

THE COLLEGE OF THE FLORIDA KEYS
LAB/SPECIAL/COMMUNITY SERVICE FEE
REQUEST FORM
Detail of Fee Request (Form 77.3B)
Effective July 1, 2023

Course	Course Description	Type	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
MTE1001C	Marine Diesel Engine Overhaul	Equipment (long-term)	71020	5 Diesel Engines (mechanical)	6,900	2,300	50	See Diesel for Details					
		Equipment (long-term)	71020	5 Diesel Engines (electronic)	20,240	6,747	147	See Diesel for Details					
		Supplies	65501	Technical Manuals	657	219	5	See Diesel for Details					
		Supplies	65501	Misc Engine Parts Parts Under \$50	1,380	460	10	See Diesel for Details					
		Supplies	65501	Misc Engine Parts Parts Over \$100	2,070	690	15	See Diesel for Details					
46	Est. No. of Students	Supplies	65501	Misc Engine Parts Parts Over \$250	368	123	3	See Diesel for Details					
3	Offered Per Year	Specialized Tools	65501	Specialized Tools	920	307	7	See Diesel for Details					
		Fuel	64005	Fuel	92	31	1	See Diesel for Details					
		Maintenance Materials	66001	Oil, Lubrication Supplies	368	123	3	See Diesel for Details					
		Service	64006	Hazardous Waste Disposal	167	56	1	See Diesel for Details					
		Other Service	64500	Engine Maintenance	1,840	613	13	See Diesel for Details					
		Diagnostic Software	70601	Software for Diesel Lab	1,037	346	8	See Diesel for Details					
		Personnel	57000	Lab Assistant	743	248	5	See Diesel for Details					
		Capital	70601	Dynamometer and Engine Hoists	778	259	17	See Expense for All Courses					
		Membership	64502	ABYC Membership	266	2	6	See Expense for All Courses					
		x	Total		37,825	12,522	289		\$ 289	\$ 234	\$ 55	23.60%	Increase in cost due to inflation and addition of equipment
Course	Course Description	Type	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
MTE1002	Introduction to Marine Engineering	Supplies	65501	Misc. Tools and Safety Equipment	1,000	1,000	28.57						
		Capital	70601	Dynamometer and Engine Hoists	592	592	17	See Expense for All Courses					
35	Est. No. of Students	Service	64006	Hazardous Waste Disposal	42	42	1	See Expense for All Courses					
1	Offered Per Year	Membership	64502	ABYC Membership	202	202	6	See Expense for All Courses					
		x	Total		1,836	1,836	52		\$ 52	\$ 97	\$ (45)	-45.92%	Adjusted average enrollment
Course	Course Description	Type	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
MTE1052	2 & 4 Cycle Outboard Engine Theory	Equipment Long Term	71020	Portable Engines	1,530	1,530	70	See MTE 1052 tab for details					
		Supplies	65501	Technical Manuals	161	161	7	See MTE 1052 tab for details					
13	Est. No. of Students	Supplies	65501	Textbooks	2,178	2,178	99	See MTE 1052 tab for details					
1	Offered Per Year	Supplies	65501	Misc Parts Engine Parts	850	850	39	See MTE 1052 tab for details					
		Specialized Tools	65501	Specialized Tools	750	750	34	See MTE 1052 tab for details					
		Maint Supplies	66001	Oil, Lubrication Supplies	50	50	2	See MTE 1052 tab for details					
		Service	64006	Hazardous Waste Disposal	27	27	1	See MTE 1052 tab for details					
		Personnel	57000	Lab Assistant	323	323	25	\$16.15/hour for 20 hrs (incl tax)					
		Membership	64502	ABYC Membership	75	75	6	See Expense for All Courses					
		Capital	70601	Dynamometer and Engine Hoists	220	220	17	See Expense for All Courses					
		x	Total		6,163	6,163	300		\$ 300	\$ 243	\$ 57	23.29%	Addition of book and capital items, price increases, and update enrollment
Course	Course Description	Type	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
MTE1053C	2 & 4 Cycle Outboard Rep & Maint	Equipment Long Term	71020	Portable Engines	1,732	346	22	Gasoline Course Supplies					
		Equipment Long Term	71020	Inline Engines	4,528	906	57	Gasoline Course Supplies					
		Equipment Long Term	71020	V-Engines	6,642	1,328	83	Gasoline Course Supplies					
		Supplies	65501	Technical Manuals	485	97	6	Gasoline Course Supplies					
		Supplies	65501	Textbooks	7,920	1,584	99	Gasoline Course Supplies					
		Supplies	65501	Misc Engine Parts Parts Under \$50	755	151	9	Gasoline Course Supplies					
80	Est. No. of Students	Supplies	65501	Misc Engine Parts Parts Over \$100	1,132	226	14	Gasoline Course Supplies					
5	Offered Per Year	Supplies	65501	Misc Engine Parts Parts Over \$250	943	189	12	Gasoline Course Supplies					
		Specialized Tools	65501	Specialized Tools	849	170	11	Gasoline Course Supplies					
		Fuel	64005	Fuel	38	8	0	Gasoline Course Supplies					
		Maintenance Supplies	66001	Oil, Lubrication Supplies	151	30	2	Gasoline Course Supplies					
		Service	64006	Hazardous Waste Disposal	97	19	1	Gasoline Course Supplies					
		Other Service	64500	Engine Maintenance	755	151	9	Gasoline Course Supplies					

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		Personnel	57000	Lab Assistant	305	61	4	Gasoline Course Supplies						
		Membership	64502	ABYC Membership	462	92	6	See Expense for All Courses						
		Capital	70601	Dynamometer and Engine Hoists	1,353	271	17	See Expense for All Courses						
		x	Total		28,146	5,629	352		\$ 352	\$ 276	\$ 76	27.47%		
Course	Course Description	Type	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	
MTE1166C	Marine Ignition and Fuel Systems	Equipment Long Term	71020	Portable Engines	455	227	22	Gasoline Course Supplies						
		Equipment Long Term	71020	Inline Engines	1,189	594	57	Gasoline Course Supplies						
		Equipment Long Term	71020	V-Engines	693	347	33	Gasoline Course Supplies						
		Supplies	65501	Technical Manuals	127	64	6	Gasoline Course Supplies						
21	Est. No. of Students	Supplies	65501	Textbooks	2,079	1,040	99	Gasoline Course Supplies						
2	Offered Per Year	Supplies	65501	Misc Engine Parts Parts Under \$50	198	99	9	Gasoline Course Supplies						
		Supplies	65501	Misc Engine Parts Parts Over \$100	297	149	14	Gasoline Course Supplies						
		Supplies	65501	Misc Engine Parts Parts Over \$250	248	124	12	Gasoline Course Supplies						
		Specialized Tools	65501	Specialized Tools	223	111	11	Gasoline Course Supplies						
		Fuel	64005	Fuel	10	5	0	Gasoline Course Supplies						
		Maintenance Supplies	66001	Oil, Lubrication Supplies	40	20	2	Gasoline Course Supplies						
		Service	64006	Hazardous Waste Disposal	25	13	1	Gasoline Course Supplies						
		Other Service	64500	Engine Maintenance	198	99	9	Gasoline Course Supplies						
		Personnel	57000	Lab Assistant	80	40	4	Gasoline Course Supplies						
		Membership	64502	ABYC Membership	121	61	6	See Expense for All Courses						
		Capital	70601	Dynamometer and Engine Hoists	355	178	17	See Expense for All Courses						
		x	Total		6,338	3,169	302		\$ 302	\$ 242	\$ 60	24.72%		
Course	Course Description	Type	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	
MTE1180C	Marine Engine Installation and Repowering Processes	Equipment Long Term	71020	Portable Engines	455	227	22	Gasoline Course Supplies						
		Equipment Long Term	71020	Inline Engines	1,189	594	57	Gasoline Course Supplies						
		Equipment Long Term	71020	V-Engines	882	441	42	Gasoline Course Supplies						
21	Est. No. of Students	Supplies	65501	Technical Manuals	127	64	6	Gasoline Course Supplies						
2	Offered Per Year	Supplies	65501	Textbooks	2,079	1,040	99	Gasoline Course Supplies						
		Supplies	65501	Misc Engine Parts Parts Under \$50	198	99	9	Gasoline Course Supplies						
		Supplies	65501	Misc Engine Parts Parts Over \$100	297	149	14	Gasoline Course Supplies						
		Supplies	65501	Misc Engine Parts Parts Over \$250	248	124	12	Gasoline Course Supplies						
		Specialized Tools	65501	Specialized Tools	223	111	11	Gasoline Course Supplies						
		Fuel	64005	Fuel	10	5	0	Gasoline Course Supplies						
		Maintenance Supplies	66001	Oil, Lubrication Supplies	40	20	2	Gasoline Course Supplies						
		Service	64006	Hazardous Waste Disposal	25	13	1	Gasoline Course Supplies						
		Other Service	64500	Engine Maintenance	198	99	9	Gasoline Course Supplies						
		Personnel	57000	Lab Assistant	80	40	4	Gasoline Course Supplies						
		Membership	64502	ABYC Membership	121	61	6	See Expense for All Courses						
		Capital	70601	Dynamometer and Engine Hoists	355	178	17	See Expense for All Courses						
		x	Total		6,527	3,264	311		\$ 311	\$ 211	\$ 100	47.31%		
Course	Course Description	Type	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	
MTE1300C	Intro to Fiberglass Boating	Equipment Long term	70601	Bounce House	40	40	6	Fiberglass Course Supplies						
		Equipment Long term	70601	Specialized Equipment	80	80	11	Fiberglass Course Supplies						
		Supplies	65501	Bounce house filters	120	120	17	Fiberglass Course Supplies						
7	Est. No. of Students	Supplies	65501	Fiberglass	300	300	43	Fiberglass Course Supplies						
1	Offered Per Year	Supplies	65501	Resin	300	300	43	Fiberglass Course Supplies						
		Supplies	65501	Paint, Primer, Gel Coat	100	100	14	Fiberglass Course Supplies						
		Supplies	65502	Misc Fiberglass Supplies	200	200	29	Fiberglass Course Supplies						
		Tools	65501	Tools	100	100	14	Fiberglass Course Supplies						
		Specialized Tools	65501	Specialized Tools	200	200	29	Fiberglass Course Supplies						
		Service	64006	Hazardous Waste Disposal	8	8	1	Fiberglass Course Supplies						
		Personnel	57000	Lab Assistant	646	646	92	Fiberglass Course Supplies						

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		Membership	64502	ABYC Membership	40	40	6	See Expense for All Courses						
		Capital	70601	Dynamometer and Engine Hoists	118	118	17	See Expense for All Courses						
		x	Total		2,253	2,253	322		\$ 322	\$ 264	\$	58	21.92%	
Course	Course Description	Type	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	
MTE1302C	Advanced Fiberglass Boat and Accessory Construction		70601											
		Equipment Long term		Bounce House	40	40	6	Fiberglass Course Supplies						
		Equipment Long term	70601	Specialized Equipment	80	80	11	Fiberglass Course Supplies						
		Supplies	65501	Bounce house filters	120	120	17	Fiberglass Course Supplies						
		Supplies	65501	Fiberglass	300	300	43	Fiberglass Course Supplies						
7	Est. No. of Students	Supplies	65501	Resin	300	300	43	Fiberglass Course Supplies						
1	Offered Per Year	Supplies	65501	Paint, Primer, Gel Coat	100	100	14	Fiberglass Course Supplies						
		Supplies	65502	Misc Fiberglass Supplies	200	200	29	Fiberglass Course Supplies						
		Tools	65501	Tools	100	100	14	Fiberglass Course Supplies						
		Specialized Tools	65501	Specialized Tools	200	200	29	Fiberglass Course Supplies						
		Service	64006	Hazardous Waste Disposal	8	8	1	Fiberglass Course Supplies						
		Personnel	57000	Lab Assistant	296	296	42	Fiberglass Course Supplies						
		Membership	64502	ABYC Membership	40	40	6	See Expense for All Courses						
		Capital	70601	Dynamometer and Engine Hoists	118	118	17	See Expense for All Courses						
		x	Total		1,903	1,903	272		\$ 272	\$ 218	\$	54	24.71%	
Course	Course Description	Type	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	
MTE1371C	Fiberglass Boat Repair & Maint		70601											
		Equipment Long term		Bounce House	240	120	6	Fiberglass Course Supplies						
		Equipment Long term	70601	Specialized Equipment	480	240	11	Fiberglass Course Supplies						
		Supplies	65501	Bounce house filters	720	360	17	Fiberglass Course Supplies						
21	Est. No. of Students	Supplies	65501	Fiberglass	1,800	900	43	Fiberglass Course Supplies						
2	Offered Per Year	Supplies	65501	Resin	1,800	900	43	Fiberglass Course Supplies						
		Supplies	65501	Paint, Primer, Gel Coat	600	300	14	Fiberglass Course Supplies						
		Supplies	65502	Misc Fiberglass Supplies	1,200	600	29	Fiberglass Course Supplies						
		Tools	65501	Tools	600	300	14	Fiberglass Course Supplies						
		Specialized Tools	65501	Specialized Tools	1,200	600	29	Fiberglass Course Supplies						
		Service	64006	Hazardous Waste Disposal	51	25	1	Fiberglass Course Supplies						
		Personnel	57000	Lab Assistant	3,875	1,938	92	Fiberglass Course Supplies						
		Travel - Student	60506	(1) 12 Passenger Van (@\$65) x (1) field trip x (2) days	260	130	6	AVIS or other vendor as available						
		Fuel, Vehicular	64005	Fuel for (1) van for (1) field trip roundtrip for (2) days (800 miles)				Total miles / 14 miles per gallon *\$3.50 Gallon						
		Travel - Student	60506	Hotel rooms - \$75/student per night x total students + \$150.00 for 1 instructor x 1 nights	400	200	10	(rounded up)						
		Membership	64502	ABYC Membership	121	61	6	See Expense for All Courses						
		Capital	70601	Dynamometer and Engine Hoists	355	178	17	See Expense for All Courses						
		x	Total		20,302	10,151	495		\$ 495	\$ 442	\$	53	11.93%	
Course	Course Description	Type	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	
MTE1400C	Applied Marine Electricity		65501											
		Tools		Multimeters	597	199	5							
		Tools	65501	Misc Tools	600	200	5							
		Supplies	65501	Wire	1,500	500	13							
40	Est. No. of Students	Supplies	65501	Wire Consumables	1,500	500	13							
3	Offered Per Year	Supplies	65501	Batteries	3,000	1,000	25							
		Membership	64502	ABYC Membership	231	77	6	See Expense for All Courses						
		Service	64006	Hazardous Waste Disposal	48	16	1	Triumvirate						
		Capital	70601	Dynamometer and Engine Hoists	676	225	17	See Expense for All Courses						
		x	Total		8,153	2,718	84		\$ 84	\$ 168	\$	(84)	-50.08%	
Course	Course Description	Type	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	

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Course	Course Description	Type	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
MTE2160C	Diesel Fuel Injection Systems	Equipment (long-term)	71020	5 Diesel Engines (mechanical)	550	550	50	See Diesel for Details					
		Equipment (long-term)	71020	5 Diesel Engines (electronic)	1,613	1,613	147	See Diesel for Details					
		Supplies	65501	Technical Manuals	52	52	5	See Diesel for Details					
11	Est. No. of Students	Supplies	65501	Misc Engine Parts Parts Under \$50	110	110	10	See Diesel for Details					
1	Offered Per Year	Supplies	65501	Misc Engine Parts Parts Over \$100	165	165	15	See Diesel for Details					
		Supplies	65501	Misc Engine Parts Parts Over \$250	29	29	3	See Diesel for Details					
		Specialized Tools	65501	Specialized Tools	73	73	7	See Diesel for Details					
		Fuel	64005	Fuel	7	7	1	See Diesel for Details					
		Maintenance Materials	66001	Oil, Lubrication Supplies	29	29	3	See Diesel for Details					
		Service	64006	Hazardous Waste Disposal	13	13	1	See Diesel for Details					
		Other Service	64500	Engine Maintenance	147	147	13	See Diesel for Details					
		Diagnostic Software	70601	Software for Diesel Lab	83	83	8	See Diesel for Details					
		Personel	57000	Lab Assistant	59	59	5	See Diesel for Details					
		Membership	64502	ABYC Membership	64	64	6	See Expense for All Courses					
		Capital	70601	Dynamometer and Engine Hoists	186	186	17	See Expense for All Courses					
		x	Total		3,181	3,181	289		\$ 289	\$ 296	\$ (7)	-2.29%	Adjusted average enrollment
Course	Course Description	Type	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
MTE2234C	Marine Gear case, Out drives and Transmission Systems	Equipment (long-term)	70601	Lower End Gear Case (Qty 2)	250	125	12						
		Equipment (long-term)	70601	ZF Transmission (Qty 1)	672	336	32						
		Equipment (long-term)	70601	Velvet Drive (Qty 1)	545	273	26						
		Equipment (long-term)	70501	Specialty Tools Replacement and Update	220	110	10						
21	Est. No. of Students	Supplies	65501	Gaskets, hoses, various hardware, etc.	271	135	13						
2	Offered Per Year	Supplies	65501	Misc Parts	700	350	33						
		Tools	65501	Mechanics Tool Set	350	175	17						
		Maintenance Materials	66001	Oil, Lubrication Supplies	100	50	5						
		Membership	64502	ABYC Membership	121	61	6	See Expense for All Courses					
		Service	64006	Hazardous Waste Disposal	25	13	1	See Expense for All Courses					
		Capital	70601	Dynamometer and Engine Hoists	355	178	17	See Expense for All Courses					
		x	Total		3,609	1,805	172		\$ 172	\$ 180	\$ (8)	-4.52%	Adjusted average enrollment
Course	Course Description	Type	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
MTE2541C	Marine Auxiliary Equipment	Equipment (long-term)	70601	1 Wind Generator	120	120	7	http://webosolar.com \$1200 / 10 years					
		Equipment (long-term)	70501	4 Solar Panels	60	60	4	http://webosolar.com 150*4 / 10 years					
		Equipment (long-term)	70601	3 Refrigeration/Air Condition Units	600	600	35	http://discountmarinesource.com/ 2000*3 / 10					
17	Est. No. of Students	Equipment (long-term)	70601	3 Step Charging Systems and Inverters	360	360	21	1800*3 / 15 years					
1	Offered Per Year	Equipment (long-term)	70501	3 Step Charging for Alternators	90	90	5	150*3 / 5 years					
		Equipment (long-term)	70601	Freon Recovery System	175	175	10	3500*1/20 years					
		Equipment (long-term)	70501	Specialty Tools Replacement and Update	370	370	22	370 *1 / 1 year					
		Supplies	65501	Miscellaneous Parts	510	510	30						
		Personnel	57000	Lab Assistant	646	646	38	\$16.15/hr for 40 hrs (incl tax)					
		Membership	64502	ABYC Membership	98	98	6	See Expense for All Courses					
		Service	64006	Hazardous Waste Disposal	21	21	1	See Expense for All Courses					
		Capital	70601	Dynamometer and Engine Hoists	287	287	17	See Expense for All Courses					
		x	Total		3,337	3,337	196		\$ 196	\$ 221	\$ (25)	-11.18%	Adjusted average enrollment