

Department of Computer Technologies / Department of Computer Technologies /						
Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
BİL201	VISUAL 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	: With this course, the student, developing database applications with visual programming, application deployment packages are aimed to gain qualifications related to the preparation.					
Course Contents	: Connect to Local Database and list the data, Manipulate the data in the local database, Reach requested record / records in the local database, Manipulate the data in the remote database, Make simple queries, Make statistical queries, Obtain Graphs from the database, Reporting to the database, Create and add the component, Prepare Help Files, Prepare the database installation kit, Prepare the program installation kit					
Recommended or Required Reading	: Ders Kitabı, Projeksiyon, Computer					
Planned Learning Activities and Teaching Methods	: Lecture, Demonstration, Question & Answer, Discussion, Problem Solving, Project-Based Learning, Individual Learning					
Course Instructors	: Öğr. Gör. Dr. Kadir Haltaş					
Presentation Of Course	: Face to face					
Update Date	: 10/10/2025 11:12:03 AM					
Dosya İndirilme Tarihi	: 10/10/2025					

Course Outcomes
Upon the completion of this course a student :
1 Work with local database.
2 Can work with a remote database.
3 Can make advanced applications.

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	*Reminding of Windows Form structure	*Reminding of Windows Form structure	*Reminding of Windows Form structure	*C# 9.0 Sıfırdan İleri Seviye Programlama - pp : 265-387	*Expression / Question-Answer	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3
2.Week	*Reminding of Windows Form structure	*Reminding of Windows Form structure	*Reminding of Windows Form structure	*C# 9.0 Sıfırdan İleri Seviye Programlama - pp : 265-387	*Expression / Question-Answer	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3
3.Week	*Database connection methods and necessary libraries	*Database connection methods and necessary libraries	*Database connection methods and necessary libraries	*C# 9.0 Sıfırdan İleri Seviye Programlama - pp: 519 - 587	*Expression / Question-Answer	Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2
4.Week	*Connecting to local database using Entity Framework	*Connecting to local database using Entity Framework	*Connecting to local database using Entity Framework	*C# 9.0 Sıfırdan İleri Seviye Programlama -pp :749 - 808	*Expression / Question-Answer	Ö.Ç.1 Ö.Ç.1 Ö.Ç.1 Ö.Ç.1 Ö.Ç.1
5.Week	*Connecting to local database using Entity Framework	*Connecting to local database using Entity Framework	*Connecting to local database using Entity Framework	*C# 9.0 Sıfırdan İleri Seviye Programlama -pp :749 - 808	*Expression / Question-Answer	Ö.Ç.1 Ö.Ç.1 Ö.Ç.1 Ö.Ç.1 Ö.Ç.1

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
6.Week	*Creating a model using Entity Framework	*Creating a model using Entity Framework	*Creating a model using Entity Framework	*C# 9.0 Sıfırdan İleri Seviye Programlama -pp :749 - 808	*Expression / Question-Answer	Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2
7.Week	*Creating a model using Entity Framework	*Creating a model using Entity Framework	*Creating a model using Entity Framework	*C# 9.0 Sıfırdan İleri Seviye Programlama -pp :749 - 808	*Expression / Question-Answer	Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2
9.Week	*Binding data to windows form components	*Binding data to windows form components	*Binding data to windows form components	*C# 9.0 Sıfırdan İleri Seviye Programlama -sf :283 - 284	*Expression / Question-Answer	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	*Sample application development	*Sample application development	*Sample application development	*C# 9.0 Sıfırdan İleri Seviye Programlama -sf :815 - 831	*Anlatım / Soru – Cevap, Practice	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	*Generic classes and methods	*Generic classes and methods	*Generic classes and methods	*C# 9.0 Sıfırdan İleri Seviye Programlama -sf :401 - 425	*Expression / Question-Answer	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3
12.Week	*Basic generic classes and methods that can be used with Entityframework	*Basic generic classes and methods that can be used with Entityframework	*Basic generic classes and methods that can be used with Entityframework	*C# 9.0 Sıfırdan İleri Seviye Programlama -sf :808 - 815	*Expression / Question-Answer	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3
13.Week	*Basic generic classes and methods that can be used with Entityframework	*Basic generic classes and methods that can be used with Entityframework	*Basic generic classes and methods that can be used with Entityframework	*C# 9.0 Sıfırdan İleri Seviye Programlama -sf :808 - 815	*Expression / Question-Answer	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3
14.Week	*Sample data service writing	*Sample data service writing	*Sample data service writing	*C# 9.0 Sıfırdan İleri Seviye Programlama -sf :815 -816	*Expression / Question-Answer	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3
15.Week	*Sample application development	*Sample application development	*Sample application development	*C# 9.0 Sıfırdan İleri Seviye Programlama -sf :815 - 834	*Expression / Question-Answer	Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3 Ö.Ç.3

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

ECTS Workload			
Activities	Count	Time(Hour)	Sum of Workload
Vize	1	1.00	1.00
Final	1	1.00	1.00
Derse Katılım	14	4.00	56.00
Uygulama / Pratik	5	4.00	20.00

Activities	Count	Time(Hour)	Sum of Workload
Ders Öncesi Bireysel Çalışma	14	1.00	14.00
Ara Sınav Hazırlık	2	5.00	10.00
Final Sınavı Hazırlık	2	5.00	10.00
Ev Ödevi	6	4.00	24.00
Ders Sonrası Bireysel Çalışma	14	1.00	14.00
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	0	0	4	4	0
L.O. 2	0	0	0	5	0	0	0	0	0	0	0	0	4	4	0
L.O. 3	0	0	0	5	0	0	0	0	0	0	0	0	4	4	0
Avarage	0	0	0	5.00	0	0	0	0	0	0	0	0	4.00	4.00	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.