

GENEL TANIM / GENERAL DESCRIPTION

Ders Adı / Course Name	Introduction to Marine Archaeology / Introduction to Marine Archaeology	
Ders Kodu / Course Code	9201065012013	
Ders Türü / Course Type		
Ders Seviyesi / Course Level	Second Cycle / Second Cycle	
Ders Akts Kredi / ECTS	6.00	
Haftalık Ders Saati (Kuramsal) / Course Hours For Week (Theoretical)	3.00	
Haftalık Uygulama Saati / Course Hours For Week (Objected)	0.00	
Haftalık Laboratuvar Saati / Course Hours For Week (Laboratory)	0.00	
Dersin Verildiği Yıl / Year	1	
Öğretim Sistemi / Teaching System	Face to Face / Face to Face	
Eğitim Dili / Education Language	Turkish / Turkish	
Ön Koşulu Olan Ders(ler) / Precondition Courses	Yok	None
Amacı / Purpose	Bu dersin amacı arkeolojinin bir alt dalı olan deniz arkeolojisinin Avrupa ve ülkemizdeki gelişimi hakkında öğrenciye bilgi vermenin yanında yeni tekniklerin derste sunulmasıyla sualtında gerçekleştirilen çalışmalarda arkeolojinin temel bilimlerle ilişkilerinin tartışılmasını sağlamaktır.	The aim of the course is to inform students about the development of underwater archaeology in Turkey and Europe in addition of the presentation of new techniques used in underwater archaeology works, and to discuss the relationship of archaeology with basic sciences.
İçeriği / Content	Ders kapsamında sualtı arkeolojisinin temel kavramları olan deniz ve denizcilik arkeolojisinin temelleri ve ilk örneklerinden başlamak üzere bu bilim dalının tarihsel gelişimi anlatılacaktır. Bu kapsamda Avrupa'da özellikle göl ve nehirlerde başlayan ve teknolojinin gelişimine paralel olarak 20. yy'ın ikinci yarısından sonra ağırlıklı olarak Akdeniz'de sürdürülen arkeolojik çalışmalarda kullanılan teknikler öğrenciye sunulacaktır.	The course contents the basis of the basic notions to marine and maritime archaeology, starting with early examples and the historical development of this science. In this context, the underwater archaeological investigations and techniques, starting with the lakes and rivers and with development of the technology, executed especially in Mediterranean in the second half of 20th century is planned to be taught.
Önerilen Diğer Hususlar / Recommended Other Considerations	Yok	None
Staj Durumu / Internship Status	Yok	None

<p>Kitap / Malzemesi / Önerilen Kaynaklar / Books / Materials / Recommended Reading</p>	<p>Yardımcı Eserler: Bass, G. Su Altında Arkeoloji, İstanbul 2003 Bound M., "The Pre-Classical Wreck at Campese Bay, Island of Giglio. First Season Report", Paoli F. (ed.), Studi e Materiali. Scienza dell'antichità in Toscana, Vol. VI, L'Erma di Bretschneider, Roma, s. 181-198 Casson, L., Antik Çağda Denizcilik ve Gemiler, İstanbul 2002. Joncheray, J.P., Long, L., "L'épave profonde Heliopolis 2-Nord Levant (Var.-80 m), Une fouille d'épave à l'aide de plongeurs à saturation et d'un sous-marin d'observation", Cahiers D'Archeologie Subaquatique, Numero XIV, 2002, s. 131-159. Long, L., Sourisseau J.Ch., "Epave de Bon Porté", Les Etrusques en mer, Musées de Marseille-Edisud, 2002, s. 43-47. Long, L., Sourisseau J.Ch., "Epave de Dattier", "Epave de Pointe Lequin 1A", "Epave Grand Ribaud F", "Epave de Pointe Lequin 1B", "Epave de Sausset 1", "Epave Ile des Embiez 1", Les Etrusques en mer, Musées de Marseille-Edisud, 2002, s. 49-67. Long, L., Gantes, F., Drap, P., "Premier resultats archeologiques sur l'épave grand Ribaud F", Cahiers D'Archeologie Subaquatique, Numero XIV, 2004, s. 6-40. Micha, P., "Amphora Shipwrecks in the Aegean- A Database of the Ephorate of Underwater Antiquities", SKYLLIS, 7. Jahrgang 2005/06, Heft 1-2, s. 82-93 McCann, A.M., Freed, J., Deep Water Archaeology: A Late-Roman Ship From Carthage and an Ancient Trade Route Near Skerki Bank off Northwest Sicily, Ann Arbor 1994 Parker, A.J., "Stratification and Contamination in Ancient Mediterranean Shipwrecks", NA 10.4, 1981, s. 309-335. Owen, I.D., "Picking up the Pieces. The Salvage Excavations of a Looted Fifth Century B.C. Shipwreck in the Straits of Messina", Expedition, 13:1 (1970:Fall), s. 24-29. Parker, A.J., Ancient Shipwrecks of the Mediterranean & the Roman Provinces, BAR International Series 580, Oxford 1992, s.1-547. Pollino, A., "L'épave de la Tradeliere", L'Exploitation de la Mer, Viemes Rencontres Internationales d'Archéologie et d'Histoire, Antibes, Octobre 1985, Juin-les-Pins 1986, s.171-189. Pomey, P., "Les épaves antiques de Méditerranée", Amphora a la Mer, Epaves Grecques et Etrusques, Exposition du 13 Mai au 27 Novembre 2005, Hauterive 2005, s. 24-31 Starr, C.G., Antikçağda Deniz Gücü, İstanbul 2000 Stager, L., "Phoenician Shipwrecks in the Deep Sea", Sea Routes Interconnections in the Mediterranean 16th-6th c. BC, PLOES, Creete 29th - October 2nd 2002, Athens 2003, s. 233-247 Van Doorninck, "Rthe Medieval Shipwreck at Serçe Limani: An Early 11th-century Fatimid-Byzantine Commercial Voyage", Graeco-Arabica, Vol.IV, Atina 1991, s. 45-52. Zelenko, S., "The Shipwrecks of 9-11 Centuries A.D. in Sudak Bay", Morskaya Torgoviya v Severnam Prichernomorie, Kiev 2001, s. 82-92. (Rusça) Zelenko, S., Morozova, Y., "Amphorae Assemblage from the 13th Century Shipwreck in the Black Sea, near Sudak", Patabs I - Production and Trade of Amphorae in the Black Sea, (ed.) D. Kassab Tezgör, N. Inaishvili, Actes de la Table Ronde internationale de Batomi et Trabzon, 27-29 Avril 2006, İstanbul 2010, s. 81-84.</p>	<p>Selected bibliography: Bass, G. Su Altında Arkeoloji, İstanbul 2003. Bound M., "The Pre-Classical Wreck at Campese Bay, Island of Giglio. First Season Report", Paoli F. (ed.), Studi e Materiali. Scienza dell'antichità in Toscana, Vol. VI, L'Erma di Bretschneider, Roma, p. 181-198 Casson, L., Antik Çağda Denizcilik ve Gemiler, İstanbul 2002. Joncheray, J.P., Long, L., "L'épave profonde Heliopolis 2-Nord Levant (Var.-80 m), Une fouille d'épave à l'aide de plongeurs à saturation et d'un sous-marin d'observation", Cahiers D'Archeologie Subaquatique, Numero XIV, 2002, p. 131-159. Long, L., Sourisseau J.Ch., "Epave de Bon Porté", Les Etrusques en mer, Musées de Marseille-Edisud, 2002, p. 43-47. Long, L., Sourisseau J.Ch., "Epave de Dattier", "Epave de Pointe Lequin 1A", "Epave Grand Ribaud F", "Epave de Pointe Lequin 1B", "Epave de Sausset 1", "Epave Ile des Embiez 1", Les Etrusques en mer, Musées de Marseille-Edisud, 2002, p. 49-67. Long, L., Gantes, F., Drap, P., "Premier resultats archeologiques sur l'épave grand Ribaud F", Cahiers D'Archeologie Subaquatique, Numero XIV, 2004, p. 6-40. Micha, P., "Amphora Shipwrecks in the Aegean- A Database of the Ephorate of Underwater Antiquities", SKYLLIS, 7. Jahrgang 2005/06, Heft 1-2, p. 82-93 McCann, A.M., Freed, J., Deep Water Archaeology: A Late-Roman Ship From Carthage and an Ancient Trade Route Near Skerki Bank off Northwest Sicily, Ann Arbor 1994 Parker, A.J., "Stratification and Contamination in Ancient Mediterranean Shipwrecks", NA 10.4, 1981, p. 309-335. Owen, I.D., "Picking up the Pieces. The Salvage Excavations of a Looted Fifth Century B.C. Shipwreck in the Straits of Messina", Expedition, 13:1 (1970:Fall), s. 24-29. Parker, A.J., Ancient Shipwrecks of the Mediterranean & the Roman Provinces, BAR International Series 580, Oxford 1992, p.1-547. Pollino, A., "L'épave de la Tradeliere", L'Exploitation de la Mer, Viemes Rencontres Internationales d'Archéologie et d'Histoire, Antibes, Octobre 1985, Juin-les-Pins 1986, p.171-189. Pomey, P., "Les épaves antiques de Méditerranée", Amphora a la Mer, Epaves Grecques et Etrusques, Exposition du 13 Mai au 27 Novembre 2005, Hauterive 2005, p. 24-31 Starr, C.G., Antikçağda Deniz Gücü, İstanbul 2000 Stager, L., "Phoenician Shipwrecks in the Deep Sea", Sea Routes Interconnections in the Mediterranean 16th-6th c. BC, PLOES, Creete 29th - October 2nd 2002, Athens 2003, p. 233-247 Van Doorninck, "Rthe Medieval Shipwreck at Serçe Limani: An Early 11th-century Fatimid-Byzantine Commercial Voyage", Graeco-Arabica, Vol.IV, Atina 1991, s. 45-52. Zelenko, S., "The Shipwrecks of 9-11 Centuries A.D. in Sudak Bay", Morskaya Torgoviya v Severnam Prichernomorie, Kiev 2001, p. 82-92. Zelenko, S., Morozova, Y., "Amphorae Assemblage from the 13th Century Shipwreck in the Black Sea, near Sudak", Patabs I - Production and Trade of Amphorae in the Black Sea, (ed.) D. Kassab Tezgör, N. Inaishvili, Actes de la Table Ronde internationale de Batomi et Trabzon, 27-29 Avril 2006, İstanbul 2010, p. 81-84.</p>
<p>Öğretim Üyesi (Üyeleri) / Faculty Member (Members)</p>	<p>Prof. Dr. Ahmet Kaan ŞENOL</p>	

ÖĞRENME ÇIKTILARI / LEARNING OUTCOMES

0	1.Deniz Arkeolojisinin dünyadaki gelişimi hakkında bilgi edinmek.	1.To have knowledge about the innovation of Marine Archaeology in the world.
1	2.İnsanlık tarihinin deniz, göl ve nehirlerde bulunan kanıtları hakkında önbilgi sahibi olmak.	2.To reach the data of the archaeological evidence found from sea, lakes and rivers.
2	3.Akdeniz'de bulunan ve araştırmaları tamamlanmış batıkları tanımak.	3.Identifying the shipwrecks found in Mediterranean Sea.
3	4.Antik dönem denizciliği hakkında bilgi sahibi olmak.	4.To have knowledge about maritime in Antiquity.
4	5.Batık stratigrafisinin (tabakalaşması) görüldüğü örnekleri tanımak.	5.Identifying the stratigraphy of the shipwrecks in Mediterranean Sea.

HAFTALIK DERS İÇERİĞİ / DETAILED COURSE OUTLINE

Hafta / Week					
1	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Ders konularının incelenmesi, öğrenciye kaynakça verilmesi.	Ders içeriğinin incelenmesi			
	Examining the concept of the program and presenting the bibliography.	Searching the concept of the courses.			
2	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Nautical (Gemi) arkeoloji, Marine (Deniz) arkeolojisi, Maritime (Denizcilik) arkeolojisi, River-Lake (Nehir, Göl) arkeolojisi gibi kavramların tanıtılması ve dünyadaki örneklerinin incelenmesi	Okuma: Bass, G.F., (ed.) A History of Seafaring Based on Underwater Archaeology, New York, London 1972			
	Discuss the Nautical, Marine, Maritime, River-Lake Archaeology and investigating the samples in the world.	Reading: Bass, G.F., (ed.) A History of Seafaring Based on Underwater Archaeology, New York, London 1972			
3	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Sualtındaki ilk çalışmaların incelenmesi	Okuma: Bass, G.F., (ed.) A History of Seafaring Based on Underwater Archaeology, New York, London 1972			
	Investigating the first attempts of underwater studies.	Reading: Muckelroy, K., Maritime Archaeology, Cambridge University Press, 1978.			
4	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Ortaçağ'dan günümüze sualtındaki çalışmaların tanıtılması	Okuma: Illsley, J.S., An Indexed Bibliography of Underwater Archaeology and Related Topics. International Maritime Archaeology Series, Vol. III. University of Oxford: Towbridge, 1996.			
	History of Marine Archaeology	Reading: Illsley, J.S., An Indexed Bibliography of Underwater Archaeology and Related Topics. International Maritime Archaeology Series, Vol. III. University of Oxford: Towbridge, 1996.			

	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
5	Seminer				
	Seminer				
	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
6	Sualtında kullanılan ekipmanın tarih içindeki gelişimi	Okuma: Gianfrotta, P.A., Pomey, P., L'archéologie sous la mer, Paris 1981 ; Irmeli Vuorela (ed.) Scientific methods in underwater archaeology: Proceedings of a European seminar held at the zoological field station of Tvärminne, Finland 1992; Bass, G.F., Katzev, M.L., "New Tools for Underwater Archaeology", Archaeology June 1968, Vol.21 No:3, s. 172-173			
	Innovation of the equipments used under the sea	Reading: Gianfrotta, P.A., Pomey, P., L'archéologie sous la mer, Paris 1981 ; Irmeli Vuorela (ed.) Scientific methods in underwater archaeology: Proceedings of a European seminar held at the zoological field station of Tvärminne, Finland 1992; Bass, G.F., Katzev, M.L., "New Tools for Underwater Archaeology", Archaeology June 1968, Vol.21 No:3, p. 172-173			
	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
7	Antik Dönem'de deniz yolculuklarında yaşanan sorunların arkeolojik verilerle öğrenciye sunulması	Okuma: Delgado, J. P., (ed.). 1997. British Museum Encyclopaedia of Underwater and Maritime Archaeology, British Museum Press, London 1997; Muckelroy, K., Archaeology Under Water, An Atlas of the World's Submerged Sites. New York, London, 1980.			
	Maritime problems in antiquity due to the archaeological data	Reading: Delgado, J. P., (ed.). 1997. British Museum Encyclopaedia of Underwater and Maritime Archaeology, British Museum Press, London 1997; Muckelroy, K., Archaeology Under Water, An Atlas of the World's Submerged Sites. New York, London, 1980.			

	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
8					
	Ara sınav				
	Midterm examination				
9	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Bronz Çağ'a tarihlendirilen batıklar ve bu batıklarda bulunan eserler üzerine incelemelerin anlatılması	Okuma: Bass, G.F. v.d., "The Bronze Age Shipwreck at Ulu Burun: 1986 Campaign" AJA, Vol. 93, No.1, Jan., 1989,s. 1-29; Pulak, C. "Discovering a Royal Ship from the Age of King Tut: Uluburun, Turkey." Beneath the Seven Seas, G.F. Bass (ed.), New York, 2005, s. 34-47; Pulak, C., "The Uluburun Shipwreck: an Overview." IJNA, 27.3, 1998, s.188-224; Pulak, C., "The Uluburun Shipwreck", Res Maritime, Cyprus and the Eastern Mediterranean from Prehistory to Late Antiquity, Proceedings of the Second International Symposium "Cities on the Sea", Nicosia October 18-22, 1994 (ed.) S.Swiny, R.L.Hohlfelder, H.Wylde Swiny, Atlanta, s. 243-240			
	Bronze Age Shipwrecks found in Mediterranean Sea and their contents.	Reading: Bass, G.F. v.d., "The Bronze Age Shipwreck at Ulu Burun: 1986 Campaign" AJA, Vol. 93, No.1, Jan., 1989,p. 1-29; Pulak, C. "Discovering a Royal Ship from the Age of King Tut: Uluburun, Turkey." Beneath the Seven Seas, G.F. Bass (ed.), New York, 2005, s. 34-47; Pulak, C., "The Uluburun Shipwreck: an Overview." IJNA, 27.3, 1998, p.188-224; Pulak, C., "The Uluburun Shipwreck", Res Maritime, Cyprus and the Eastern Mediterranean from Prehistory to Late Antiquity, Proceedings of the Second International Symposium "Cities on the Sea", Nicosia October 18-22, 1994 (ed.) S.Swiny, R.L.Hohlfelder, H.Wylde Swiny, Atlanta, p. 243-240			
	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary

Akdeniz'de bulunan ve Arkaik - Klasik Dönemlere tarihlendirilen batıkların incelenmesi.

Okuma: Carlson, D.N., "The 2000 Excavation Season at Tektaş Burnu, Turkey", The INA Quarterly 28.2, Summer 2001, s. 3-8; Oron, A., "Conservation on the Rocks at Tektaş Burnu", The INA Quarterly 28.2, Summer 2001, s. 8-10; Carlson, D.N., "The Classical Greek Shipwreck at Tektaş Burnu, Turkey", AJA 107.4, October 2003, s. 581-600; Cerda, D., El Sec: La ceramica atica de Barniz negro y las anforas, Grecs et Ibères au IVe siècle Avant Jésus-Christ Commence et Iconographie, 1989; Stager, L., "Phoenician Shipwrecks in the Deep Sea", Sea Routes Interconnections in the Mediterranean 16th-6th c. BC, PLOES, Crete 29th - October 2nd 2002, Athens 2003, s. 233-247; Eiseman, C.J., Ridgway, B.S., The Porticello Shipwreck, A Mediterranean Merchant Vessel of 415-385 BC, Texas, 1987, s. 37-53; Greene, E., Lawall, M., Polzer, M., "Inconspicuous Consumption: The Sixth-Century B.C.E. Shipwreck at Papuç Burnu, Turkey", AJA, 112, 2008, s. 685-711; Greene, E., Leidwanger, J., Özdaş, H.A., "Two Early Archaic Shipwrecks at Kekova Adası and Keşçe Burnu, Turkey", The International Journal of Nautical Archaeology, 2011, no. 40.1, s. 60-68; Hadjidaki, E., "Underwater Excavations of a Late Fifth Century Merchant Ship at Alonnessos, Greece: the 1991-1993 Seasons", BCH 120/II 1996, s.563-593; Long, L., "Les amphores commerciales des 6e et 5e siècles en Méditerranée occidentale", Amphora a la Mer, Epaves Grecques et Etrusques, Exposition du 13 Mai au 27 Novembre 2005, Hauterive 2005, s. 54-60

Archaic and Classical Shipwrecks found in Mediterranean Sea and their contents.

Reading: Carlson, D.N., "The 2000 Excavation Season at Tektaş Burnu, Turkey", The INA Quarterly 28.2, Summer 2001, p. 3-8; Oron, A., "Conservation on the Rocks at Tektaş Burnu", The INA Quarterly 28.2, Summer 2001, p. 8-10; Carlson, D.N., "The Classical Greek Shipwreck at Tektaş Burnu, Turkey", AJA 107.4, October 2003, p. 581-600; Cerda, D., El Sec: La ceramica atica de Barniz negro y las anforas, Grecs et Ibères au IVe siècle Avant Jésus-Christ Commenrce et Iconographie, 1989; Stager, L., "Phoenician Shipwrecks in the Deep Sea", Sea Routes Interconnections in the Mediterranean 16th-6th c. BC, PLOES, Creete 29th - October 2nd 2002, Athens 2003, p. 233-247; Eiseman, C.J., Ridgway, B.S., The Porticello Shipwreck, A Mediterranean Merchant Vessel of 415-385 BC, Texas, 1987, p. 37-53; Greene, E., Lawall, M., Polzer, M., "Inconspicuous Consumption: The Sixth-Century B.C.E. Shipwreck at Papuç Burnu, Turkey", AJA, 112, 2008, p. 685-711; Greene, E., Leidwanger, J., Özdaş, H.A., "Two Early Archaic Shipwrecks at Kekova Adası and Kepçe Burnu, Turkey", The International Journal of Nautical Archaeology, 2011, no. 40.1, p. 60-68; Hadjidaki, E., "Underwater Excavations of a Late Fifth Century Merchant Ship at Alonnessos, Greece: the 1991-1993 Seasons", BCH 120/II 1996 p.563-593; Long, L., "Les amphores commerciales des 6e et 5e siècles en Méditerranée occidentale", Amphora a la Mer, Epaves Grecques et Etrusques, Exposition du 13 Mai au 27 Novembre 2005, Hauterive 2005, p. 54-60

	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
11	Akdeniz'de bulunan ve Hellenistik Döneme tarihlendirilen batıkların incelenmesi	Okuma: Baudoin, C., Liou, B., Lang, L., "Un cargaison de bronzes Hellénistiques, l'épave fourmigue C á Golfe-Juan", Archaeonautica 12, 1994, s.13-21; Katzev, M. L., " Kyrenia 1969- A Greek Ship is Raised", Expedition Magazine 12(4) 1970, s. 6-14; Katzev, S., "The Kyrenia Shipwreck: Her Recent Journey", Near Eastern Archaeology, 71, 1-2, 2008, s. 76-81; Pulak, C. Townsend, R.F., "The Hellenistic Shipwreck at Serçelimanı, Turkey: Preliminary Report", American Journal of Archaeology Vol.91, No:1, 1987, s.31-57.			
	Hellenistic Shipwrecks found in Mediterranean Sea and their contents.	Reading: Baudoin, C., Liou, B., Lang, L., "Un cargaison de bronzes Hellénistiques, l'épave fourmigue C á Golfe-Juan", Archaeonautica 12, 1994, p.13-21; Katzev, M. L., " Kyrenia 1969- A Greek Ship is Raised", Expedition Magazine 12(4) 1970, p. 6-14; Katzev, S., "The Kyrenia Shipwreck: Her Recent Journey", Near Eastern Archaeology, 71, 1-2, 2008, p. 76-81; Pulak, C. Townsend, R.F., "The Hellenistic Shipwreck at Serçelimanı, Turkey: Preliminary Report", American Journal of Archaeology Vol.91, No:1, 1987, p.31-57.			

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12	Akdeniz'de bulunan ve Roma İmparatorluk Dönemine tarihlendirilen batıkların incelenmesi	Okuma: Bernard, H., Jézégou, M. P., "The West Embiez 1 Shipwreck A Complementary Cargo of Vintage Wine Amphoras at the Transiton from the 2nd to 3rd century AD", SKYLLIS, 7. Jahrgang 2005/06, Heft 1-2, s. 140-145; McCann, A.M., "An Early Imperial Shipwreck in the Deep Sea off Skerki Bank", RCRF Acta 37, 2001, s. 257-264; Millett, M., "Samian from the sea: Cala culip shipwreck IV", JRA, vol. 6, 1993, s. 415-595; Joncheray, J.P., Joncheray, A., "Chretienne M, trois epaves distinctes, entre le cinquieme siècle avant et le premier siècle apres Jesus-Christ", Cahiers D'Archeologie Subaquatique, Numero XIV, 2002, s. 69-130			
	Roman Shipwrecks found in Mediterranean Sea and their contents.	Reading: Bernard, H., Jézégou, M. P., "The West Embiez 1 Shipwreck A Complementary Cargo of Vintage Wine Amphoras at the Transiton from the 2nd to 3rd century AD", SKYLLIS, 7. Jahrgang 2005/06, Heft 1-2, p. 140-145; McCann, A.M., "An Early Imperial Shipwreck in the Deep Sea off Skerki Bank", RCRF Acta 37, 2001, p. 257-264; Millett, M., "Samian from the sea: Cala culip shipwreck IV", JRA, vol. 6, 1993, p. 415-595; Joncheray, J.P., Joncheray, A., "Chretienne M, trois epaves distinctes, entre le cinquieme siècle avant et le premier siècle apres Jesus-Christ", Cahiers D'Archeologie Subaquatique, Numero XIV, 2002, p. 69-130			
	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary

	Bizans batıklarının ve bunlarda ele geçen eserlerin tanıtılması	Okuma: Bass, G., Van Doorninck, F.H. J.R., Yassı Ada, Vol. I, A Seventh Century Byzantine Shipwreck, Texas 1981; Bass, G., "Underwater Excavations at Yassı Ada: A Byzantine Shipwreck", AA, 1962, s.537-564.; arkai, O., Kahanov, Y., "The Tantura F Shipwreck, Israel", IJNA, 2007, 36.1, s. 21-31; Hocker, F.M., Scafuri, M., "The Bozburun Byzantine Shipwreck : 1996 Campaign", INA Quaterly 23.4, 1996, s. 3-9; Kingsley, S. A., A sixth century AD shipwreck off the Carmel coast, Israel Dor D and Holy Land Wine Trade, Somerville college, university of Oxford, BAR international series 1065, 2002, s. 1-144; Günsenin, N., "L'Epave de Çamaltı Burnu I (Ile de Marmara, Proconnese): resultats des campagnes 1998-2000", Anatolia Antiqua IX, 2001, s.117-133; Günsenin, N., "From Ganos to Serçe Limanı", The INA Quarterly, 26.3, Fall 1999, s. 18-21.			
13	Byzantine Shipwrecks found in Mediterranean Sea and their contents.	Reading: Bass, G., Van Doorninck, F.H. J.R., Yassı Ada, Vol. I, A Seventh Century Byzantine Shipwreck, Texas 1981; Bass, G., "Underwater Excavations at Yassı Ada: A Byzantine Shipwreck", AA, 1962, p. 537-564.; arkai, O., Kahanov, Y., "The Tantura F Shipwreck, Israel", IJNA, 2007, 36.1, p. 21-31; Hocker, F.M., Scafuri, M., "The Bozburun Byzantine Shipwreck : 1996 Campaign", INA Quaterly 23.4, 1996, p. 3-9; Kingsley, S. A., A sixth century AD shipwreck off the Carmel coast, Israel Dor D and Holy Land Wine Trade, Somerville college, university of Oxford, BAR international series 1065, 2002, p. 1-144; Günsenin, N., "L'Epave de Çamaltı Burnu I (Ile de Marmara, Proconnese): resultats des campagnes 1998-2000", Anatolia Antiqua IX, 2001, p.117-133; Günsenin, N., "From Ganos to Serçe Limanı", The INA Quarterly, 26.3, Fall 1999, p.18-21.			

14	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Seminer				
	Seminer				
15	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Antik Dönem'de Akdeniz topografyası ve denizcilikte kullanılan tekniklerin tartışılması	Okuma: Houston, G.W., "Ports in Perspective: Some Comparative Materials on Roman Merchant Ships and Ports", AJA Vol 92, No.4, October, 1988, s.553-564; Parker, A., "Artifact Distribution and Wreck Locations: The Archaeology of Roman Commerce", The Maritime World of Ancient Rome, Proceedings of the Maritime World of Ancient Rome Conference 27-29 March 2003, ed. R.L. Hohlfelder, Ann Arbor 2008, s. 179-195.			
	Mediterranean topography and the maritime techniques in Antiquity	Reading: Houston, G.W., "Ports in Perspective: Some Comparative Materials on Roman Merchant Ships and Ports", AJA Vol 92, No.4, October, 1988, p. 553-564; Parker, A., "Artifact Distribution and Wreck Locations: The Archaeology of Roman Commerce", The Maritime World of Ancient Rome, Proceedings of the Maritime World of Ancient Rome Conference 27-29 March 2003, (ed.) R.L. Hohlfelder, Ann Arbor 2008, p. 179-195.			
16	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Final Sınavı				
	Final Examination				

DEĞERLENDİRME / EVALUATION

Yarıyıl (Yıl) İçi Etkinlikleri / Term (or Year) Learning Activities	Sayı / Number	Katkı Yüzdesi / Percentage of Contribution (%)
Ara Sınav / Midterm Examination	1	100
Toplam / Total:	1	100
Başarı Notuna Katkı Yüzdesi / Contribution to Success Grade(%):		40
Yarıyıl (Yıl) Sonu Etkinlikleri / End Of Term (or Year) Learning Activities	Sayı / Number	Katkı Yüzdesi / Percentage of Contribution (%)
Final Sınavı / Final Examination	1	100
Toplam / Total:	1	100
Başarı Notuna Katkı Yüzdesi / Contribution to Success Grade(%):		60
Etkinliklerinin Başarı Notuna Katkı Yüzdesi(%) Toplamı / Total Percentage of Contribution (%) to Success Grade:		100
Değerlendirme Tipi / Evaluation Type:		

İŞ YÜKÜ / WORKLOADS

Etkinlikler / Workloads	Sayı / Number	Süresi (Saat) / Duration (Hours)	Toplam İş Yüğü (Saat) / Total Work Load (Hour)
Ara Sınav İçin Bireysel Çalışma / Individual Study for Mid term Examination	1	20.00	20.00
Ara Sınav / Midterm Examination	1	2.00	2.00
Seminer / Seminar	8	2.00	16.00
Final Sınavı için Bireysel Çalışma / Individual Study for Final Examination	1	20.00	20.00
Okuma / Reading	12	8.00	96.00
Derse Katılım / Attending Lectures	8	3.00	24.00
Final Sınavı / Final Examination	1	2.00	2.00
Toplam / Total:	32	57.00	180.00

PROGRAM VE ÖĞRENME ÇIKTISI / PROGRAM LEARNING OUTCOMES

Öğrenme Çıktıları / Learning Outcomes	Program Çıktıları / Program					
	1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6
0.1.Deniz Arkeolojisinin dünyadaki gelişimi hakkında bilgi edinmek. / 1.To have knowledge about the innovation of Marine Archaeology in the world.	5		5			
1.2.İnsanlık tarihinin deniz, göl ve nehirlerde bulunan kanıtları hakkında ön bilgi sahibi olmak. / 2.To reach the data of the archaeological evidence found from sea, lakes and rivers.	4					
2.3.Akdeniz'de bulunan ve araştırmaları tamamlanmış batıkları tanımak. / 3.Identifying the shipwrecks found in Mediterranean Sea.		5	4			
3.4.Antik dönem denizciliği hakkında bilgi sahibi olmak. / 4.To have knowledge about maritime in Antiquity.				5		
4.5.Batık stratigrafisinin (tabakalaşması) görüldüğü örnekleri tanımak. / 5. Identifying the stratigraphy of the shipwrecks in Mediterranean Sea.						

Katkı Düzeyi / Contribution Level : 1-Çok Düşük / Very low, 2-Düşük / Low, 3-Orta / Moderate, 4-Yüksek / High, 5-Çok Yüksek / Very high