

2015-2016 Program Review
Ocean and Mechanical Engineering

I Instruction

A Assessment goals and outcomes for each degree program (reported separately)

B Input Data

B 1 Headcount, Person Years and FTE -- Overall and Devoted To Instruction
 Ocean and Mechanical Engineering

			Ocean and Mechanical Engineering			College Total	University Total
			2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Total Headcount	24	26	26	77	677
		Total Person-Years	20.3	20.9	21.8	65.0	586.6
		Person-Years Devoted To Instruction	10.6	11.0	9.1	28.3	284.7
		Total FTE	27.1	27.8	29.1	86.6	782.1
		FTE Devoted to Instruction	14.1	14.7	12.2	37.7	379.6
Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Total Headcount	1			2	236
		Total Person-Years	0.7			1.4	190.5
		Person-Years Devoted To Instruction	0.6			1.1	148.7
		Total FTE	1.0			1.8	254.1

			Ocean and Mechanical Engineering			College Total	University Total
			2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Other personnel paid on faculty pay plan	Scholar/Scientist/Engineer, Research Assoc, Assoc In, Asst In, Postdoc Assoc	FTE Devoted to Instruction	0.8			1.5	198.2
		Total Headcount	1		1	6	119
		Total Person-Years	0.5		0.0	3.3	95.6
		Person-Years Devoted To Instruction	0.0		0.0	2.2	38.0
		Total FTE	0.7		0.0	4.4	127.5
		FTE Devoted to Instruction	0.0		0.0	2.9	50.7
Adjuncts	--	Total Headcount	1	2	1	11	631
		Total Person-Years	0.4	0.3	0.1	1.9	113.4
		Person-Years Devoted To Instruction	0.4	0.3	0.1	1.1	108.0
		Total FTE	0.5	0.4	0.2	2.5	151.3
		FTE Devoted to Instruction	0.5	0.4	0.2	1.5	144.0
Graduate Assistants	--	Total Headcount	52	51	56	144	1,150

			Ocean and Mechanical Engineering			College Total	University Total
			2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Other	--	Total Person-Years	15.8	14.9	16.0	35.2	341.8
		Person-Years Devoted To Instruction	4.2	5.4	5.5	14.3	223.8
		Total FTE	21.1	19.8	21.3	47.0	455.7
		FTE Devoted to Instruction	5.6	7.2	7.3	19.1	298.4
		Total Headcount	4	3	6	10	376
		Total Person-Years	1.6	0.7	0.9	1.4	40.4
		Person-Years Devoted To Instruction	0.1	0.5	0.4	0.6	17.1
		Total FTE	2.1	0.9	1.2	1.9	53.9
		FTE Devoted to Instruction	0.1	0.6	0.5	0.7	22.8
		Total Headcount	83	82	90	250	3,189
Total		Total Person-Years	39.3	36.7	38.8	108.2	1,368.4
		Person-Years Devoted To Instruction	15.9	17.2	15.1	47.6	820.3

	Ocean and Mechanical Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Total FTE	52.5	49.0	51.8	144.2	1,824.5
FTE Devoted to Instruction	21.2	22.9	20.2	63.5	1,093.8

Source: Instruction and Research File

Report includes summer, fall and spring semester data

Faculty headcounts are unduplicated within year; faculty with appointments in multiple departments are counted in the department where they devoted most effort.

Adjuncts and Grad Assistants are counted in each department where they had an appointment.

Person-year= 1 person working full time for one year

1.00 FTE = .75 person-years

B 2 Instructional Faculty and Adjuncts By Gender and Ethnicity
Ocean and Mechanical Engineering

Instructional Faculty (Tenured, tenure-earning, & non-tenure-earning)		Ocean and Mechanical Engineering			College Total	University Total
		2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
American Indian/Alaskan Native	Male					1
	Total					1
Asian or Pacific Islander		0		0	0	1
	Female		1	1	4	40
	Male	8	9	9	33	92
	Total	8	10	10	37	133

Instructional Faculty (Tenured, tenure-earning, & non-tenure-earning)		Ocean and Mechanical Engineering			College Total	University Total
		2013- 2014	2014- 2015	2015- 2016	2015- 2016	2015-2016
Black (Not of Hispanic Origin)						0
	Female					38
	Male				4	22
	Total				4	60
Hispanic				1	2	2
	Female				1	37
	Male	2	2	2	5	30
	Total	2	2	3	8	69
White (Not of Hispanic Origin)			0		1	9
	Female				5	297
	Male	14	13	12	27	382
	Total	14	13	12	33	688
Total		0	0	1	3	12
	Female		1	1	10	412
	Male	24	24	23	69	527
	Total	24	25	25	82	951

Source: Instruction and Research File

Instructional Faculty includes tenured, tenure-earning and non-tenure-earning faculty members who taught a course during the year.

		Ocean and Mechanical Engineering			College Total	University Total
Adjuncts		2013- 2014	2014- 2015	2015- 2016	2015-2016	2015-2016
Asian or Pacific Islander	Female		1		1	12
	Male					12
	Total		1		1	24
Black (Not of Hispanic Origin)	Female					31
	Male					19
	Total					50
Hispanic	Female					50
	Male				1	24
	Total				1	74
White (Not of Hispanic Origin)	Female	1	1	1	3	271
	Male				6	212
	Total	1	1	1	9	483
Total	Female	1	2	1	4	364
	Male				7	267
	Total	1	2	1	11	631

Source: Instruction and Research File

				Ocean and Mechanical Engineering		College Total	University Total
				2013 - 2014	2014 - 2015	2015-2016	2015-2016
Course Level	Type						
Undergraduate	Lecture/Seminar	Sections Offered	#	79	78	308	5,155
			# Enrolled	2,610	2,866	11,591	199,829
			Avg Section Enrollment	33.0	36.7	37.6	38.8
		Sections Faculty-Taught	#	68	67	271	3,455
			%	86.1	85.9	88.0	67.0
	Lab	Sections Offered	#	8	9	34	896
			# Enrolled	154	185	794	16,821
			Avg Section Enrollment	19.3	20.6	23.4	18.8
		Sections Faculty-Taught	#	4	5	18	432
			%	50.0	55.6	52.9	48.2
	Discussion	Sections Offered	#		15	28	294
			# Enrolled		484	772	8,010
			Avg Section Enrollment		32.3	27.6	27.2
		Sections Faculty-Taught	#		13	24	250
			%		86.7	85.7	85.0

				Ocean and Mechanical Engineering	College Total	University Total
				2013 - 2014	2014 - 2015	2015-2016
Graduate	Other Course Types	Sections Offered	#	24	11	49
		# Enrolled		41	31	122
		Avg Section Enrollment		1.7	2.8	2.5
	Lecture/Seminar	Sections Offered	#	22	11	48
		Faculty-Taught		91.7	100.0	98.0
		Avg Section Enrollment		11.8	6.9	13.0
	Lab	Sections Offered	#	23	28	90
		Faculty-Taught		95.8	100.0	100.0
		Avg Section Enrollment				
	Other Course Types	Sections Offered	#	82	91	257
		# Enrolled				
		Avg Section Enrollment				
		Sections Offered	#			
		Faculty-Taught				
		Avg Section Enrollment				

		Ocean and Mechanical Engineering		College Total	University Total
		2013-2014	2014-2015	2015-2016	2015-2016
	# Enrolled	113	124	396	4,047
	Avg Section Enrollment	1.4	1.4	1.5	2.1
	Sections #	82	91	257	1,798
	Faculty-Taught %	100.0	100.0	100.0	94.2

Source: Instruction and Research File and Student Data Course File

Engineering FEEDS sections, which are taught by videotape, are excluded from these counts to avoid duplication of sections

'Other Course Types' includes DIS, Thesis/Dissertation Research, Individual Performance Instruction, Internships, etc.

Sections taught by tenured, tenure-earning and non-tenure-earning faculty are counted as 'faculty-taught'

B 4 a Majors Enrolled By Level (Annual Headcount)

Ocean Engineering (Program CIP: 142401)

	Ocean Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Professional					250
Bachelors	133	138	140	2,712	29,081
Masters/Specialist	38	29	28	261	4,515
Doctoral	17	21	23	123	965
Unclassified					3,137
Total	188	188	191	3,096	37,948

Source: Student Data Course File

Note: For Annual Headcounts, each student is counted once whether enrolled in summer, fall or spring.

Students enrolled in more than one term during the year are included in the level of their latest term.

B 4 a Majors Enrolled By Level (Annual Headcount)

Mechanical Engineering (Program CIP: 141901)

	Mechanical Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Professional					250
Bachelors	302	328	383	2,712	29,081
Masters/Specialist	22	22	33	261	4,515
Doctoral	15	19	26	123	965
Unclassified					3,137
Total	339	369	442	3,096	37,948

Source: Student Data Course File

Note: For Annual Headcounts, each student is counted once whether enrolled in summer, fall or spring.

Students enrolled in more than one term during the year are included in the level of their latest term.

B 4 b Majors Enrolled (Annual Headcount) By Gender and Ethnicity

Ocean Engineering (Program CIP: 142401)

			Ocean Engineering			College Total	University Total		
			2013- 2014	2014- 2015	2015- 2016	2015- 2016	2015-2016		
Professional	Asian or Pacific Islander	Female						20	
		Male						21	
		Total						41	
	Black (Not of Hispanic Origin)	Female						11	
		Male						2	
		Total						13	
	Hispanic	Female						23	
		Male						10	
		Total						33	
	White (Not of Hispanic Origin)	Female						68	
		Male						85	
		Total						153	
	Not Reported	Female						3	
		Male						7	
		Total						10	
	Total	Female						125	
		Male						125	
		Total						250	
Undergraduate	American Indian/Alaskan Native	Female						4	121
		Male						14	103
		Total						18	224
	Asian or Pacific Islander	Female	2	3	2	42	876		
		Male	3	2	1	184	700		
		Total	5	5	3	226	1,576		
	Black (Not of Hispanic Origin)	Female		0	1	62	3,923		
		Male	3	4	6	447	2,355		
		Total	3	4	7	509	6,278		

			Ocean Engineering			College Total	University Total
			2013- 2014	2014- 2015	2015- 2016	2015- 2016	2015-2016
Graduate	Hispanic	Female	2	3	5	96	4,385
		Male	14	16	16	603	3,053
		Total	16	19	21	699	7,438
	White (Not of Hispanic Origin)	Female	19	15	17	141	6,657
		Male	84	90	87	935	5,805
		Total	103	105	104	1,076	12,462
	Non-Resident Alien	Female				21	396
		Male	5	3	5	140	450
		Total	5	3	5	161	846
	Not Reported	Female				3	133
		Male	1	2		20	124
		Total	1	2		23	257
	Total	Female	23	21	25	369	16,491
		Male	110	117	115	2,343	12,590
		Total	133	138	140	2,712	29,081
	American Indian/Alaskan Native	Female					18
		Male	1				4
		Total	1				22
	Asian or Pacific Islander	Female	1			6	169
		Male	1	3	3	15	111
		Total	2	3	3	21	280
	Black (Not of Hispanic Origin)	Female				6	706
		Male	1			15	292
		Total	1			21	998
	Hispanic	Female	2			11	549
		Male	3	2	5	51	359
		Total	5	2	5	62	908

			Ocean Engineering			College Total	University Total
			2013- 2014	2014- 2015	2015- 2016	2015- 2016	2015-2016
Unclassified	White (Not of Hispanic Origin)	Female	3	4	4	31	1,669
		Male	28	26	23	128	1,127
		Total	31	30	27	159	2,796
	Non-Resident Alien	Female	2	3	1	38	212
		Male	12	11	15	82	252
		Total	14	14	16	120	464
	Not Reported	Female					9
		Male	1	1		1	3
		Total	1	1		1	12
	Total	Female	8	7	5	92	3,332
		Male	47	43	46	292	2,148
		Total	55	50	51	384	5,480
	American Indian/Alaskan Native	Female					7
		Male					4
		Total					11
	Asian or Pacific Islander	Female					162
		Male					155
		Total					317
	Black (Not of Hispanic Origin)	Female					256
		Male					139
		Total					395
	Hispanic	Female					338
		Male					251
		Total					589
	White (Not of Hispanic Origin)	Female					842
		Male					710
		Total					1,552

		Ocean Engineering			College Total	University Total
		2013- 2014	2014- 2015	2015- 2016	2015- 2016	2015-2016
Non-Resident Alien	Female					107
	Male					143
	Total					250
Not Reported	Female					14
	Male					9
	Total					23
Total	Female					1,726
	Male					1,411
	Total					3,137

Source: Student Data Course File

Note: For Annual Headcounts, each student is counted once whether enrolled in summer, fall or spring.

Students enrolled in more than one term during the year are included in the level of their latest term.

B 4 b Majors Enrolled (Annual Headcount) By Gender and Ethnicity
Mechanical Engineering (Program CIP: 141901)

		Mechanical Engineering			College Total	University Total
		2013- 2014	2014- 2015	2015- 2016	2015- 2016	2015-2016
Professional	Asian or Pacific Islander	Female				20
		Male				21
		Total				41
		Female				11

		Mechanical Engineering			College Total	University Total
		2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Undergraduate	Black (Not of Hispanic Origin)	Male				2
		Total				13
	Hispanic	Female				23
		Male				10
		Total				33
	White (Not of Hispanic Origin)	Female				68
		Male				85
		Total				153
	Not Reported	Female				3
		Male				7
		Total				10
	Total	Female				125
		Male				125
		Total				250
	American Indian/Alaskan Native	Female			4	121
		Male	3	5	6	14
		Total	3	5	6	18
	Asian or Pacific Islander	Female	3	4	4	42
		Male	24	25	27	184
		Total	27	29	31	226
	Black (Not of Hispanic Origin)	Female	1	1	2	62
		Male	32	40	52	447
		Total	33	41	54	509
	Hispanic	Female	8	9	11	96
		Male	53	65	92	603
		Total	61	74	103	699
		Female	16	17	18	141
						6,657

			Mechanical Engineering			College Total	University Total
			2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Graduate	White (Not of Hispanic Origin)	Male	142	139	148	935	5,805
		Total	158	156	166	1,076	12,462
	Non-Resident Alien	Female	1	2	1	21	396
		Male	11	15	20	140	450
		Total	12	17	21	161	846
	Not Reported	Female				3	133
		Male	8	6	2	20	124
		Total	8	6	2	23	257
	Total	Female	29	33	36	369	16,491
		Male	273	295	347	2,343	12,590
		Total	302	328	383	2,712	29,081
	American Indian/Alaskan Native	Female					18
		Male					4
		Total					22
	Asian or Pacific Islander	Female		1	2	6	169
		Male	1	1	3	15	111
		Total	1	2	5	21	280
	Black (Not of Hispanic Origin)	Female				6	706
		Male	2	3	1	15	292
		Total	2	3	1	21	998
	Hispanic	Female	2	1	1	11	549
		Male	6	5	8	51	359
		Total	8	6	9	62	908
	White (Not of Hispanic Origin)	Female	4	4	2	31	1,669
		Male	14	16	23	128	1,127
		Total	18	20	25	159	2,796
		Female	2	2	6	38	212

			Mechanical Engineering			College Total	University Total
			2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Unclassified	Non-Resident Alien	Male	6	8	13	82	252
		Total	8	10	19	120	464
	Not Reported	Female					9
		Male				1	3
		Total				1	12
	Total	Female	8	8	11	92	3,332
		Male	29	33	48	292	2,148
		Total	37	41	59	384	5,480
	American Indian/Alaskan Native	Female					7
		Male					4
		Total					11
	Asian or Pacific Islander	Female					162
		Male					155
		Total					317
	Black (Not of Hispanic Origin)	Female					256
		Male					139
		Total					395
	Hispanic	Female					338
		Male					251
		Total					589
	White (Not of Hispanic Origin)	Female					842
		Male					710
		Total					1,552
	Non-Resident Alien	Female					107
		Male					143
		Total					250
	Not Reported	Female					14

	Mechanical Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Male					9
Total					23
Total					
Female					1,726
Male					1,411
Total					3,137

Source: Student Data Course File

Note: For Annual Headcounts, each student is counted once whether enrolled in summer, fall or spring.

Students enrolled in more than one term during the year are included in the level of their latest term.

Productivity Data

C 1 Annualized State-Fundable FTE Produced By Level

Ocean and Mechanical Engineering

	Ocean and Mechanical Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Undergraduate Total (excluding FEEDS)	199.9	208.9	215.1	791.7	15,589.9
Undergraduate FEEDS	7.1	16.2	23.3	107.1	107.1
Graduate Total (excluding FEEDS)	33.7	26.3	35.8	110.1	1,851.5
Grad I	22.9	11.0	18.1	65.3	1,464.7

	Ocean and Mechanical Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Grad II	10.8	15.3	17.7	44.8	386.8
Classroom	22.3	13.3	24.0	76.1	1,720.6
Thesis-Dissertation	11.4	13.0	11.8	34.0	130.9
Graduate FEEDS	5.8	6.4	6.7	38.2	38.2
Total (excluding FEEDS)	233.6	235.2	250.9	901.7	17,441.4
Grand Total (Including FEEDS)	246.5	257.8	280.8	1,047.0	17,586.7

Source: Student Data Course File

Based On State-Fundable Credit Hours

Note: Grad I and Grad II groups will sum to Graduate Total; Classroom and Thesis-Dissertation will sum to Graduate Total.

C 2 Annualized State-Fundable FTE Produced In/Out Of Department or College
Ocean and Mechanical Engineering

		Courses offered by:				
		Ocean and Mechanical Engineering			College of Engineering	University Total
		2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Course Level	FTE produced by students who are:					
Lower Division Undergraduate	Majors within the department	12.2	11.9	13.6	58.2	780.7

		Courses offered by:				
		Ocean and Mechanical Engineering			College of Engineering	University Total
		2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Upper Division Undergraduate	Majors outside the department, but within the college	9.3	10.0	10.9	58.9	1,883.2
	Majors outside the college	2.7	1.2	2.6	68.3	4,246.7
	Total	24.2	23.1	27.1	185.5	6,910.6
	FTE produced by students who are:					
	Majors within the department	156.4	170.8	189.2	595.0	5,277.5
	Majors outside the department, but within the college	21.7	25.6	16.6	89.8	2,353.4
	Majors outside the college	4.6	5.6	5.4	28.4	1,155.5
	Total	182.8	202.0	211.2	713.3	8,786.4
	FTE produced by students who are:					
	Majors within the department	37.4	30.9	39.7	127.5	1,554.8
Graduate	Majors outside the department, but within the college	1.5	1.1	1.5	6.3	207.8
	Majors outside the college	0.7	0.7	1.3	14.4	127.0
	Total	39.5	32.7	42.4	148.2	1,889.7
	FTE produced by students who are:					
Total	Majors within the department	206.0	213.6	242.5	780.7	7,613.1

Courses offered by:					
	Ocean and Mechanical Engineering			College of Engineering	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Majors outside the department, but within the college	32.6	36.8	29.0	155.1	4,444.5
Majors outside the college	7.9	7.4	9.3	111.2	5,529.2
Total	246.5	257.8	280.8	1,047.0	17,586.7

Source: Student Data Course File
Based On State-Fundable Credit Hours

C 3 Degrees Awarded
Ocean Engineering (Program CIP: 142401)

		Ocean Engineering			College Total	University Total
		2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Degrees awarded with a:						
Associates	Single major					325.0
	All					325.0
Bachelors	Degrees awarded with a:					
	Single major	28.0	24.0	32.0	390.0	5,460.0
	Double or triple major					180.0
	All	28.0	24.0	32.0	390.0	5,640.0

		Ocean Engineering			College Total	University Total
		2013- 2014	2014- 2015	2015- 2016	2015-2016	2015-2016
Masters	Degrees awarded with a:					
	Single major	22.0	17.0	11.0	68.0	1,322.0
	All	22.0	17.0	11.0	68.0	1,322.0
Specialist	Degrees awarded with a:					
	Single major					11.0
	All					11.0
Doctorate	Degrees awarded with a:					
	Single major	2.0	3.0	3.0	12.0	121.0
	All	2.0	3.0	3.0	12.0	121.0
Certificates	Degrees awarded with a:					
	Single major					61.0
	All					61.0
Total	Degrees awarded with a:					
	Single major	52.0	44.0	46.0	470.0	7,300.0
	Double or triple major					180.0
	All	52.0	44.0	46.0	470.0	7,480.0

Source: Student Data Course File

Note: Degrees awarded with multiple majors may result in fractional degree totals for some groups.

A degree awarded with a single major contributes 1 degree, a double major contributes 1/2 degree in each major, and a triple major contributes 1/3 degree in each major to the degree totals.

C 3 Degrees Awarded**Mechanical Engineering (Program CIP: 141901)**

		Mechanical Engineering			College Total	University Total
		2013- 2014	2014- 2015	2015- 2016	2015-2016	2015-2016
	Degrees awarded with a:					
Associates	Single major					325.0
	All					325.0
Bachelors	Degrees awarded with a:					
	Single major	64.0	63.0	64.0	390.0	5,460.0
	Double or triple major					180.0
	All	64.0	63.0	64.0	390.0	5,640.0
Masters	Degrees awarded with a:					
	Single major	10.0	7.0	7.0	68.0	1,322.0
	All	10.0	7.0	7.0	68.0	1,322.0
Specialist	Degrees awarded with a:					
	Single major					11.0
	All					11.0
Doctorate	Degrees awarded with a:					
	Single major	2.0		4.0	12.0	121.0
	All	2.0		4.0	12.0	121.0
Certificates	Degrees awarded with a:					
	Single major					61.0
	All					61.0

		Mechanical Engineering			College Total	University Total
		2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Total	Degrees awarded with a:					
	Single major	76.0	70.0	75.0	470.0	7,300.0
	Double or triple major					180.0
	All	76.0	70.0	75.0	470.0	7,480.0

Source: Student Data Course File

Note: Degrees awarded with multiple majors may result in fractional degree totals for some groups.

A degree awarded with a single major contributes 1 degree, a double major contributes 1/2 degree in each major, and a triple major contributes 1/3 degree in each major to the degree totals.

Efficiency Data

D 1 B Annualized Student FTE Produced Per FACULTY Instructional Person-Year (Student Faculty Ratio)

Ocean and Mechanical Engineering

	Ocean and Mechanical Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Undergraduate	18.5	20.5	26.1	30.5	36.2
Graduate	3.5	3.0	4.6	5.0	4.4
Total	22.1	23.4	30.7	35.6	40.6

Source: Instruction and Research File and Student Data Course File

Includes Instructional Person-Years from Tenured, Tenure-earning and Non-tenure-earning faculty only

Annualized FTE (C 1) produced for each person-year devoted to instruction (B 1 department total).

D 2 Degrees Awarded Per FACULTY Instructional Person Year
Ocean Engineering (Program CIP: 142401)

	Ocean Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Associates	0	0	0	0	0.7
Bachelors	2.5	2.2	3.5	13.3	13.0
Masters	2.0	1.5	1.2	2.3	3.1
Specialist	0	0	0	0	0.0
Doctorate	0.2	0.3	0.3	0.4	0.3
Certificates	0	0	0	0	0.1
Total	4.7	4.0	5.0	16.0	17.3

Source: Instruction and Research File and Student Data Course File

Includes Instructional Person-Years from Tenured, Tenure-earning and Non-tenure-earning faculty only

Number of Degrees (C 3) produced for each Faculty person-year devoted to instruction (B 1 tenured, tenure-earning and non-tenure-earning faculty).

D 2 Degrees Awarded Per FACULTY Instructional Person Year
Mechanical Engineering (Program CIP: 141901)

	Mechanical Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Associates	0	0	0	0	0.7
Bachelors	5.7	5.7	7.0	13.3	13.0

	Mechanical Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
Masters	0.9	0.6	0.8	2.3	3.1
Specialist	0	0	0	0	0.0
Doctorate	0.2	0	0.4	0.4	0.3
Certificates	0	0	0	0	0.1
Total	6.8	6.4	8.2	16.0	17.3

Source: Instruction and Research File and Student Data Course File

Includes Instructional Person-Years from Tenured, Tenure-earning and Non-tenure-earning faculty only

Number of Degrees (C 3) produced for each Faculty person-year devoted to instruction (B 1 tenured, tenure-earning and non-tenure-earning faculty).

Effectiveness Data

E 1 Rating Instructor's Overall Teaching Effectiveness (item 6) from Student Perception of Teaching (SPOT)

Ocean and Mechanical Engineering

6. Rate your instructor's overall teaching effectiveness in this course

Scale: 1=Excellent 5=Poor		College Total			University Total		
		Fall 2015	Spring 2016	Summer 2016	Fall 2015	Spring 2016	Summer 2016
Undergraduate	# Sections	172	168	56	2,636	2,440	925
	Mean Rating	2.0	2.0	1.8	1.7	1.7	1.6
Graduate	# Sections	31	38	13	514	498	202
	Mean Rating	1.7	1.8	1.6	1.6	1.6	1.6
Total	# Sections	203	206	69	3,150	2,938	1,127

6. Rate your instructor's overall teaching effectiveness in this course

Scale: 1=Excellent 5=Poor

	College Total			University Total		
	Fall 2015	Spring 2016	Summer 2016	Fall 2015	Spring 2016	Summer 2016
Mean Rating	2.0	1.9	1.8	1.7	1.7	1.6

Source: Student Perception of Teaching Results, Fall 2015 to Summer 2016

II. Research, Creative & Scholarly Activities

A Assessment Goals and Outcomes for Research (reported separately)

B 1 Faculty Person Years and FTE Devoted to Research

Ocean and Mechanical Engineering

			Ocean and Mechanical Engineering			College Total	University Total
			2013 - 2014	2014 2015	2015 2016	2015- 2016	2015-2016
Departmental Research	--	Person -Years				0.1	0.9
		FTE				0.1	1.2
Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person -Years	3.1	4.7	8.0	19.6	141.8
		FTE	4.1	6.2	10.7	26.1	189.0
Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Person -Years				0.1	5.3
		FTE				0.1	7.0
Other personnel	--	Person -Years					6.5

				Ocean and Mechanical Engineering			College Total	University Total
				2013 - 2014	2014 - 2015	2015 - 2016	2015-2016	2015-2016
Sponsored Research	I paid on faculty pay plan	FTE						
				8.6				
	Total	Person -Years	3.1	4.7	8.0	19.7	154.4	
			FTE	4.1	6.2	10.7	26.3	205.8
	.	--		Person -Years				0.1
			FTE					0.1
	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor		Person -Years	2.9	1.6	1.3	5.7
			FTE					
					3.9	2.1	1.7	7.6
			Non-tenure-earning faculty		Instructors, Lecturers, Visiting Faculty	Person -Years	0.1	
	FTE	0.2					3.4	
		Other personnel paid on faculty pay plan	--	Person -Years	0.5		0.0	0.0
	FTE				0.7		0.0	0.0
Total			Person -Years	3.6	1.6	1.3	5.8	49.2
	FTE			4.8	2.1	1.7	7.7	65.6

Source: Instruction and Research File

'Other personnel paid on faculty pay plan' includes Scholar/Scientist/Engineer (all ranks), Research Assoc, Assoc In, Asst In, Postdoctoral Assoc

Includes summer, fall and spring semester data

Person-year= 1 person working full time for one year

1.00 FTE = .75 person-years

C 1-9 Research/Scholarly Productivity
Ocean and Mechanical Engineering

		Ocean and Mechanical Engineering			College Total	University Total
		2013-2014	2014-2015	2015 - 2016	2015-2016	2015-2016
1. Books (including monographs & compositions)	#	4	7	6	23	105
2. Other peer-reviewed publications	#	65	64	62	337	1,124
3. All other publications	#	19	14	19	83	582
4. Presentations at professional meetings or conferences	#	35	61	51	224	1,377
5. Productions/Performances/Exhibitions	#	0	4	2	10	233
6. Grant Proposals Submitted	#	28	44	72	148	419
Sponsored Research & Program Expenditures						
7. Organized Research	#	\$1,848,467	\$258,058	\$0	\$0	\$0
8. Sponsored Instruction	#	\$125,674	\$347,120	\$0	\$0	\$0
9. Other Sponsored Activities	#	\$0	\$0	\$0	\$0	\$0

Sources: College Dean's Office and Division of Research (Grant Proposals Submitted & Sponsored Research & Program Expenditures)

Note: Grant Proposals Submitted includes proposals administered by the Division of Research only. This number does not include funding proposals administered by the FAU Foundation

University Total Grant Proposals Submitted excludes proposals submitted by units outside the University's Colleges (e.g., IRM, Library).

Sponsored Research and Program Expenditures excludes expenditures by units outside the University's Colleges (e.g., Library, Henderson School).

Organized Research: All research and development activities of an institution that are separately budgeted and accounted for.

Sponsored Instruction: Instructional or training activity established by grant, contract, or cooperative agreement.

Other Sponsored Activities: Programs and projects financed by Federal and non Federal agencies and organizations which involve the performance of work other than instruction and organized research (e.g., health or community service projects).

D 1-9 Efficiency Data

Ocean and Mechanical Engineering

	Ocean and Mechanical Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
1. Books (including monographs & compositions) per faculty member	0.2	0.3	0.2	0.3	0.2
2. Other peer-review publications per faculty member	2.7	2.5	2.4	4.4	1.7
3. All other publications per faculty member	0.8	0.5	0.7	1.1	0.9
4. Presentations at professional meetings or conferences per faculty member	1.5	2.3	2.0	2.9	2.0
5. Productions/Performances/Exhibitions per faculty member	0.0	0.2	0.1	0.1	0.3
6. Grant proposals submitted per faculty member	1.2	1.7	2.8	1.9	0.6
Sponsored Research & Program Expenditures					

	Ocean and Mechanical Engineering			College Total	University Total
	2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
7. Organized research expenditures per faculty member	\$77,019	\$9,925	\$0	\$0	\$0
8. Sponsored instruction expenditures per faculty member	\$5,236	\$13,351	\$0	\$0	\$0
9. Other sponsored activity expenditures per faculty member	\$0	\$0	\$0	\$0	\$0

Scholarly output(Section II, C 1-9) per tenured and tenure earning faculty member (Section I B 1)

III. Service

A Assessment Goals and Outcomes for Service (reported separately)

B 1-3 Service Productivity

Ocean and Mechanical Engineering

		Ocean and Mechanical Engineering			College Total	University Total
		2013-2014	2014-2015	2015-2016	2015-2016	2015-2016
1. Faculty memberships on department, college or university committees	#	15	58	53	210	2,744
2. Faculty memberships on community or professional committees	#	13	56	45	182	1,039
3. Faculty serving as editors or referees for professional publications	#	14	18	18	59	523

Source: College Dean's Offices

C 1-3 Efficiency Data
Ocean and Mechanical Engineering

	Ocean and Mechanical Engineering			College Total	University Total
	2013- 2014	2014- 2015	2015- 2016	2015- 2016	2015-2016
1. Faculty memberships on department, college or university committees per faculty member	0.6	2.2	2.0	2.7	4.1
2. Faculty memberships on community or professional committees per faculty member	0.5	2.2	1.7	2.4	1.5
3. Faculty serving as editors or referees for professional publications per faculty member	0.6	0.7	0.7	0.8	0.8

Faculty committee memberships and faculty serving as editors or referees (Section III B 1-3) per tenured and tenure earning faculty member (Section I B 1)