

Department of Computer Technologies / Department of Computer Technologies /						
Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
BİL203	OBJECT - ORIENTED PROGRAMMING II	3.00	1.00	0.00	4.00	5.00
Course Detail						
Course Language	: Turkish					
Qualification Degree	: PreBachelor					
Course Type	: Compulsory					
Preconditions	: Not					
Objectives of the Course	: To teach basic tecniques of OOP. To provide a structured support for students' research activity. To encourage students to develop skills of oral presentation.					
Course Contents	: implementation, record implementation, character string, stack, queue, tree and set implementations. Object Oriented Programming.Programming methodology: Specification, design, coding, program correctness. Review of data types: scalar types, structured types.					
Recommended or Required Reading	: Bilgisayar					
Planned Learning Activities and Teaching Methods	: Lectures and application, Oral Presentation, Case study, Project.					
Course Instructors	: Öğr. Gör. Dr. Kadir Haltaş					
Presentation Of Course	: Face to face					
Update Date	: 10/10/2025 11:10:43 AM					
Dosya İndirilme Tarihi	: 10/10/2025					

Course Outcomes
Upon the completion of this course a student :
1 Can produce advanced computer programs by using OOP technics.
2 Can know the definition of class in OOP
3 Can develop the class functions

Pre / Side Conditions							
Course Code	Course Name	Condition	Teorical	Practice	Laboratory	Credits	ECTS

Weekly Contents						
	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
1.Week	*Concept of "class"	*Concept of "class"	*Concept of "class"	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp : 324-333	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.2 Ö.Ç.2 Ö.Ç.2 Ö.Ç.2
2.Week	*Concept of "object"	*Concept of "object"	*Concept of "object"	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp:334-338	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.2 Ö.Ç.2 Ö.Ç.2 Ö.Ç.2
3.Week	*Constructor methods	*Constructor methods	*Constructor methods	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp : 339-348	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3
4.Week	*Constructor methods	*Constructor methods	*Constructor methods	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp : 339-348	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3
5.Week	*"this" keyword	*"this" keyword	*"this" keyword	*Yeni başlayanlar için C# ile nesne tabanlı programlama - ppf: 367 - 370	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3
6.Week	*Inheritance	*Inheritance	*Inheritance	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp :377 - 388	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3
7.Week	*Inheritance	*Inheritance	*Inheritance	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp :377 - 388	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
9.Week	*Encapsulation	*Encapsulation	*Encapsulation	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp: 350-357	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3
10.Week	*Encapsulation	*Encapsulation	*Encapsulation	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp: 350-357	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3
11.Week	*Polymorphism	*Polymorphism	*Polymorphism	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp: 388-391	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3
12.Week	*Polymorphism	*Polymorphism	*Polymorphism	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp: 388-391	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3
13.Week	*Abstracion and interfaces	*Abstracion and interfaces	*Abstracion and interfaces	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp : 391-396	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3
14.Week	*Abstracion and interfaces	*Abstracion and interfaces	*Abstracion and interfaces	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp : 391-396	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3
15.Week	*Abstracion and interfaces	*Abstracion and interfaces	*Abstracion and interfaces	*Yeni başlayanlar için C# ile nesne tabanlı programlama - pp : 391-396	*Lectures and application, Oral Presentation, Case study, Project.	Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3 Ö.Ç.1 Ö.Ç.3

Assesment Methods %
1 Ara Sınav : 40.000
3 Final : 60.000

ECTS Workload
ActivitiesCountTime(Hour)Sum of Workload
Vize11.001.00

Activities	Count	Time(Hour)	Sum of Workload
Final	1	1.00	1.00
Derse Katılım	14	4.00	56.00
Diğer	5	3.00	15.00
Ara Sınav Hazırlık	4	5.00	20.00
Final Sınavı Hazırlık	5	5.00	25.00
Ders Öncesi Bireysel Çalışma	14	1.00	14.00
Uygulama / Pratik	6	3.00	18.00
Total :			150.00
Sum of Workload / 30 (Hour) :			5
ECTS :			5.00

Program And OutcomeRelation															
	P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11	P.O. 12	P.O. 13	P.O. 14	P.O. 15
L.O. 1	0	0	0	5	0	0	0	0	0	0	5	0	0	0	0
L.O. 2	0	0	0	5	0	0	0	0	0	0	5	0	0	0	0
L.O. 3	0	0	0	5	0	0	0	0	0	0	5	0	0	0	0
Avarage	0	0	0	5.00	0	0	0	0	0	0	5.00	0	0	0	0

BEWARE OF PLAGIARISM! Please pay attention to proper academic citation rules and avoid plagiarism, an unethical and academically fraudulent behavior, when completing reports, assignments, or other academic works, and it is treated with the same disciplinary action as cheating in a classroom setting. It is imperative to refrain from presenting another person s ideas, language, expressions, or any other form of intellectual property as your own. Regardless of quality, your assignments/projects/research should reflect your original work. Perfection is not a requirement, and in case of any uncertainties regarding academic writing guidelines, you may seek clarification from your course instructor.

Engel Durumu/Uyarlama Talebi : Engel durumuna ilişkin herhangi bir uyarlama talebinde bulunmak isteyen öğrenciler, dersin öğretim elemanı ya da Nevsehir Engelli Öğrenci Birimi ile en kısa sürede iletişime geçmelidir.