Detail of Fee Request (Form 77.3B)

Course	Course Description	Туре	GL#	Description	Cost Per Year	Cost Per Course	Cost Per Student	Comments / Vendor Item	New Lab Fee	Current Lab Fee	Change in Fee	Percentage of Change	Reason for Change
MTE40040	Marine Diesel Engine	Equipment (long-term)	71020	5 Diesel Engines	577	288	18	Purchased From					
MTE1001C	Overhaul	Supplies	65501	Technical Manuals	29	14	1						
		Supplies	65501	Misc Engine Parts Parts Under \$50	781	390	24						
		Supplies	65501	Misc Engine Parts Parts Over \$100	1,358	679	42						
		Supplies	65501	Misc Engine Parts Parts Over \$250	211	106	7						
16	Est. No. of Students	Tools	65501	Mechanics Tool Set	423	211	13						
2	Offered Per Year	Specialized Tools	65501	Specialized Tools	133	66	4						
		Fuel	64005	Fuel	60	30	2						
		Maintenance Materials	66001	Oil, Lubrication Supplies	242	121	8						No change
		Service	64006	Hazardous Waste Disposal	54	27	2						_
		Other Service	64500	Engine Maintennance	604	302	19						
		Personnel	57000	Lab Assistant	1,588	794	50	15.88 per hour for 50 hours					
		Membership	64502	ABYC Membership	240	120	7	•					
		Capital	70601	Dynamometer	76	38	2						
		Capital	70601	Engine Hoists	440	220	14						
		Capital	70601	Diagnostic Software	680	340	21						
		oup.tu.		Total	7,495	3,748	234		\$ 234.00	\$ 234.00	s -	0.00%	
					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Type	GL#	Description	Year	Course	Student	Comments / Vendor Item	Lab Fee	Lab Fee	Fee	Change	Reason for Change
Course	Course Description	Type	OL#	Description	i cai	Course	Ottudent	Purchased From	Labiee	Labiee	ree	Change	rtodoon for Change
	Introduction to Marine	Supplies	65501	Misc. Tools and Safety Equipment	500	500	71	Fulcilaseu Fiolii					
MTE1002	Engineering	Capital	70501	Dynamometer	17	17	2						
7	Est. No. of Students	Service	64006	Hazardous Waste Disposal	12	12	2						
1	Offered Per Year	Membership	64502	ABYC Membership	52	52	7						New Course
•	Officied Feb Feb	Capital	70601	Engine Hoists	96	96	14						
		Сарітаі	70001	Total	677	677	97		\$ 97.00	¢ -	\$ 97	100.00%	
				Total	Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Туре	GL#	Description	Year	Course	Student	Comments / Vendor Item Purchased From	Lab Fee	Lab Fee	Fee	Change	Reason for Change
MTE1042C	Marine Diesel Systems	Equipment (long-term)	71020	5 Diesel Engines	180	180	18						
VITE 1042C	Marine Dieser Systems	Supplies	65501	Technical Manuals	9	9	1						
		Supplies	65501	Misc Engine Parts Parts Under \$50	244	244	24						
		Supplies	65501	Misc Engine Parts Parts Over \$100	425	425	42						
10	Est. No. of Students	Supplies	65501	Misc Engine Parts Parts Over \$250	66	66	7						
1	Offered Per Year	Tools	65501	Mechanics Tool Set	132	132	13						
-		Specialized Tools	65501	Specialized Tools	41	41	4						
		Fuel	64005	Fuel	19	19	2						
		Maintenance Materials	66001	Oil, Lubrication Supplies	75	75	8						No change
		Service	64006	Hazardous Waste Disposal	17	17	2						140 ondrige
		Other Service	64500	Engine Maintennance	189	189	19						
		Personnel	57000	Lab Assistant	794	794	79	15.88 per hour for 50 hours					
		Membership	64502	ABYC Membership	75	75	7 7	13.86 per flour for 30 flours					
						24	2						
		Capital	70601	Dynamometer	24		14						
		Capital	70601	Engine Hoists	138	138							
		Capital	70601	Diagnostic Software Total	213 2.640	213 2.640	21 264				•	0.00%	
				Total						\$ 264.00	φ -		
Course	Course Description	Туре	GL#	Description	Cost Per Year	Cost Per Course	Cost Per Student	Comments / Vendor Item Purchased From	New Lab Fee	Current Lab Fee	Fee Fee	Percentage of Change	Reason for Change
MTEARER	2 & 4 Cycle Outboard	Equipment (long-term)	71020	20 Outboard Engines	520	520	35	T MI OTHER OWN T TOTAL					
MTE1052	Engine Theory	Supplies	65501	Technical Manuals	51	51	3						
	2.19.110 1110017	Сарриос		Misc Parts for 25 HP Evinrude Under	0.	0.	· ·						
		Supplies	65501	\$100	80	80	5						
15	Est. No. of Students	Supplies	65501	Misc Parts for 25 HP Evinrude Over \$100	161	161	11						
	Lat. No. of Students	Outhhies		Misc Parts for 9.9 HP Johnson Under	101	101	- 11						
	Offered Dan V	Complian	65501		4.0	40							
1	Offered Per Year	Supplies		\$100	16	16	1						
		0 "	65501	Misc. Parts for 9.9 HP Johnson Over									No change
		Supplies		\$100	161	161	11						.
		Specialized Tools	65501	Specialized Tools	236	236	16						
							4				1		
		Maint Supplies	66001	Oil, Lubrication Supplies	58	58							
				Oil, Lubrication Supplies Hazardous Waste Disposal	27	27	2						
		Maint Supplies	66001					15.88 per hour for 20 hours					
		Maint Supplies Service	66001 64006	Hazardous Waste Disposal	27	27	2	15.88 per hour for 20 hours					
		Maint Supplies Service Personnel Membership	66001 64006 57000	Hazardous Waste Disposal Lab Assistant	27 675	27 675	2 45	15.88 per hour for 20 hours					
		Maint Supplies Service Personnel	66001 64006 57000 64502	Hazardous Waste Disposal Lab Assistant ABYC Membership	27 675 112	27 675 112	2 45 7	15.88 per hour for 20 hours					

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Detail of Fee Request (Form 77.3B)

					Cost Per	Cost Per	Cost Per		New	Current	Change in	Dorsontons of	
Course	Course Description	Type	GL#	Description	Year	Cost Per	Student	Comments / Vendor Item	Lab Fee	Lab Fee	Fee	Percentage of Change	Reason for Change
Course	·	-		·				Purchased From		Lab ree	ree	Change	Reason for Change
MTE1053C	2 & 4 Cycle Outboard Rep	Equipment (long-term)	71020	20 Outboard Engines	893	223	13 0	(J				
	& Maint	Supplies	65501	Technical Manuals	29	7							
		Supplies	65501 65501	Misc Engine Parts Parts Under \$50	789	197 421	12 25						
47	Est. No. of Students	Supplies		Misc Engine Parts Parts Over \$100	1,685 214	421 54	25 3						
17	Offered Per Year	Supplies	65501	Misc Engine Parts Parts Over \$250									
4	Offered Per Year	Tools	65501	Mechanics Tool Set Specialized Tools	858 135	214 34	13 2						
		Specialized Tools	65501	Fuel	61	34 15	1						
		Fuel Maintenance Supplies	64005 66001		245	61	4						No change
		Service		Oil, Lubrication Supplies Hazardous Waste Disposal	114	29	2						
		Other Service	64006 64500	Engine Maintennance	3.063	766	45						
		Personnel	57000	Lab Assistant	3,063	794		15.88 per hour for 50 hours					
		Membership	64502	ABYC Membership	509	127	7	13.00 per flour for 30 flours					
		Capital	70601	Engine Hoists	936	234	14						
		Supplies	65501	Introduction to Outboard Engines	6,052	1,513	89						
		Supplies	03301	Total	18,759	4,690	276		\$ 276.00	\$ 276.00	¢	0.00%	
				Total	Cost Per	Cost Per	Cost Per		New	Current	Change in		
Course	Course Description	Туре	GL#	Description	Year	Course	Student	Comments / Vendor Item Purchased From	Lab Fee	Lab Fee	Fee	Change	Reason for Change
	Marine Ignition and Fuel	Equipment (long-term)	71020	20 Outboard Engines	210	105	13	Fulcilaseu Fiolii					
MTE1166C	Systems	Supplies	65501	Technical Manuals	7	3	0						
	-,	Supplies	65501	Misc Engine Parts Parts Under \$50	186	93	12						
		Supplies	65501	Misc Engine Parts Parts Over \$100	396	198	25						
8	Est. No. of Students	Supplies	65501	Misc Engine Parts Parts Over \$250	50	25	3						
2	Offered Per Year	Tools	65501	Mechanics Tool Set	202	101	13						
		Specialized Tools	65501	Specialized Tools	32	16	2						
		Fuel	64005	Fuel	14	7	1						
		Maintenance Supplies	66001	Oil, Lubrication Supplies	58	29	4						No change
		Service	64006	Hazardous Waste Disposal	27	13	2						
		Other Service	64500	Engine Maintennance	721	360	45						
		Personnel	57000	Lab Assistant	1,588	794	99	15.88 per hour for 50 hours					
		Membership	64502	ABYC Membership	120	60	7	·					
		Capital	70601	Dynamometer .	38	19	2						
		Capital	70601	Engine Hoists	220	110	14						
				Total	3,869	1,934	242		\$ 242.00	\$ 242.00	\$ -	0.00%	
					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Type	GL#	Description	Year	Course	Student	Comments / Vendor Item	Lab Fee	Lab Fee	Fee	Change	Reason for Change
								Purchased From					
		Equipment (long-term)	71020	20 Outboard Engines	341	171	13						
MTE1180C	Marine Engine Installation												
	and Repowering Processes	Cumplion	65501	Technical Manuals	44	6	0				1		
		Supplies	65501	Misc Engine Parts Parts Under \$50	11 302	6 151	12				1		
13	Est. No. of Students	Supplies Supplies	65501	Misc Engine Parts Parts Under \$50 Misc Engine Parts Parts Over \$100	302 644	322	12 25				1		
2	Offered Per Year	Supplies	65501	Misc Engine Parts Parts Over \$100	82	41	25						
_	Chareu i ei Teal	Tools	65501	Mechanics Tool Set	328	164	13				1		
		Specialized Tools	65501	Specialized Tools	52 52	26	2				1		
		Fuel	64005	Fuel	23	12	1						
		Maintenance Supplies	66001	Oil, Lubrication Supplies	94	47	4				1		No change
		Service	64006	Hazardous Waste Disposal	44	22	2						NO change
		Other Service	64500	Engine Maintennance	1,171	586	45				1		
		Membership	64502	ABYC Membership	195	97	7						
		Personnel	57000	Lab Assistant	1,586	793		15.88 per hour for 50 hours			1		
		Capital	70601	Dynamometer	1,566	31	2	10.00 per flour for 50 flours			1		
		Capital	70601	Engine Hoists	358	179	14						
		Oupital	7 000 1	Engine Holata	330	119	14	\$1800 / # students in MTE1180C and			1		
			70601					MTE2541C per year divided by 5					
		Capital	70001	Pedestal Rack and Pinion Steering	203	102	0	years					
		Ouphai		Total	5.496	2.748	211	jours	\$ 211 00	\$ 211.00	s -	0.00%	
				i Viui	3,430	4,170	411		Ψ 211.00	Ψ 411.00	Ψ -	0.0076	

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Detail of Fee Request (Form 77.3B)

					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Туре	GL#	Description	Year	Course	Student	Comments / Vendor Item Purchased From	Lab Fee	Lab Fee	Fee	Change	Reason for Change
MTE1300C	Intro to Fiberglass Boating	Supplies	65501	Fiberglass	292	292	42	1 4.0.14004 1.011					
WILLIOUC	intio to Fiberglass boating	Supplies	65501	Resin	292	292	42						
		Tools	65501	Tools	146	146	21						
7	Est. No. of Students	Specialized Tools	65501	Specialized Tools	146	146	21						
1	Offered Per Year	Service	64006	Hazardous Waste Disposal	12	12	2						No change
		PT Employee	57000	PT Temporary	794	794	113	15.88 per hour for 50 hours					No change
		Membership	64502	ABYC Membership	52	52	7						
		Capital	70601	Dynamometer	17	17	2						
		Capital	70601	Engine Hoists	96	96	14						
		•		Total	1,846	1,846	264		\$ 264.00	\$ 264.00	\$ -	0.00%	
					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Туре	GL#	Description	Year	Course	Student	Comments / Vendor Item Purchased From	Lab Fee	Lab Fee	Fee	Change	Reason for Change
		Supplies	65501	Fiberglass	292	292	42	Fulcilased Fiolii					
MTE1302C	Advanced Fiberglass Boat	Supplies	65501	Resin	292	292	42						
	and Accessory Construction	Tools	65501	Tools	146	146	21						
		Specialized Tools	65501	Specialized Tools	146	146	21						
7	Est. No. of Students	Service	64006	Hazardous Waste Disposal	12	140	21						
1	Offered Per Year	PT Employee	57000	PT Temporary	476	476		15.88 per hour for 30 hours					No change
1	Offered Per Year			ABYC Membership	476 52	476 52	7	15.66 per flour for 50 flours					
		Membership	64502	Dvnamometer	52 17	52 17	2						
		Capital	70601				14						
		Capital	70601	Engine Hoists	96	96	218					0.000/	
				Total	1,529	1,529			\$ 218.00		\$ -	0.00%	
		_		_	Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	Danaar fan Channa
Course	Course Description	Type	GL#	Description	Year	Course	Student	Comments / Vendor Item	Lab Fee	Lab Fee	Fee	Change	Reason for Change
	Fiberglass Boat Repair &	Supplies	65501	Fiberglass	750	375	42	Purchased From					
MTE1371C	Maint	Supplies	65501	Resin	750 750	375	42						
	iviairit	Tools	65501	Tools	375	188	21						
9	Est. No. of Students	Specialized Tools	65501	Specialized Tools	375 375	188	21						
2	Offered Per Year				3/5	158	2						
2	Offered Per Year	Service	64006	Hazardous Waste Disposal				15.00					
		PT Employee	57000	PT Temporary	1,588	794	88	15.88 per hour for 50 hours					
		Membership	64502	ABYC Membership	135	67	/						
		Travel - Student	60506	(1) 12 Passenger Van (@\$65) x (1) field				AVIS or other vendor as available					
		maron otaaom	00300										
				trip x (2) days	260	130	14						No change
		Fuel, Vehicular	64005	trip x (2) days Fuel for (1) van for (1) field trip roundtrip				Total miles / 14 miles per gallon *\$3.50					No change
				trip x (2) days	260 400	130 200		Total miles / 14 miles per gallon *\$3.50 Gallon (rounded up)					No change
				trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x									No change
		Fuel, Vehicular	64005	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles)	400	200	22						No change
		Fuel, Vehicular	64005	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x	400 3,000	200 1,500	22 167						No change
		Fuel, Vehicular	64005	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x	400	200	22						No change
		Fuel, Vehicular Travel - Student	64005 60506	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists	3,000 43 248	200 1,500 21 124	22 167 2 14						no change
		Fuel, Vehicular Travel - Student Capital	64005 60506 70601	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer	400 3,000 43	200 1,500 21	22 167 2		\$ 442.00	\$ 442. <u>0</u> 0	\$ -	0.00%	No Change
		Fuel, Vehicular Travel - Student Capital	64005 60506 70601	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists	3,000 43 248	200 1,500 21 124	22 167 2 14		\$ 442.00 New	\$ 442.00 Current	\$Change in	0.00% Percentage of	No Change
Course	Course Description	Fuel, Vehicular Travel - Student Capital	64005 60506 70601	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists	3,000 43 248 7,953	200 1,500 21 124 3,977	22 167 2 14 442				\$ - Change in Fee		Reason for Change
Course	Course Description	Fuel, Vehicular Travel - Student Capital Capital	64005 60506 70601 70601	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total	3,000 43 248 7,953 Cost Per	1,500 21 124 3,977 Cost Per	22 167 2 14 442 Cost Per	Gallon (rounded up)	New	Current		Percentage of	ŭ
	·	Fuel, Vehicular Travel - Student Capital Capital	64005 60506 70601 70601	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total	3,000 43 248 7,953 Cost Per	1,500 21 124 3,977 Cost Per	22 167 2 14 442 Cost Per	Gallon (rounded up) Comments / Vendor Item	New	Current		Percentage of	ŭ
	Course Description Applied Marine Electricity	Fuel, Vehicular Travel - Student Capital Capital Type	64005 60506 70601 70601	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total Description	3,000 43 248 7,953 Cost Per Year	1,500 21 124 3,977 Cost Per Course	167 2 14 442 Cost Per Student	Gallon (rounded up) Comments / Vendor Item	New	Current		Percentage of	ŭ
	·	Fuel, Vehicular Travel - Student Capital Capital Type Tools Tools	64005 60506 70601 70601 GL#	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total Description Multimeters	3,000 43 248 7,953 Cost Per Year	1,500 21 124 3,977 Cost Per Course	22 167 2 14 442 Cost Per Student	Gallon (rounded up) Comments / Vendor Item	New	Current		Percentage of	ŭ
MTE1400C	Applied Marine Electricity	Fuel, Vehicular Travel - Student Capital Capital Type Tools Tools Supplies	64005 60506 70601 70601 GL# 65501 65501 65501	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total Description Multimeters Misc Tools Wire	3,000 43 248 7,953 Cost Per Year 398 400 1,000	200 1,500 21 124 3,977 Cost Per Course 199 200 500	22 167 2 14 442 Cost Per Student 12 12 29	Gallon (rounded up) Comments / Vendor Item	New	Current		Percentage of	ŭ
MTE1400C	Applied Marine Electricity Est. No. of Students	Fuel, Vehicular Travel - Student Capital Capital Type Tools Tools Supplies Supplies	64005 60506 70601 70601 GL# 65501 65501 65501 65501	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total Description Multimeters Misc Tools Wire Wire Consumables	3,000 43 248 7,953 Cost Per Year 398 400 1,000	1,500 21 124 3,977 Cost Per Course 199 200 500 500	22 167 2 14 442 Cost Per Student 12 12 29 29	Comments / Vendor Item Purchased From	New	Current		Percentage of	Reason for Change
MTE1400C	Applied Marine Electricity	Fuel, Vehicular Travel - Student Capital Capital Type Tools Tools Supplies Supplies Service	64005 60506 70601 70601 GL# 65501 65501 65501 64006	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total Description Multimeters Misc Tools Wire Wire Consumables Hazardous Waste Disposal	3,000 43 248 7,953 Cost Per Year 398 400 1,000 1,000	200 1,500 21 124 3,977 Cost Per Course 199 200 500 500 62	22 167 2 14 442 Cost Per Student 12 12 29 29 4	Gallon (rounded up) Comments / Vendor Item	New	Current		Percentage of	ŭ
MTE1400C	Applied Marine Electricity Est. No. of Students	Fuel, Vehicular Travel - Student Capital Capital Type Tools Tools Supplies Supplies Service Supplies	64005 60506 70601 70601 GL# 65501 65501 65501 64006 65501	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total Description Multimeters Misc Tools Wire Wire Consumables Hazardous Waste Disposal Batteries	3,000 43 248 7,953 Cost Per Year 398 400 1,000 1,000 124 2,000	200 1,500 21 124 3,977 Cost Per Course 199 200 500 602 62 1,000	22 167 2 14 442 Cost Per Student 12 12 29 29 4 59	Comments / Vendor Item Purchased From Triumvirate	New	Current		Percentage of	Reason for Change
MTE1400C	Applied Marine Electricity Est. No. of Students	Fuel, Vehicular Travel - Student Capital Capital Type Tools Tools Supplies Supplies Service Supplies Membership	64005 60506 70601 70601 GL# 65501 65501 65501 64006 65501 64502	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total Description Multimeters Misc Tools Wire Wire Consumables Hazardous Waste Disposal Batteries ABYC Membership	3,000 43 248 7,953 Cost Per Year 398 400 1,000 1,000 124 2,000 255	1,500 21 124 3,977 Cost Per Course 199 200 500 62 1,000 127	22 167 2 14 442 Cost Per Student 12 12 29 29 4 59 7	Comments / Vendor Item Purchased From	New	Current		Percentage of	Reason for Change
MTE1400C	Applied Marine Electricity Est. No. of Students	Fuel, Vehicular Travel - Student Capital Type Tools Tools Supplies Supplies Service Supplies Membership Capital	64005 60506 70601 70601 GL# 65501 65501 65501 64006 65501 64502 70601	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total Description Multimeters Misc Tools Wire Wire Consumables Hazardous Waste Disposal Batteries ABYC Membership Dynamometer	3,000 43 248 7,953 Cost Per Year 398 400 1,000 1,000 124 2,000 255 81	200 1,500 21 124 3,977 Cost Per Course 199 200 500 500 62 1,000 127 40	22 167 2 14 442 Cost Per Student 12 12 29 29 4 59 7 2	Comments / Vendor Item Purchased From Triumvirate	New	Current		Percentage of	Reason for Change
MTE1400C	Applied Marine Electricity Est. No. of Students	Fuel, Vehicular Travel - Student Capital Capital Type Tools Tools Supplies Supplies Service Supplies Membership	64005 60506 70601 70601 GL# 65501 65501 65501 64006 65501 64502	trip x (2) days Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles) Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights Dynamometer Engine Hoists Total Description Multimeters Misc Tools Wire Wire Consumables Hazardous Waste Disposal Batteries ABYC Membership	3,000 43 248 7,953 Cost Per Year 398 400 1,000 1,000 124 2,000 255	1,500 21 124 3,977 Cost Per Course 199 200 500 62 1,000 127	22 167 2 14 442 Cost Per Student 12 12 29 29 4 59 7	Comments / Vendor Item Purchased From Triumvirate	New Lab Fee	Current	Fee	Percentage of	Reason for Change

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Detail of Fee Request (Form 77.3B)

					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Туре	GL#	Description	Year	Course	Student	Comments / Vendor Item Purchased From	Lab Fee	Lab Fee	Fee	Change	Reason for Change
MTE1802	Coastal Navigation	Supplies	65501	Publications	92	92	7	Navigation Rules and Bowdich Replace every 4 years (x7)					
		PT Employee	57000	Use of Small CFK Vessel	129	129	9	1 Sea Labs per course					
14	Est. No. of Students	Fuel	64005	Use of Small CFK Vessel	120	120	9	1 Sea Labs per course					
1	Offered Per Year	Maintenance	66001	Use of Small CFK Vessel	56	56	4	1 Sea Labs per course					
		Capital	70601	Use of Small CFK Vessel	29	29	2	1 Sea Labs per course					
		PT Employee	57000	Boat Maintenance: FKCC II	235	235	17	1 Sea Labs per course					No change
		Fuel	64005	Boat Maintenance: FKCC II	120	120	9	1 Sea Labs per course					
		Maintenance	66001	Boat Maintenance: FKCC II	1	1	0	1 Sea Labs per course					
		Other Service	64501	Boat Maintenance: FKCC II	31	31	2	1 Sea Labs per course					
		Capital	70501	Boat Maintenance: FKCC II	62	62	4	1 Sea Labs per course					
		Membership	64502	ABYC Membership	105	105	7	ABYC					
				Total	981	981	70		\$ 70.00	\$ 70.00	\$ -	0.00%	
					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Type	GL#	Description	Year	Course	Student	Comments / Vendor Item Purchased From	Lab Fee	Lab Fee	Fee	Change	Reason for Change
		Supplies	65501	Chart #11442 (students do not keep)	443	111	7	Blue Water Charts					
MTE1811	Basic Seamanship		65501		228	57		Weems & Plath Primary Navigation					
		Supplies		Plotting tools (students do not keep)				Set					
		Supplies	65501	Flares	985	246		www.westmarine.com					
		Supplies	65501	1/2' Nylon Line	456	114	7	www.westmarine.com					
17	Est. No. of Students	Supplies	65501	Handheld Radio`s	176	44	3	4 x 178.95 replace every 4 years www.westmarie.com					
	2011 1101 01 010000110	Сарриос					-	Replace every 2 years (x7)					
4	Offered Per Year	Supplies	65501	NOAA Publications	366	91	5	http://www.landfallnavigation.com					No change
	Oncrear or rear	PT Employee	57000	Boat Maintenance: FKCC II	1,884	471		2 Sea Labs per course					
		Fuel	64005	Boat Maintenance: FKCC II	960	240		2 Sea Labs per course					
		Maintenance	66001	Boat Maintenance: FKCC II	11	3		2 Sea Labs per course					
		Other Service	64501	Boat Maintenance: FKCC II	248	62		2 Sea Labs per course					
		Capital	70501	Boat Maintenance: FKCC II	497	124		2 Sea Labs per course					
		Membership	64502	ABYC Membership	509	127	7	2 004 2450 po. 004.00					
		op	0.002	Total	6,762	1,690	99		\$ 99.00	\$ 99.00	\$ -	0.00%	
					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Туре	GL#	Description	Year	Course	Student	Comments / Vendor Item	Lab Fee	Lab Fee	Fee	Change	Reason for Change
								Purchased From Navigation Rules and Bowdich				1	
			65501					Replace every 2 years (x7)					
		Supplies	00001	USCG Publications	371	371	52	http://www.landfallnavigation.com					
		Supplies		USCG Publications	3/1	3/1	52	Tide Tables and Current Tables					
MTE1882	Ocean Operator's License							replace every year (x7)					
		Supplies	65501	NOAA Publications	56	56		http://www.landfallnavigation.com					
		Software	65701	Starpath Nav Rules Trainer (Installed on C	104	104		www.starpath.com					No change form submitte
		Sollware	03/01	Starpatifivav Rules Trainer (Installed off C	104	104	13	www.starpatri.com					
7	Est. No. of Students												
1	Offered Per Year												
				Total	531	531	75 Cart Par			\$ 75.00	\$ -	0.00%	
Course	Course Description	Туре	GL#	Description	Cost Per Year	Cost Per Course	Cost Per Student	Comments / Vendor Item Purchased From	New Lab Fee	Current Lab Fee	Change in Fee	Percentage of Change	Reason for Change
/TE2043C	Marine 4-Cycle Gasoline	Sunnlies	66001	Gaskets, hoses, various hardware, etc.	933.22	933.22	59.22	Engine Parts - specific for this course					
11 E20430	Engine	oupplies	00001	Gaskets, noses, various nardware, etc. Gen Lab- Hazardous Waste Disposal and	533.22	533.22	30.33	Engine i arto - specific foi una course			I		
	Liigiilo	Supplies	64006	misc tools	299.92	299.92	18.75	Misc lab supplies					
ormerly MTE	(2054C)	Equipment (long-term)	70601	4 Inboard Engines for Gas Courses	544.00	544.00	34.00	Inboard engines on for this course-life span of 10yrs (1 course per year)					Round down to neares dollar.
		Equipment (long-term) Professional Fees	70601 57000	Specialty Tools Replacement and Update Lab Assistant	169.62 917.40	169.62 917.40		Lab expenses Setup and take down lab equipment					
		Professional Fees	64502	ABYC Membership	13.42	13.42	0.84	Annual Membership \$255 / 19 courses					

Detail of Fee Request (Form 77.3B)

					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Type	GL#	Description	Year	Course	Student	Comments / Vendor Item	Lab Fee	Lab Fee	Fee	Change	Reason for Change
		F ' (// /)	74000	5D: 15 :	400	400	40	Purchased From				1	
MTE2058C	Diesel Engine Testing	Equipment (long-term)	71020 65501	5 Diesel Engines Technical Manuals	126 6	126 6	18 1						
WITE2030C	Troubleshooting Procedures	Supplies Supplies	65501	Misc Engine Parts Parts Under \$50	171	171	24						
		Supplies	65501	Misc Engine Parts Parts Order \$50	297	297	42						
7	Est. No. of Students	Supplies	65501	Misc Engine Parts Parts Over \$100	46	46	7						
1	Offered Per Year	Tools	65501	Mechanics Tool Set	92	92	13						
1	Offered Per Year	Specialized Tools	65501	Specialized Tools	29	29	4						
		Fuel	64005	Fuel	13	13	2						
		Maintenance Materials	66001	Oil, Lubrication Supplies	53	53	8						No change
		Service	64006	Hazardous Waste Disposal	12	12	2						140 change
		Other Service	64500	Engine Maintennance	132	132	19						
		PT Employee	57000	Lab Assistant	635	635		15.88 per hour for 40 hours					
		Membership	64502	ABYC Membership	52	52	7	10.00 per flour for 40 flours					
		Capital	70601	Dynamometer	17	17	2						
		Capital	70601	Engine Hoists	96	96	14						
		Capital	70601	Diagnostic Software	149	149	21						
		Сарка	70001	Total	1,927	1,927	275		\$ 275.00	\$ 275.00	¢ _	0.00%	
				10101	Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Type	GL#	Description	Year	Course	Student	Comments / Vendor Item	Lab Fee	Lab Fee	Fee	Change	Reason for Change
Course	Course Description	1,700	OL#	Bescription	i cui	Course	Ottudent	Purchased From	Lub i cc	Lub i cc	1 66	Onlange	
MITEROPOR	Marine Corrosion &	Equipment (long-term)	71020	Specialty Tools Replacement and Update	500	250	19	r drendsed i rom					
MTE2062C	Corrosion Prevention	Supplies	65501	Experiment Consumables	219	110	8						
13	Est. No. of Students	Service	64006	Hazardous Waste Disposal	44	22	2						
2	Offered Per Year	Membership	64502	ABYC Membership	195	97	7						No change
		Capital	70601	Dynamometer	62	31	2						· ·
		Capital	70601	Engine Hoists	358	179	14						
		•		Total	1,377	689	53		\$ 53.00	\$ 53.00	\$ -	0.00%	
					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Type	GL#	Description	Year	Course	Student	Comments / Vendor Item	Lab Fee	Lab Fee	Fee	Change	Reason for Change
				· ·				Purchased From				•	
	Marine Propulsion Gasoline	Equipment (long-term)	71020	20 Outboard Engines	92	92	13						
MTE2072C	Engine Troubleshooting	Supplies	65501	Technical Manuals	3	3	0						
	Engine Troubleshooting	Supplies	65501	Misc Engine Parts Parts Under \$50	81	81	12						
		Supplies	65501	Misc Engine Parts Parts Over \$100	173	173	25						
7	Est. No. of Students	Supplies	65501	Misc Engine Parts Parts Over \$250	22	22	3						
1	Offered Per Year	Tools	65501	Mechanics Tool Set	88	88	13						
		Specialized Tools	65501	Specialized Tools	14	14	2						
		Fuel	64005	Fuel	6	6	1						No obongo
		Maintenance Supplies	66001	Oil, Lubrication Supplies	25	25	4						No change
		Service	64006	Hazardous Waste Disposal	12	12	2						
		Other Service	64500	Engine Maintennance	315	315	45						
		Personnel	57000	Lab Assistant	794	794	113	15.88 per hour for 50 hours					
		Membership	64502	ABYC Membership	52	52	7	ABYC					
		Capital	70601	Dynamometer	17	17	2						
		Capital	70601	Engine Hoists	96	96	14						
				Total	1,792	1,792	256		\$ 256.00		\$ -	0.00%	
					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	
Course	Course Description	Type	GL#	Description	Year	Course	Student	Comments / Vendor Item	Lab Fee	Lab Fee	Fee	Change	Reason for Change
	D: 15 11				45-			Purchased From					
MTE2160C	Diesel Fuel Injection	Equipment (long-term)	71020	5 Diesel Engines	126	126	18						
	Systems	Supplies	65501	Technical Manuals	6	6	1						
_	E. A. 101	Supplies	65501	Misc Engine Parts Parts Under \$50	171	171	24						
7	Est. No. of Students	Supplies	65501	Misc Engine Parts Parts Over \$100	297	297	42						
1	Offered Per Year	Supplies	65501	Misc Engine Parts Parts Over \$250	46	46	7						
		Tools	65501	Mechanics Tool Set	92	92	13						
		Specialized Tools	65501	Specialized Tools	29	29	4						
		Fuel	64005	Fuel	13	13	2						No change
		Maintenance Materials	66001	Oil, Lubrication Supplies	53	53	8						J.
		Service	64006	Hazardous Waste Disposal	12	12	2						
		Other Service	64500	Engine Maintennance	132	132	19						
		Personnel	57000	Lab Assistant	794	794		15.88 per hour for 50 hours					
		Membership	64502	ABYC Membership	52	52	7						
		Capital	70601	Engine Hoists	96	96	14						
		Capital	70601	Diagnostic Software	149	149	21						
				Total	2.069	2,069	296		\$ 296.00		\$ -	0.00%	

Detail of Fee Request (Form 77.3B)

Course	Course Description	Туре	GL#	Description	Cost Per Year	Cost Per Course	Cost Per Student	Comments / Vendor Item Purchased From	New Lab Fee	Current Lab Fee	Change in Fee	Percentage of Change	Reason for Change
	Marine Gear case, Out	Equipment (long-term)	70601	Lower End Gear Case (Qty 2)	250	125	13						
MTE2234C	drives and Transmission	Equipment (long-term)	70601	ZF Transmission (Qty 1)	672	336	34						
	Systems	Equipment (long-term)	70601	Velvet Drive (Qty 1)	545	273	27						
		Equipment (long-term)	70501	Specialty Tools Replacement and Update	220	110	11						
10	Est. No. of Students	Supplies	65501	Gaskets, hoses, various hardware, etc.	271	135	14						
2	Offered Per Year	Supplies	65501	Misc Parts	700	350	35						No change
		Tools	65501	Mechanics Tool Set	350	175	18						
		Maintenance Materials	66001	Oil, Lubrication Supplies	100	50	5						
		Service	64006	Hazardous Waste Disposal	34	17	2						
		Membership	64502	ABYC Membership	150	75	7 2						
		Capital	70601	Dynamometer	48	24	_						
		Capital	70601	Engine Hoists	275	138	14		£ 470.00	£ 470.00	•	0.000/	
				Total	3,614	1,807	180			\$ 179.98	3 -	0.00%	
Course	Course Description	Туре	GL#	Description	Cost Per Year	Cost Per Course	Cost Per Student	Comments / Vendor Item Purchased From	New Lab Fee	Current Lab Fee	Change in Fee	Percentage of Change	Reason for Change
			70601										
MTE2541C	Marine Auxiliary Equipment	Equipment (long-term)	70501	1 Wind Generator	120	60		http://webosolar.com \$1200 / 10 years					
		Equipment (long-term)	70601	4 Solar Panels	60	30		http://webosolar.com 150*4 / 10 years http://discountmarinesource.com/					
10		Equipment (long-term)	70601	3 Refrigeration/Air Condition Units	600	300		2000*3 / 10					
	Est. No. of Students	Equipment (long-term)		3 Step Charging Systems and Inverters	360	180		1800*3 / 15 years					
2	Offered Per Year	Equipment (long-term)	70501	3 Step Charging for Alternators	90	45		150*3 / 5 years					
		Equipment (long-term)	70601	Freon Recovery System	175	88	9	3500*1/20 years					
			70501										
		Equipment (long-term)		Specialty Tools Replacement and Update	370	185		370 *1 / 1 year					No change
		Supplies	65501	Miscellaneous Parts	510	255	25						, and the second
		Service	64006	Hazardous Waste Disposal	34	17	2						
		Membership	64502	ABYC Membership	150	75		45.00 b 40. b					
		Personnel	57000	Lab Assistant	1,270	635 24	2	15.88 per hour for 40 hours					
		Capital Capital	70501 70601	Dynamometer Engine Hoists	48 275	138	14						
		Сарнаі	70601	Engine Hoisis	2/3	130	:	\$1800 / # students in MTE1180C and MTE2541C per year divided by 5					
		Capital		Pedestal Rack and Pinion Steering	360	180	18	years \$3000 / # students in MTE2541C / 15					
		Capital	70601	Watermaker	200	100		years			1		
		Cupital		Total	4,621	2,311	221	youro	\$ 221.06	\$ 221.06	\$ -	0.00%	
				10101	Cost Per	Cost Per	Cost Per		New	Current	Change in		
Course	Course Description	Туре	GL#	Description	Year	Course	Student	Comments / Vendor Item Purchased From	Lab Fee	Lab Fee	Fee	Change	Reason for Change
								Navigation Rules and Bowdich					
MTE2883	Master 100 Ton Upgrade							Replace every 2 years (x7)			1		
		Supplies	65501	USCG Publications	371	371		http://www.landfallnavigation.com					
_								Tide Tables and Current Tables					
7	Fet No. of Ot death	Commission	05504	NOAA Dublications				replace every year (x7)			1		No change form submitted
	Est. No. of Students	Supplies	65501	NOAA Publications	56	56	8	http://www.landfallnavigation.com			1		
1	Office of Dee Veen	C-#	65701	Starpath Nav Rules Trainer (Installed on	404	404	4-				1		
	Offered Per Year No Enrollment in the last 3	Software		College Computers)	104	104	15	www.starpath.com			1		
	Yrs			Total	531	531	75		\$ 75.00	\$ 75.00	·	0.00%	
	110			i Otai	Cost Per	Cost Per	Cost Per		\$ 75.00 New	Current	Change in		
Course	Course Description	Туре	GL#	Description	Year	Course	Student	Comments / Vendor Item Purchased From	Lab Fee	Lab Fee	Fee	Change	Reason for Change
	Specialty Marine	Supplies	65501	Student Workbook	350	350	50	i uitiiaadu Fitiii					
MTE2931	Engineering Training I	Other Service	64501	Certification Examination Fee	1,050	1,050	150				1		
7	Est. No. of Students	Service	64006	Hazardous Waste Disposal	1,050	1,050	2				1		
1	Offered Per Year	Membership	64502	ABYC Membership	52	52	7				1		New Course
•	5	Supplies	65501	Misc. Tools and Safety Equipment	250	250	36				1		
		11 ***	00001	Total	1,714	1,714	245		\$ 244.88	\$ -	\$ 245	100.00%	
					.,. 14	.,. 14	- 70		· - · · · · · ·	7	, Z-10	.00.0070	

Detail of Fee Request (Form 77.3B)

					Cost Per	Cost Per	Cost Per		New	Current	Change in	Percentage of	Reason for Change
Course	Course Description	Type	GL#	Description	Year	Course	Student	Comments / Vendor Item	Lab Fee	Lab Fee	Fee	Change	Reason for Change
MTE2932	Specialty Marine Engineering	ις Equipment (long-term)	71020	20 Outboard Engines	92	92	13						
		Supplies	65501	Technical Manuals	3	3	0						
		Supplies	65501	Misc Engine Parts Parts Under \$50	81	81	12						
		Supplies	65501	Misc Engine Parts Parts Over \$100	173	173	25						
7	Est. No. of Students	Supplies	65501	Misc Engine Parts Parts Over \$250	22	22	3						
1	Offered Per Year	Tools	65501	Mechanics Tool Set	88	88	13						
		Specialized Tools	65501	Specialized Tools	14	14	2						New Course
		Fuel	64005	Fuel	6	6	1						
		Maintenance Supplies	66001	Oil, Lubrication Supplies	25	25	4						
		Service	64006	Hazardous Waste Disposal	12	12	2						
		Capital	70601	Engine Hoists	96	96	14						
		Other Service	64500	Yamaha Renewal	1,500	1,500	214						
				Total	2,113	2,113	302		\$ 301.91	\$ -	\$ 302	100.00%	

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