architectural Surveying Technology	**S.Kvite-Belte, G.Ābele**	**2**		1	1			
ATMT1,2	Modelling Technologies	**G.Vagners**	**3**	1.5	1.5				
			66						
Part C	***Free elective study courses:***								
ATPHSH5	PHOTOshop	**U.Timpers**	**1**					1	
ATARCH5	ArchiCAD	**M.Valters**	**1**					1	
			1						
	Internship:								
ATIBIM1-5	BIM Fundamentals: AutoCAD REVIT BCF BIM Collaboration Format Solibri, BIMcollab ZOOM and Trimple Connect Recap	**I.Strazdiņš**	**7** **1.5** **3.5** **0.5** **1** **0.5**	1.5	2.5	1	0.5 0.5	0.5 0.5	
ATEKSM1-3	Building structural systems and modelling	**A.Dreimane-Ozolzīle**	**4**	2	1	1			
ATPP6	Design Practice	**I.Suhovilovs, G.Ābele** **I.Reitāle, K.Manja**	**10**						10
			21						
ATLP5	Applied research	**I.Suhovilovs, G.Ābele** **I.Reitāle, K.Manja**	**2**					2	
ATDP6	Diploma project		**10**						10
	Total:		**120**	**20**	**20**	**20**	**20**	**20**	**20**