

2018年海洋開発サマースクール アメリカ TAMU クラススケジュール (2018年4月9日現在)

“Ocean Engineering Summer School” 場所: College Station, TAMU Campus

日にち	内容		
8/12(日)	現地集合・安着確認		
8/13	● Orientation (アメリカ文化・歴史・現地での生活の注意点について)		
8/14	● Introduction and Overview of Oil & Gas industry		
8/15	This part of the course will give an overview of the Oil & Gas Industry and how it relates to both the larger energy industry and more specifically to offshore oil and gas exploration, and production. It will discuss both near shore and deep-water fixed, floating and subsea installations.		
8/16			
8/17			
8/18(土)			
8/19(日)			
8/20	● Fundamentals of Offshore Engineering		
8/21	This part of the course will concern itself with the technical aspects of offshore engineering. This course will discuss wide variety of topics which will include ocean waves, wave forces on fixed and floating structures, design waves, statics and dynamics of floating structures, design wave environment, mooring and station-keeping.		
8/22			
8/23			
8/24			
	● 関連企業訪問		
8/25(土)			
8/26(日)			
8/27	● Sub-sea Engineering		
8/28	This part of the course will provide an overview of subsea engineering. This course will discuss subsea productions systems, field architecture, distribution systems, subsea equipment and installation, flow assurance and other relevant topics.	調査プロジェクト	
8/29			
8/30			
8/31			
	● 関連企業訪問・エクスカージョン		
9/1(土)			
9/2(日)			
9/3	● Health Safety and Environment		
9/4	This part of the course will concern itself with the offshore regulatory environment as it exists in major oil producing regions. This will include a discussion of the various regulatory regimes such as those of both national and international and the role of classification societies. Issues such as safety and pollution prevention.		
9/5			
9/6			
9/7			
	● 関連企業訪問・エクスカージョン		
9/8(土)			
9/9(日)			
9/10	● Project management and Contract Strategy for offshore engineers		
9/11	This part of the course will concern itself with overall project management and execution. It will deal with such diverse topics as oil and gas exploration and deciding to whether and how to proceed with a major project and at what scale. Moreover, it will discuss successful contracting strategies to minimize cost and maximize safety and on-time performance.		
9/12			
9/13			
9/14			
	● 関連企業訪問		
	● Presentation of Project Work and Assessment		
9/15	現地解散		