Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
IT 511	Object Oriented Programming	1	4	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	English
Course Type	Compulsory
Course Level	Masters Degree
Objective	This course consists of object oriented programming meaning, concepts and pratical realizations.
Content	Object Oriented Programming Essentials Encapsulation and Realization Abstraction and Realization Inheritance and Realization Polymorphism and Realization Midterm Exam Class, Method and Object Relations. Object Oriented Analysis and Design Object Oriented Programming Realizations with Examples 1 Object Oriented Programming Realizations with Examples 2 Object Oriented Programming Realizations with Examples 3
References	1. Java Programlama Dili ve Yazılım Tasarımı, Altuğ Bilgin Altuntaş, Papatya Yayıncılık, 2014. 2. Java SE 7, Herbert Schildt, Alfa Yayıncılık, 2012. 3. Java, Numan Pekgöz, Pusula Yayıncılık, 2003. 4. Java Uygulamaları, David Flanagan, Pusula Yayıncılık, 2004. 5. Java ile Programlama ve Veri Yapıları, Bülent Çobanoğlu, Pusula Yayıncılık, 2013. 6. Blog Yazılarım, 4. Sürüm, Özcan Acar, Pratik Programcı Yayınları, Nisan 2015. 7. Java ile Nesneye Yönelik Programlama, Oğuz Aslantürk, (free) Ebook. 8. Yazılım Mühendisliğine Giriş, Aybar Karaçay, Deniz Karaçay ve Prof. Dr. Timur Karaçay, Abaküs Yayınları, 2016. 7. SCRUM, Agile Proje Yönetimi, Mehmet Yitmen, Seçkin Yayıncılık, 2017. 8. Felsefenin Kısa Tarihi, Nigel Warburton, Alfa Yayınları, 2017.

Theory Topics

Week	Weekly Contents