



## 2017-18 APPROVED TECHNICAL ELECTIVE LIST

Technical Elective	Emphasis	Location	Semester
OCEN 408 Underwater and Moored System Design	Offshore, Underwater Systems	CS	Fall Only
CVEN 446 Structural Steel Design	Offshore, Underwater Systems	CS, GV	Spring Only
OCEN 415 Offshore Structural Design	Offshore	GV	
OCEN 421 Naval Architecture Design II	Offshore	GV	
OCEN 467 Offshore Random Processes	Offshore	GV	
OCEN 474 Port and Harbor Engineering	Coastal	GV	
OCEN 461 Ocean Instrumentation and Control Theory	Underwater Systems	GV	
ENDG 407 Computer Design Graphics	Offshore, Underwater Systems	CS	
OCEN 475 Environmental Fluid Mechanics	Coastal	CS	
OCEN 411 Environmental Nearshore Hydrodynamics	Coastal	GV	
OCEN 344 Structural Concrete Design	Coastal	CS, GV	
OCEN 405 Finite Element Analysis in Engineering Design	Offshore	GV	
CVEN 445 Matrix Methods for Structural Analysis		CS	
OCEN 483 Marine Foundation Analysis and Design	Coastal, Offshore	GV	
MEEN 461 Heat Transfer	Underwater Systems	CS	
MATH 401 Advanced Engineering Math	Coastal, Offshore, Underwater Systems	CS	
ENGR 489 Subsea Systems	Underwater Systems	CS	
OCEN 465 Subsea Pipeline Design	Underwater Systems	GV	
OCEN 489 Dredging		CS, GV	Spring Only
OCEN 341 Engr. Economics and Project Management		GV	
CVEN 333 Project Management for Engineers		CS	
CVEN 339 Water Resources Engineering	Coastal	CS	
OCEN 485 Directed Studies	Coastal, Offshore, Underwater Systems	CS, GV	
OCEN 489 Special Topics	Coastal, Offshore, Underwater Systems	CS, GV	
OCEN 491 Undergraduate Research	Coastal, Offshore, Underwater Systems	CS, GV	
AERS, MLSC, NVSC 400-499		CS	