

**2013-2014 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	
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014	
Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Total Headcount	24	24	24	66	631
		Total Person-Years	20.4	19.2	20.3	55.7	556.6
		Person-Years Devoted To Instruction	10.8	10.9	10.6	28.0	305.0
		Total FTE	27.1	25.6	27.1	74.3	742.1
		FTE Devoted to Instruction	14.3	14.5	14.1	37.3	406.7
Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Total Headcount	1	1	1	7	259
		Total Person-Years	0.7	0.9	0.7	6.1	217.4
		Person-Years Devoted To Instruction	0.4	0.5	0.6	4.7	178.6
		Total FTE	0.9	1.2	1.0	8.1	289.9

			Ocean and Mechanical Engineering			College Total	University Total
			2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Other personnel paid on faculty pay plan	Scholar/ Scientist/ Engineer, Research Assoc, Assoc In, Asst In, Postdoc Assoc	FTE Devoted to Instruction	0.6	0.7	0.8	6.3	238.1
		Total Headcount	4	3	1	3	67
		Total Person-Years	2.1	1.2	0.5	1.6	51.5
		Person-Years Devoted To Instruction	0.0	0.0	0.0	0.1	7.4
		Total FTE	2.9	1.6	0.7	2.2	68.7
		FTE Devoted to Instruction	0.0	0.0	0.0	0.2	9.9
Adjuncts	--	Total Headcount	2	3	1	15	600
		Total Person-Years	0.3	0.3	0.4	2.9	113.6
		Person-Years Devoted To Instruction	0.3	0.3	0.4	2.1	108.1
		Total FTE	0.4	0.4	0.5	3.9	151.5
		FTE Devoted to Instruction	0.4	0.4	0.5	2.9	144.2
		Total Headcount	47	44	52	148	1,143
Graduate Assistants	--						

		Ocean and Mechanical Engineering			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
		Total Person-Years				
		11.8	11.2	15.8	37.7	349.0
		Person-Years Devoted To Instruction				
		2.4	2.5	4.2	15.3	234.8
		Total FTE				
		15.7	15.0	21.1	50.2	465.4
		FTE Devoted to Instruction				
		3.2	3.3	5.6	20.4	313.1
Other	--	Total Headcount				
		3	3	4	13	249
		Total Person-Years				
		0.5	0.2	1.6	3.2	42.1
		Person-Years Devoted To Instruction				
		0.1	0.1	0.1	0.8	12.7
		Total FTE				
		0.6	0.3	2.1	4.3	56.1
		FTE Devoted to Instruction				
		0.1	0.1	0.1	1.1	17.0
Total		Total Headcount				
		81	78	83	252	2,949
		Total Person-Years				
		35.8	33.0	39.3	107.2	1,330.2
		Person-Years Devoted To Instruction				
		14.0	14.2	15.9	51.1	846.7

	Ocean and Mechanical Engineering			College Total	University Total
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Total FTE	47.7	44.0	52.5	143.0	1,773.6
FTE Devoted to Instruction	18.7	18.9	21.2	68.1	1,129.0

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
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
American Indian/Alaskan Native	Male					1
	Total					1
Asian or Pacific Islander		0		0	0	0
	Female				2	29
	Male	8	8	8	25	81
	Total	8	8	8	27	110

Instructional Faculty (Tenured, tenure-earning, & non-tenure-earning)		Ocean and Mechanical Engineering			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
Black (Not of Hispanic Origin)	Female					33
	Male				4	19
	Total				4	52
Hispanic						1
	Female				1	33
	Male	2	2	2	4	21
	Total	2	2	2	5	55
White (Not of Hispanic Origin)		1				
	Female				4	277
	Male	13	14	14	32	387
	Total	14	14	14	36	664
Total		1		0	0	1
	Female				7	372
	Male	23	24	24	65	509
	Total	24	24	24	72	882

Source: Instruction and Research File

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

Adjuncts		Ocean and Mechanical Engineering			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Asian or Pacific Islander	Female					13
	Male				2	10
	Total				2	23
Black (Not of Hispanic Origin)	Female					26
	Male					20
	Total					46
Hispanic	Female					10
	Male				1	11
	Total				1	21
White (Not of Hispanic Origin)	Female		1	1	2	290
	Male	2	2		10	220
	Total	2	3	1	12	510
Total	Female		1	1	2	339
	Male	2	2		13	261
	Total	2	3	1	15	600

Source: Instruction and Research File

B 3 Average Course Section Size and Percent of Sections Taught By Faculty
Ocean and Mechanical Engineering

Course Level	Type	Section # Offered	Ocean and Mechanical Engineering			College Total	University Total	
			2011-2012	2012-2013	2013-2014	2013-2014	2013-2014	
Undergraduate	Lecture/Seminar	# Offered	84	78	79	312	5,152	
			# Enrolled	2,291	2,399	2,610	10,253	195,222
			Avg Section Enrollment	27.3	30.8	33.0	32.9	37.9
		Section # Faculty Taught	76	73	68	265	3,565	
			% Taught	90.5	93.6	86.1	84.9	69.2
			Lab	# Offered	7	8	8	51
		# Enrolled			159	140	154	1,162
		Avg Section Enrollment		22.7	17.5	19.3	22.8	19.3
		Section # Faculty Taught		5	6	4	17	384
			% Taught	71.4	75.0	50.0	33.3	42.0

		Ocean and Mechanical Engineering			College Total	University Total	
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014	
Discussion	Sections Offered				19	270	
	# Enrolled				488	7,589	
	Avg Section Enrollment				25.7	28.1	
	Sections Faculty Taught				19	246	
	% Taught				100.0	91.1	
Other Course Types	Sections Offered	14	16	24	55	1,300	
	# Enrolled	48	42	41	100	8,149	
	Avg Section Enrollment	3.4	2.6	1.7	1.8	6.3	
	Sections Faculty Taught	14	16	22	51	984	
	% Taught	100.0	100.0	91.7	92.7	75.7	
Graduate	Lecture/Seminar	Sections					
			22	21	24	100	1,639

		Ocean and Mechanical Engineering			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
	Offered					
	# Enrolled	213	272	284	1,233	21,647
	Avg Section Enrollment	9.7	13.0	11.8	12.3	13.2
	Sections Offered	22	21	23	93	1,403
	Faculty Taught	100.0	100.0	95.8	93.0	85.6
	Lab Sections Offered					55
	# Enrolled					507
	Avg Section Enrollment					9.2
	Sections Offered					36
	Faculty Taught					65.5
Other Course Types	Sections Offered	85	70	82	248	1,979

	Ocean and Mechanical Engineering			College Total	University Total
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
# Enrolled	131	93	113	381	5,590
Avg Section Enrollment	1.5	1.3	1.4	1.5	2.8
Sections	84	70	82	235	1,848
Faculty Taught %	98.8	100.0	100.0	94.8	93.4

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
	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Professional							

	Ocean Engineering					College Total	University Total
	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2013-2014	2013-2014
Bachelors	207	238	174	142	133	2,423	28,919
Masters/Specialist	54	51	40	35	38	275	4,569
Doctoral	18	18	13	14	17	124	971
Unclassified							2,912
Total	279	307	227	191	188	2,822	37,558

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
	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2013-2014	2013-2014
Professional							187
Bachelors	321	346	272	294	302	2,423	28,919
Masters/Specialist	32	35	28	27	22	275	4,569
Doctoral	9	13	11	13	15	124	971
Unclassified							2,912
Total	362	394	311	334	339	2,822	37,558

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	
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014	
Professional	Asian or Pacific Islander	Female				14	
		Male				9	
		Total					23
	Black (Not of Hispanic Origin)	Female					7
		Male					1
		Total					8
	Hispanic	Female					20
		Male					7
		Total					27
	White (Not of Hispanic Origin)	Female					57
		Male					68
		Total					125
	Not Reported	Female					2
		Male					2
		Total					4
	Total	Female					100
		Male					87
		Total					187

		Ocean Engineering			College Total	University Total	
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014	
Undergraduate	American Indian/Alaskan Native	Female			2	92	
		Male			13	88	
		Total			15	180	
	Asian or Pacific Islander	Female	2	1	2	31	849
		Male	10	3	3	153	668
		Total	12	4	5	184	1,517
	Black (Not of Hispanic Origin)	Female	0			40	3,648
		Male	1	2	3	370	2,216
		Total	1	2	3	410	5,864
	Hispanic	Female	4	4	2	87	4,153
		Male	18	19	14	484	2,940
		Total	22	23	16	571	7,093
	White (Not of Hispanic Origin)	Female	26	17	19	127	7,204
		Male	107	90	84	957	6,070
		Total	133	107	103	1,084	13,274
	Non-Resident Alien	Female	1			19	342
		Male	5	5	5	95	287
		Total	6	5	5	114	629
	Not Reported	Female				4	213
		Male		1	1	41	149
Total			1	1	45	362	
Total	Female	33	22	23	310	16,501	
	Male	141	120	110	2,113	12,418	
	Total	174	142	133	2,423	28,919	
Graduate	American Indian/Alaskan Native	Female				15	
		Male	1	1	1	1	4
		Total	1	1	1	1	19

		Ocean Engineering			College Total	University Total	
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014	
	Asian or Pacific Islander	Female		1	1	12	148
		Male			1	24	114
		Total		1	2	36	262
	Black (Not of Hispanic Origin)	Female	1			7	652
		Male			1	23	243
		Total	1		1	30	895
	Hispanic	Female		1	2	11	495
		Male	3	3	3	65	346
		Total	3	4	5	76	841
	White (Not of Hispanic Origin)	Female	9	9	3	22	1,848
		Male	23	19	28	127	1,211
		Total	32	28	31	149	3,059
	Non-Resident Alien	Female	2	2	2	30	195
		Male	14	13	12	74	213
		Total	16	15	14	104	408
	Not Reported	Female					36
		Male			1	3	20
		Total			1	3	56
	Total	Female	12	13	8	82	3,389
		Male	41	36	47	317	2,151
		Total	53	49	55	399	5,540
Unclassified	American Indian/Alaskan Native	Female					1
		Male					3
		Total					4
	Asian or Pacific Islander	Female					136
		Male					124
		Total					260

		Ocean Engineering			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013- 2014	2013-2014
Black (Not of Hispanic Origin)	Female					276
	Male					136
	Total					412
Hispanic	Female					299
	Male					210
	Total					509
White (Not of Hispanic Origin)	Female					841
	Male					728
	Total					1,569
Non-Resident Alien	Female					62
	Male					67
	Total					129
Not Reported	Female					16
	Male					13
	Total					29
Total	Female					1,631
	Male					1,281
	Total					2,912

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.

Mechanical Engineering (Program CIP: 141901)

			Mechanical Engineering			College Total	University Total
			2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Professional	Asian or Pacific Islander	Female					14
		Male					9
		Total					23
	Black (Not of Hispanic Origin)	Female					7
		Male					1
		Total					8
	Hispanic	Female					20
		Male					7
		Total					27
	White (Not of Hispanic Origin)	Female					57
		Male					68
		Total					125
	Not Reported	Female					2
		Male					2
		Total					4
Total	Female					100	
	Male					87	
	Total					187	
Undergraduate	American Indian/Alaskan Native	Female				2	92
		Male	2	4	3	13	88
		Total	2	4	3	15	180
	Asian or Pacific Islander	Female	2	5	3	31	849
		Male	13	19	24	153	668
		Total	15	24	27	184	1,517
		Female	1	1	1	40	3,648

		Mechanical Engineering			College Total	University Total	
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014	
Graduate	Black (Not of Hispanic Origin)	Male	29	28	32	370	2,216
	Total	30	29	33	410	5,864	
	Hispanic	Female	6	7	8	87	4,153
		Male	62	56	53	484	2,940
		Total	68	63	61	571	7,093
	White (Not of Hispanic Origin)	Female	15	17	16	127	7,204
		Male	126	142	142	957	6,070
		Total	141	159	158	1,084	13,274
	Non-Resident Alien	Female		2	1	19	342
		Male	12	10	11	95	287
		Total	12	12	12	114	629
	Not Reported	Female				4	213
		Male	4	3	8	41	149
		Total	4	3	8	45	362
	Total	Female	24	32	29	310	16,501
		Male	248	262	273	2,113	12,418
		Total	272	294	302	2,423	28,919
		American Indian/Alaskan Native	Female				15
			Male			1	4
			Total			1	19
	Asian or Pacific Islander	Female			12	148	
		Male	1	1	24	114	
		Total	1	1	36	262	
	Black (Not of Hispanic Origin)	Female			7	652	
		Male	4	3	2	23	243
		Total	4	3	2	30	895
	Hispanic	Female	2	2	2	11	495

		Mechanical Engineering			College Total	University Total	
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014	
Unclassified	Male	5	7	6	65	346	
	Total	7	9	8	76	841	
	White (Not of Hispanic Origin)	Female	1	2	4	22	1,848
	Male	17	15	14	127	1,211	
	Total	18	17	18	149	3,059	
	Non-Resident Alien	Female	3	4	2	30	195
	Male	6	6	6	74	213	
	Total	9	10	8	104	408	
	Not Reported	Female					36
	Male	1			3	20	
	Total	1			3	56	
	Total	Female	6	8	8	82	3,389
	Male	33	32	29	317	2,151	
	Total	39	40	37	399	5,540	
	American Indian/Alaskan Native	Female					1
Male						3	
Total						4	
Asian or Pacific Islander	Female					136	
Male						124	
Total						260	
Black (Not of Hispanic Origin)	Female					276	
Male						136	
Total						412	
Hispanic	Female					299	
Male						210	
Total						509	
	Female					841	

		Mechanical Engineering			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
White (Not of Hispanic Origin)	Male					728
	Total					1,569
Non-Resident Alien	Female					62
	Male					67
	Total					129
Not Reported	Female					16
	Male					13
	Total					29
Total	Female					1,631
	Male					1,281
	Total					2,912

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
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Undergraduate Total (excluding FEEDS)	179.2	184.2	199.9	751.4	15,476.7
Undergraduate FEEDS	4.7	5.2	7.1	50.2	50.2
Graduate Total (excluding FEEDS)	29.2	25.5	33.7	119.9	2,158.9
Grad I	21.0	18.7	22.9	80.1	1,765.8
Grad II	8.2	6.9	10.8	39.8	393.1
Classroom	16.2	18.3	22.3	85.4	2,027.7
Thesis-Dissertation	13.0	7.3	11.4	34.5	131.2
Graduate FEEDS	5.6	8.1	5.8	36.4	36.4
Total (excluding FEEDS)	208.4	209.8	233.6	871.3	17,635.6
Grand Total (Including FEEDS)	218.8	223.0	246.5	957.8	17,722.2

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.

		Courses offered by:				
		Ocean and Mechanical Engineering			College of Engineering	University Total
		2011- 2012	2012- 2013	2013- 2014	2013-2014	2013-2014
Course Level	FTE produced by students who are:					
Lower Division Undergraduate	Majors within the department	15.4	10.3	12.2	58.6	727.9
	Majors outside the department, but within the college	5.0	7.4	9.3	53.2	1,753.5
	Majors outside the college	5.2	4.1	2.7	72.6	4,312.6
	Total	25.6	21.9	24.2	184.3	6,794.0
Upper Division Undergraduate	FTE produced by students who are:					
	Majors within the department	133.0	143.1	156.4	499.0	5,096.5
	Majors outside the department, but within the college	22.2	20.1	21.7	87.7	2,434.0
	Majors outside the college	3.2	4.4	4.6	30.5	1,202.4
	Total	158.4	167.6	182.8	617.2	8,732.9
Graduate	FTE produced by students who are:					
	Majors within the department	32.9	30.4	37.4	145.2	1,749.1
	Majors outside the department, but within the college	1.2	1.9	1.5	3.1	303.7
	Majors outside the college	0.7	1.3	0.7	8.0	142.5
	Total	34.8	33.6	39.5	156.3	2,195.3

		Courses offered by:				
		Ocean and Mechanical Engineering			College of Engineering	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Total	FTE produced by students who are:					
	Majors within the department	181.3	183.8	206.0	702.8	7,573.6
	Majors outside the department, but within the college	28.4	29.4	32.6	144.0	4,491.2
	Majors outside the college	9.1	9.8	7.9	111.1	5,657.4
	Total	218.8	223.0	246.5	957.8	17,722.2

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
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
	Degrees awarded with a:					
Associates	Single major					353.0
	All					353.0
Bachelors	Degrees awarded with a:	22.0	31.0	28.0	339.0	4,813.0

		Ocean Engineering			College Total	University Total
		2011- 2012	2012- 2013	2013- 2014	2013-2014	2013-2014
	Single major					
	Double or triple major				1.0	204.0
	All	22.0	31.0	28.0	340.0	5,017.0
Masters	Degrees awarded with a:					
	Single major	17.0	14.0	22.0	111.0	1,355.0
	All	17.0	14.0	22.0	111.0	1,355.0
Specialist	Degrees awarded with a:					
	Single major					35.0
	All					35.0
Doctorate	Degrees awarded with a:					
	Single major	3.0	3.0	2.0	14.0	128.0
	All	3.0	3.0	2.0	14.0	128.0
Total	Degrees awarded with a:					
	Single major	42.0	48.0	52.0	464.0	6,684.0
	Double or triple major				1.0	204.0
	All	42.0	48.0	52.0	465.0	6,888.0

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
		2011- 2012	2012- 2013	2013- 2014	2013-2014	2013-2014
	Degrees awarded with a:					
Associates	Single major					353.0
	All					353.0
Bachelors	Degrees awarded with a:					
	Single major	26.0	52.0	64.0	339.0	4,813.0
	Double or triple major				1.0	204.0
	All	26.0	52.0	64.0	340.0	5,017.0
Masters	Degrees awarded with a:					
	Single major	8.0	4.0	10.0	111.0	1,355.0
	All	8.0	4.0	10.0	111.0	1,355.0
Specialist	Degrees awarded with a:					
	Single major					35.0
	All					35.0
Doctorate	Degrees awarded with a:					
	Single major	2.0	1.0	2.0	14.0	128.0
	All	2.0	1.0	2.0	14.0	128.0
Total	Degrees awarded with a:					
	Single major	36.0	57.0	76.0	464.0	6,684.0

	Mechanical Engineering			College Total	University Total
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Double or triple major				1.0	204.0
All	36.0	57.0	76.0	465.0	6,888.0

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 Annualized FTE Produced Per Instructional Person-Year
Ocean and Mechanical Engineering

	Ocean and Mechanical Engineering			College Total	University Total
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Undergraduate	13.1	13.3	13.0	15.7	18.3
Graduate	2.5	2.4	2.5	3.1	2.6
Total	15.6	15.7	15.5	18.8	20.9

Source: Instruction and Research File and Student Data Course File

Includes Instructional Person-Years from all personnel categories.

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
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Associates	0	0	0	0	0.7
Bachelors	2.0	2.7	2.5	10.4	10.4
Masters	1.5	1.2	2.0	3.4	2.8
Specialist	0	0	0	0	0.1
Doctorate	0.3	0.3	0.2	0.4	0.3
Total	3.8	4.2	4.7	14.2	14.2

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
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Associates	0	0	0	0	0.7
Bachelors	2.3	4.6	5.7	10.4	10.4
Masters	0.7	0.4	0.9	3.4	2.8
Specialist	0	0	0	0	0.1
Doctorate	0.2	0.1	0.2	0.4	0.3
Total	3.2	5.0	6.8	14.2	14.2

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 of Quality of Instruction (item 20) and Instructor (item 21) from Student Perception of Teaching (SPOT)

Ocean and Mechanical Engineering

		20. Rate the quality of instruction as it contributed to your learning in the course.				
Scale 1=Excellent 5=Poor		Ocean and Mechanical Engineering			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Undergraduate	# Sections	85	81	45	188	3,329
	Mean Rating	2.3	2.3	2.3	2.2	1.9
Graduate	# Sections	14	19	10	36	562
	Mean Rating	2.0	2.0	1.8	1.9	1.6
Total	# Sections	99	100	55	224	3,891
	Mean Rating	2.2	2.2	2.2	2.1	1.8

Source: Student Perception of Teaching Results, Summer 2011 to Fall 2013

Effectiveness Data

E 1 Rating of Quality of Instruction (item 20) and Instructor (item 21) from Student Perception of Teaching (SPOT)

Ocean and Mechanical Engineering

21. What is your rating of this instructor compared to other instructors you have had?

Scale: 1=One of Most Effective 5=One of Least Effective		Ocean and Mechanical Engineering			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Undergraduate	# Sections	85	81	45	188	3,329
	Mean Rating	2.3	2.3	2.3	2.3	2.0
Graduate	# Sections	14	19	10	36	562
	Mean Rating	2.2	2.2	2.0	2.1	1.9
Total	# Sections	99	100	55	224	3,891
	Mean Rating	2.3	2.3	2.3	2.2	2.0

Source: Student Perception of Teaching Results, Summer 2011 to Fall 2013

E 2 Mean Rating of Satisfaction With Instruction & Advising In Program

Ocean and Mechanical Engineering

			Ocean and Mechanical Engineering					College	University		
								Total	Total		
			2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	2012-2013	2012-2013	
			1	3	5	7	9	1	3		
Student Level	Undergraduate	Quality of courses in degree program	24	57	53	55	45	52	56	166	2,211
		# Responses									
		Mean	2.5	2.7	2.7	3.1	3.2	3.3	2.4	2.6	3.0
		Quality of instructors in degree program	24	55	51	55	44	51	51	157	2,137
		# Responses									
		Mean	2.2	2.8	2.8	3.1	3.1	3.0	2.3	2.7	3.0
		Quality of advising in college advising office	21	54	49	51	41	49	54	159	1,933
		# Responses									
		Mean	2.1	2.8	2.8	3.0	3.4	3.1	2.3	2.7	2.8
		Quality of advising by faculty	21	48	49	41	40	44	45	138	1,808
		# Responses									
		Mean	2.1	2.8	2.8	3.0	3.2	3.1	2.2	2.6	2.9

			Ocean and Mechanical Engineering					College	University		
								Total	Total		
			2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	2012-2013	2012-2013	
Graduate	Quality of courses in degree program	# Responses	4	29	10	16	24	11	5	10	476
		Mean	2.5	2.7	3.1	3.1	2.9	3.0	3.4	3.3	3.1
	Quality of instructors in degree program	# Responses	4	28	9	16	24	12	5	10	461
		Mean	2.7	3.0	3.1	3.2	3.2	3.1	3.4	3.2	3.2
	Quality of advising in college advising office	# Responses	3	17	7	12	13	10	3	6	308
		Mean	2.3	2.7	2.5	2.5	2.9	3.1	3.3	2.8	3.0
	Quality of advising by faculty	# Responses	4	25	10	15	19	12	5	7	358
		Mean	2.5	3.0	2.7	2.7	3.1	3.0	3.2	3.0	3.1

Scale 1=Poor 4=Excellent

Source: Student Satisfaction Survey

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
				2011	2012	2013	2013-2014	2013-2014
				-	-	-	2014	
				2012	2013	2014		
Departmental Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person -Years	3.1	2.9	3.1	8.0	98.6
			FTE	4.2	3.9	4.1	10.7	131.5
	Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Person -Years	0.0			0.2	6.0
			FTE	0.0			0.2	8.0
	Other personnel paid on faculty pay plan	--	Person -Years					11.2
		FTE					14.9	
	Total		Person -Years	3.1	2.9	3.1	8.2	115.8
			FTE	4.2	3.9	4.1	11.0	154.4
Sponsored Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person -Years	3.5	2.5	2.9	4.8	24.9
			FTE	4.7	3.4	3.9	6.4	33.2
	Non-tenure-	Instructors, Lecturers,	Person -Years	0.0	0.1	0.1	0.1	5.1

			Ocean and Mechanical Engineering			College Total	University Total
			2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
earning faculty	Visiting Faculty	FTE	0.0	0.1	0.2	0.2	6.8
Other personnel paid on faculty pay plan	--	Person-Years	2.1	1.2	0.5	1.5	25.6
		FTE	2.9	1.6	0.7	2.0	34.2
Total		Person-Years	5.7	3.8	3.6	6.5	55.7
		FTE	7.6	5.1	4.8	8.6	74.2

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
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
1. Books (including monographs & compositions)	#	2	2	4	28	114

		Ocean and Mechanical Engineering			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
2. Other peer-reviewed publications	#	48	79	65	176	1,019
3. All other publications	#	29	34	19	71	565
4. Presentations at professional meetings or conferences	#	34	66	35	240	1,517
5. Productions/Performances/Exhibitions	#	2	0	0	13	330
6. Grant Proposals Submitted	#	49	31	28	75	379
Sponsored Research & Program Expenditures						
7. Organized Research	#	\$4,503,034	\$3,185,866	\$1,848,467	\$4,145,177	\$14,695,039
8. Sponsored Instruction	#	\$42,230	\$137,294	\$125,674	\$267,006	\$5,452,045
9. Other Sponsored Activities	#	\$38,689	\$0	\$0	\$45,549	\$3,337,595

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
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
1. Books (including monographs & compositions) per faculty member	0.1	0.1	0.2	0.4	0.2
2. Other peer-review publications per faculty member	2.0	3.3	2.7	2.7	1.6
3. All other publications per faculty member	1.2	1.4	0.8	1.1	0.9
4. Presentations at professional meetings or conferences per faculty member	1.4	2.8	1.5	3.6	2.4
5. Productions/Performances/Exhibitions per faculty member	0.1	0.0	0.0	0.2	0.5
6. Grant proposals submitted per faculty member	2.0	1.3	1.2	1.1	0.6
Sponsored Research & Program Expenditures					
7. Organized research expenditures per faculty member	\$187,626	\$132,744	\$77,019	\$62,806	\$23,288
8. Sponsored instruction expenditures per faculty member	\$1,760	\$5,721	\$5,236	\$4,046	\$8,640
9. Other sponsored activity expenditures per faculty member	\$1,612	\$0	\$0	\$690	\$5,289

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
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
1. Faculty memberships on department, college or university committees	#	34	22	15	105	2,534
2. Faculty memberships on community or professional committees	#	24	17	13	89	1,000
3. Faculty serving as editors or referees for professional publications	#	14	17	14	122	654

Source: College Dean's Offices

C 1-3 Efficiency Data

Ocean and Mechanical Engineering

		Ocean and Mechanical Engineering			College Total	University Total
		2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
1. Faculty memberships on department, college or university committees per faculty member		1.4	0.9	0.6	1.6	4.0

	Ocean and Mechanical Engineering			College Total	University Total
	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
2. Faculty memberships on community or professional committees per faculty member	1.0	0.7	0.5	1.3	1.6
3. Faculty serving as editors or referees for professional publications per faculty member	0.6	0.7	0.6	1.8	1.0

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)