

COURSE SYLLABUS	
Course code	1080-BU200-ISA-0151
Course name	Technical Drawing II
Course version	2026L
Level of education	first cycle programme
Form and mode of study	full-time study
Study profile	general academic profile
Field of study	Civil Engineering
Specialisation	-
Organizational unit	The Faculty of Civil Engineering
Implementing unit	The Faculty of Civil Engineering
Course unit	n/a
Course groups	-
Course status	Obligatory
Language of the course	English
Study stage code	BU000-S2-ISA-1080
Number of ECTS credits	2

Part I

01. Learning outcomes and the method of conducting classes

Learning outcomes	see table "Learning outcomes"
Forms of classes and the number of hours in the semester	
classes in a computer lab	30,00 h

02. ECTS balance

Number of ECTS credits	2	
Course workload	Hours	ECTS
Total number of hours and ECTS credits for the course:		
Hours and ECTS credits for courses involving direct participation of academic teachers	32	1,28
Hours and ECTS credits involving student's independent work	18	0,72
Total	50	2,00
Number of hours involving direct participation of academic teachers:		
Hours connected with class participation	30	
Other synchronous hours	2	
Total	32	
Number of hours involving student's independent work:		
Hours for student's independent work	18	

03. Course content

Course content	To provide basic knowledge and to provide students with practical skills in technical drawing, and the ability to use computer programs that support design, particularly AutoCad. The subject is intended for students of the 2nd semester of the 1st year. The discussed topics and the scope of developing design exercises performed using AutoCad software prepare students for design tasks in the senior years of studies in the field of construction and are a basis for future professional work.
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Table: Learning outcomes

Knowledge	
Outcomes code	W1

Part I	
Description	Knows the principles of technical drawing concerning recording and reading construction drawings and their preparation, including the use of CAD (AutoCad program support). Knows the basic principles concerning the design (technology, selection of building materials) of single-family buildings. Knows the basic standards, regulations and guidelines for the design of single-family houses.
Related field-of-study learning outcomes	K1_W05
Skills	
Outcomes code	U1
Description	Is able to prepare and interpret construction and architectural drawings in the environment of selected CAD programs and freehand. Is able to interpret drawings related to related industries.
Related field-of-study learning outcomes	K1_U04, K1_U11, K1_U25
Outcomes code	U2
Description	The student is able to use basic standards, regulations and design guidelines necessary to prepare construction documentation for a single-family home. Is able to obtain information on construction from literature.
Related field-of-study learning outcomes	K1_U18
Outcomes code	U3
Description	Student can work independently.
Related field-of-study learning outcomes	K1_U25
Social competence	
Outcomes code	K1
Description	The student is ready to improve his/her competences and solve problems independently or in consultation with the teacher.
Related field-of-study learning outcomes	K1_K02, K1_K03

Part II	
04. Year and semester of studies	
Year	2026L
Semester	2
05. Course leader and course teachers	
Course leader	Eliza Maciejewska
classes in a computer lab	Eliza Maciejewska
06. Course objective	
Course objective	Providing basic knowledge and acquiring practical skills in technical drawing by the student, as well as the ability to use computer programs supporting design, in particular AutoCad.
07. Teaching methods and techniques	
classes in a computer lab	Tests of knowledge, skills and competences, grades for homework and projects
08. Methods of verifying learning outcomes	
Knowledge	
Outcomes code	W1
Description	Knows the principles of technical drawing concerning recording and reading construction drawings and their preparation, including the use of CAD (AutoCad program support). Knows the basic principles concerning the design (technology, selection of building materials) of single-family buildings. Knows the basic standards, regulations and guidelines for the design of single-family houses.

Part II	
Verification methods	classes in a computer lab: credit:Tests of knowledge, skills and competences, grades for homework and projects
Skills	
Outcomes code	U1
Description	Is able to prepare and interpret construction and architectural drawings in the environment of selected CAD programs and freehand. Is able to interpret drawings related to related industries.
Verification methods	classes in a computer lab: credit:Tests of knowledge, skills and competences, grades for homework and projects
Outcomes code	U2
Description	The student is able to use basic standards, regulations and design guidelines necessary to prepare construction documentation for a single-family home. Is able to obtain information on construction from literature.
Verification methods	classes in a computer lab: credit:Tests of knowledge, skills and competences, grades for homework and projects
Outcomes code	U3
Description	Student can work independently.
Verification methods	classes in a computer lab: credit:Tests of knowledge, skills and competences, grades for homework and projects
Social competence	
Outcomes code	K1
Description	The student is ready to improve his/her competences and solve problems independently or in consultation with the teacher.
Verification methods	classes in a computer lab: credit:Tests of knowledge, skills and competences, grades for homework and projects
09. Required and recommended reading list	
Required reading	[1] Zbiór Polskich Norm „Rysunek techniczny budowlany”
Recommended reading	Available reference materials
10. Other information	
Other information	In according to the course regulations