Course Syllabus

Code - Course Title	**MAT134 - Vocational Mathematics**
Course Type	I. SEMESTER
Laboratory + Practice	3+1
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ SİBEL BÜYÜKTİRYAKİ

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course
Work Placement	Not applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Natural Numbers, Real Numbers	
Week - 2		Divisibility Rules	
Week - 3		Prime Numbers, Disequilibrium	
Week - 4		Rational numbers	
Week - 5		Equations, numerical value	
Week - 6		Powered numbers	
Week - 7		Root numbers	
Week - 8		Identity and factorization	
Week - 9		Concept of Proportion	
Week - 10		equations	
Week - 11		Number-Age-percentage-motion problems	
Week - 12		Concepts of Mixing and Composition; Calculations of Proportional Division.	
Week - 13		Cost and Sales Calculations: Calculating the profit based on the rate of cost value, Calculating the loss, Calculating the profit based on the rate of sales price, , Calculating the total amount of loss; Calculation of Cost and Sales Prices	
Week - 14		Interest Calculations: Simple and compound interest calculations; Discount Calculations	

Learning Outcomes

#	Learning Outcome
1	Natural Numbers, Real Numbers
2	Divisibility Rules
3	Prime Numbers
4	Rational numbers
5	Equations, numerical value
6	Powered numbers
7	Root numbers
8	Identity and factorization
9	Concept of Proportion

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**