Basic data of the subject	
Academic unit:	**Faculty of Architecture, Design and Wood Technology**
Program:	**Interior Architecture and Furniture Design**
Title of the subject:	**Technical Drawing & Descriptive Geometry**
Level:	**Bachelor**
Course Status:	**Mandatory**
Year of studies:	**I**
Number of hours per week:	**3**
Value of Credits - ECTS:	**6**
Time / location:	**UASF**
Course lecturer:	
Contact details:	
Course Description	Knowledge of technical standards. Technical drawing. Formats, proportions, tables. Construction of geometric objects. Technical Writing. Dimensioning and Quoting. Technical drawing rules. Cuts. Sketching. Presentation of technical drawings. Descriptive geometry. Projection of geometric elements. Cutting the objects.
Objectives of the course:	The aim of this course is to provide students with basic knowledge of engineering graphics.
Expected learning outcomes:	After the completion of this module, students will be able to: • know the technical letters, sorts of lines, types of paper, formats, tables, • understand the drawing and sketching of various geometric constructions, • apply dimensional rules, layout of points, lines, and objects in space, • create technical and engineering drawings, successfully develop engineering projects using technical drawing knowledge.

Contribution to the student load (which must correspond with learning outcomes)

Activity	**Hour**	**Day/Week**	**In total**
Lectures	2	15	30
Theoretical exercises / laboratory	1	15	15
Internship	1	15	15
Contacts with teacher / consultations	1	1	1
Field exercises	1	5	5
Midterm, seminars and projects.	2	2	4

Homework	3	8	24
Self-learning time student (at the library or at home)	3	10	30
Final preparation for the exam	8	3	18
Time spent on evaluation (tests, quiz and final exam)	2	2	4
Projects and presentations	4	1	4
Total			**150**

Teaching methodology:	Lectures through presentations, exercises tasks and examples, seminars, discussions.
Assessment methods:	Attendance 10%, Class activities 20%, Graphic tasks 50%, Final exam 20%.Total 100%
Literature	
Basic Literature:	[1] Bajraktari M. dhe Doçi I. Grafika Inxhinierike, Prishtinë, 2014. [2]Wiliam P. Spence: Drafting Technology and Practice, Peoria, Ilinois, 1980. [3] K.C. John, Engineering Graphics for Diploma, PHI Learning Private Limited, 2009. [4] Bajraktari M. dhe Doçi I. Vizatimi Teknik, Prishtinë, 2010
Additional Literature:	[1] Hoischen H. Technisches Zeichnen, Grundlagen, Normen, Beispeiele Darstellende Geometrie, Comelsen, 2002. [2] Bajraktari M. dhe Doçi I. Prezentime nga Grafika Inxhinierike, Prishtinë, 2014.
The ratio of theory and practice	Theory: 30%; Practice: 70%

Designed learning plan	
Week:	**Lectures and exercises to be held**
Week one:	Introduction to Engineering Graphics. Information of the course. Seminar tasks.
Week two:	Types of drawings. Standards. Standard numbers.
Week three:	Types of lines. Drawing formats. The proportion on technical drawing.
Week four:	Drawing of geometric constructions. Constructing lines and angles. Construction of arcs and tangents. Curve construction: ellipse, parabola, hyperbola, cycloid, spiral, helix.
Week five:	Technical letters. Types of writing. Symbols.
Week six:	Dimensioning. Dimensioning and quotation rules.
Week seven:	Materials in technical drawing. Quality of surfaces

	and signs of quality.
Week eight:	Intermediate I test
Week nine:	Projections. Types of projections. Isometric Projection and Perspectives.
Week ten:	Cutting. Object cutting in different planes.
Week eleven:	Drawing presentation. Sketching. Presentation of drawing. Presentation of details in three orthogonal projections.
Week twelve:	Presentation of objects in technical drawing with all elements. Different examples.
Week thirteen:	Point projections. Line projections. Design of curves.
Week fourteen:	Projections of objections. Cutting of objections.
Week fifteen:	Intermediate II test.

Academic policies and rules of conduct
Regular attendance, tranquility and active engagement in dialogue during lectures and exercises are obligatory. As a matter of courtesy, mobile phones should be switched off during classes and exams.