Course Syllabus

Code - Course Title	**AYG114 - Server Components and Management**
Course Type	II. SEMESTER
Laboratory + Practice	2+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ MESUT AYDEMİR

Mode of Delivery	Face to face
Prerequisites	Basic Mathematical Knowledge
Courses Recomended	Basic Mathematical Knowledge
Recommended Resources	Faculty Recommendation
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Server Concepts and Basic Functions	
Week - 2		Server Types and Comparison	
Week - 3		Server Installation and Configuration	
Week - 4		Server Security and Performance	
Week - 5		Monitoring and Troubleshooting Server Services	
Week - 6		Server Backup and Recovery Strategies	
Week - 7		Server Management Tools and Applications	
Week - 8		Best Practices in Server Management	
Week - 9		Server Security Updates and Applications	
Week - 10		Server Performance Optimization	
Week - 11		Automation Tools in Server Management	
Week - 12		Server Services Migration and Reconfiguration	
Week - 13		Server Backup Strategies and Applications	
Week - 14		Server Security and Monitoring	

Learning Outcomes

#	Learning Outcome
1	You will gain basic knowledge about the installation, configuration, and management of server components.
2	Understands the differences between various server types and can explain their functions.
3	Understands the fundamental concepts related to server security and performance and follows the applications.
4	Understands and implements server service monitoring, troubleshooting, and backup strategies.
5	Possesses the ability to effectively implement server management processes.

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.