



CAL MARITIME



**Annual Learning Results
Institution Wide SLO (E): Lifelong Learning
2013**

**Prepared by The Institution-Wide Assessment Committee
Point Person: Graham Benton**

Section 1: Annual Report

Section 2: Appendices

Survey to Seniors on Lifelong Learning (with Disaggregated Data Charts and Figures)

Survey to Alumni on Lifelong Learning (with Disaggregated Data Charts and Figures)

Survey to Faculty on Lifelong Learning (with Disaggregated Data Charts and Figures)

1. Executive Summary:

In the Academic Year 2012-2013 IWAC conducted an assessment of the institution-wide student learning objective , Lifelong Learning. In the first year of the assessment calendar, a survey was submitted to all faculty .asking for their input regarding the definition of lifelong learning and how it may be practiced and studies. In an initial meeting, the IWAC Committee decided that since lifelong learning was a very ambiguous and thorny concept to assess, we would use survey instruments. Also, since lifelong learning by its very nature requires an assessment of work beyond and outside the academy, we sought to gather information from outgoing senior students and alumni. Three surveys were eventually drafted and used: a survey to senior students, a survey to faculty, and a survey to alumni. With no previous benchmarks or expectations, it was hoped that survey questions where a positive answer (“agree strongly” or “agree somewhat” would be selected by 75% of the respondents The data generated the following findings:

Results:

- 1.For the survey of graduating seniors, the benchmark was not reached on all questions. When asked to respond to the statement” “my experience at Cal maritime helped foster my desire for lifelong learning,” on 59.61% responded in the affirmative. When asked “While taking a class, I seek out learning experiences beyond those required,” 73.08% responded in the affirmative. When asked “I seek out enrichment or learning experiences during travel, only 32.76% responded in the affirmative.
- 2.For the survey to alumni, the benchmarks were met
- 3.For the survey to faculty, the benchmarks were met

Interpretation of the Results:

1. As the first effort at assessing lifelong learning, there may be some issues with how we interpret this data. Certainly it appears alumni are interested in, and participate in, activities that fall under the rubric of lifelong learning. Curiously, students currently enrolled do not share this view. Perhaps over time, a recognition of the merit of continued learning begins to form.

Recommendations:

1. For the next cycle, IWAC recommends that the definition and understanding of the concept of lifelong learning be better understood before development assessment tools.
2. For the next cycle, IWAC recommends creating assessment tools (with accompanying benchmarks) that are easier to measure and which may provide more useful measurements.

1. Closing the Loop: Status of Proposed Action Items

	Next Step #1
a) "Next Steps"	Examine results of Report on Lifelong and address deficiencies. Design/implement institution-wide assessment of IW-SLO: Lifelong Learning
b) Status of Next Steps	To be completed 7/14

2. What do We Want Students to Learn?

	Evidence #1
a) IW-SLO	Demonstrate a commitment to personal and professional development
b) Learning Criteria: (specific qualities desired in student work)	N/A
c) Standards for Success	Benchmarks of 75% of affirmative answers on surveys

3. What Evidence do We Use to Assess Their Learning?

	Evidence #1	Evidence #2	Evidence #
a) Evidence: Describe summative evidence you analyze & the size of the sample	Sample of Seniors	Sample of Faculty	Sample of Alumni
b) Assessment Tool/Method	Survey	Survey	Survey
c) Assessment Process	1. IWAC wrote survey, distributed to student via online platform 2. All replies were incorporated and entered into database and analyzed	1. IWAC wrote survey, distributed to student via online platform 2. All replies were incorporated and entered into database and analyzed	1. IWAC wrote survey, distributed to student via online platform 2. All replies were incorporated and entered into database and analyzed

4. How Well Are They Learning?

a) How are results of student learning presented?	Results are published on IWAC website
b) Achieving Standards: Did your program achieve its standards for success?	Partially. Standards were met by alumni, but standards are not apparent from polling current students
c) Discussion of Results	Ethical Awareness 1. All majors performed below benchmarks. 2. Engineering Ethics course outperformed general Ethics course. 3. Evidence submitted did not conform to parameters of rubric which resulted in lower scores
d) Participants in Discussing/Reviewing Results	IWAC Committee
e) Communication of Results	Results are communicated via Executive summary to Provost, results are published on website.

<u>6. Plan for Improvement</u>		
	Proposed Change #1	Proposed Change #2
a) Proposed Changes	Get stronger definition of lifelong learning	Continue to refine assessment strategies
b) Rationale for Proposed Changes	Should yield more accurate assessment data.	To yield more accurate assessment data
c) Proposed Completion Date	Next Assessment Cycle	Next Assessment Cycle
d) Stakeholders Involved	IWAC and all faculty	IWAC and all faculty
e) Vetting to Stakeholders	Graham Benton	Graham Benton
f) Shepherding Changes	Graham Benton	Graham Benton
g) Budget Integration	n/a	n/a
h) Anticipated results of implementing change	More standardized acceptance of the term will lead to more accurate understanding of the outcome	Improvement in data for tracking lifelong learning
i) Target Goals	To attain benchmark on next assessment cycle	To attain benchmark on next assessment cycle.
j) Evidence of effectiveness	Meet 70% benchmark of score of 4 or above on next assessment cycle.	Meet 70% benchmark of score of 4 or above on next assessment cycle.

7. Reflection on Assessment Process

	Reflection #1	Reflection #2
a) Strengths	Multiple evaluators of evidence.	
b) Modifications	Get more efficient assessment tool,	

Appendix 1

Survey of Seniors Graduating in Spring or Summer of 2013

Number Surveyed: 197

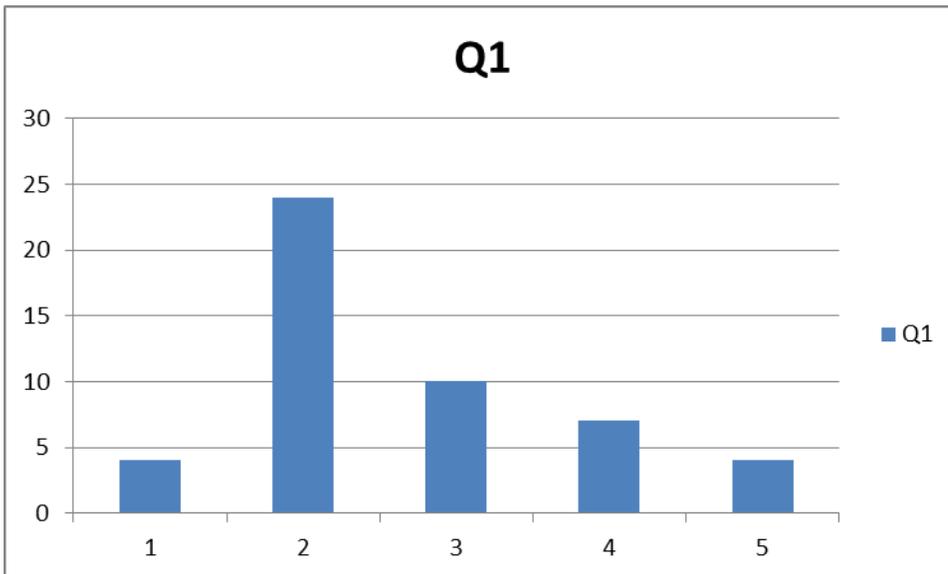
Responses: 52

Response Rate: 26%+

1. My experience at Cal Maritime has helped to foster my desire for lifelong learning.

- Answered: 52
- Skipped: 0

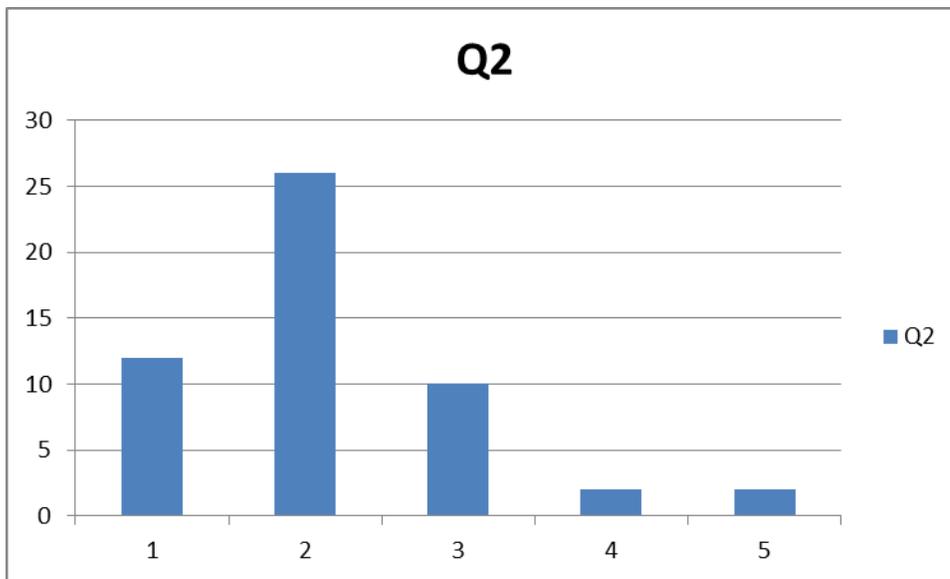
Answer Choices	Responses
agree strongly	13.46% 7
agree somewhat	46.15% 24
neutral or not applicable	19.23% 10
disagree somewhat	13.46% 7
disagree strongly	7.69% 4
Total	52



2. While taking a class, I seek out learning experiences beyond those required.

- Answered: 52
- Skipped: 0

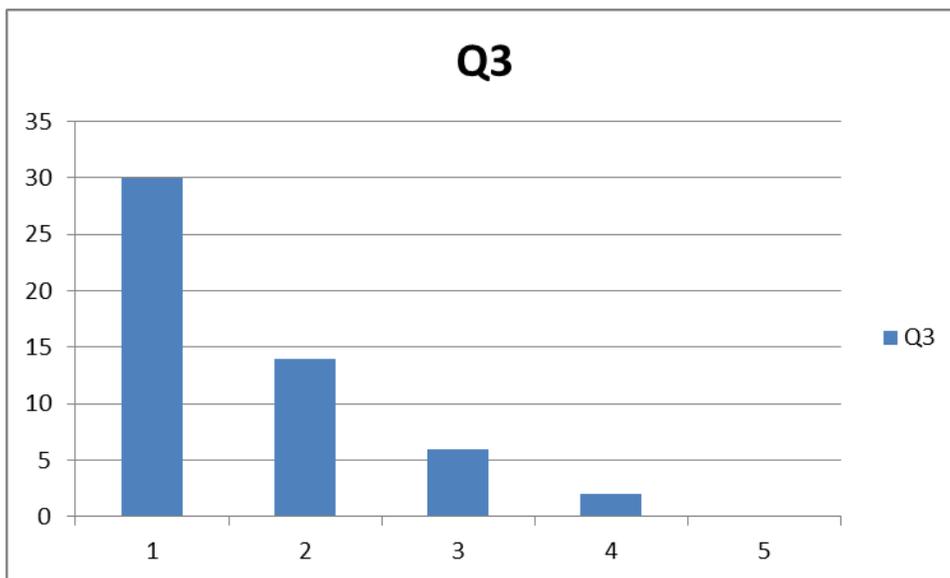
Answer Choices	Responses
agree strongly	23.08% 12
agree somewhat	50% 26
neutral or not applicable	19.23% 10
disagree somewhat	3.85% 2
disagree strongly	3.85% 2
Total	52



3. I am interested in or curious about a variety of fields.

- Answered: 52
- Skipped: 0

Answer Choices	Responses
agree strongly	57.69% 30
agree somewhat	26.92% 14
neutral or not applicable	11.54% 6
disagree somewhat	3.85% 2
disagree strongly	0% 0
Total	52

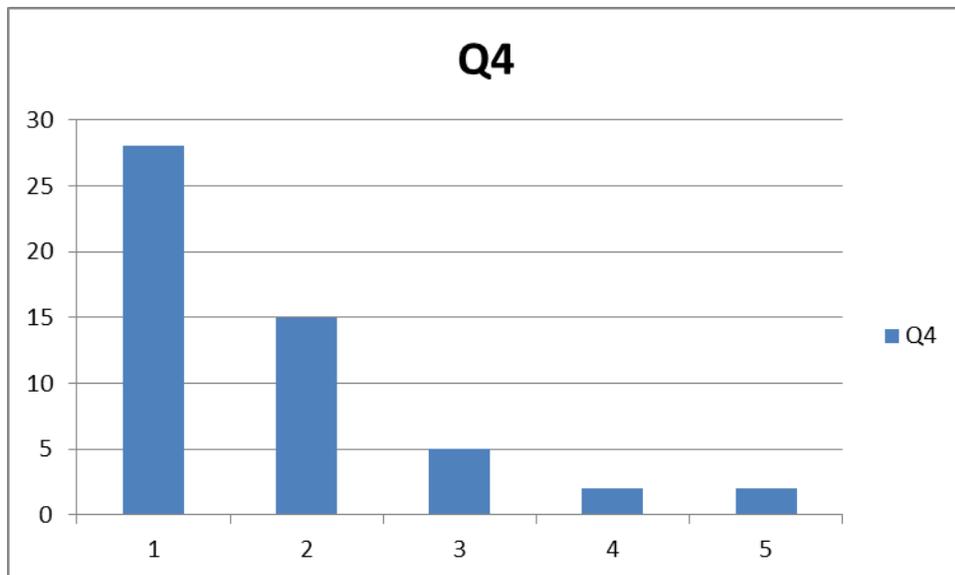


4. I learn independently for my own personal or professional development.

- Answered: 52
- Skipped: 0

Answer Choices	Responses
agree strongly	53.85% 28
agree somewhat	28.85% 15
neutral or not applicable	9.62% 5
disagree somewhat	3.85% 2
disagree strongly	3.85% 2
	52

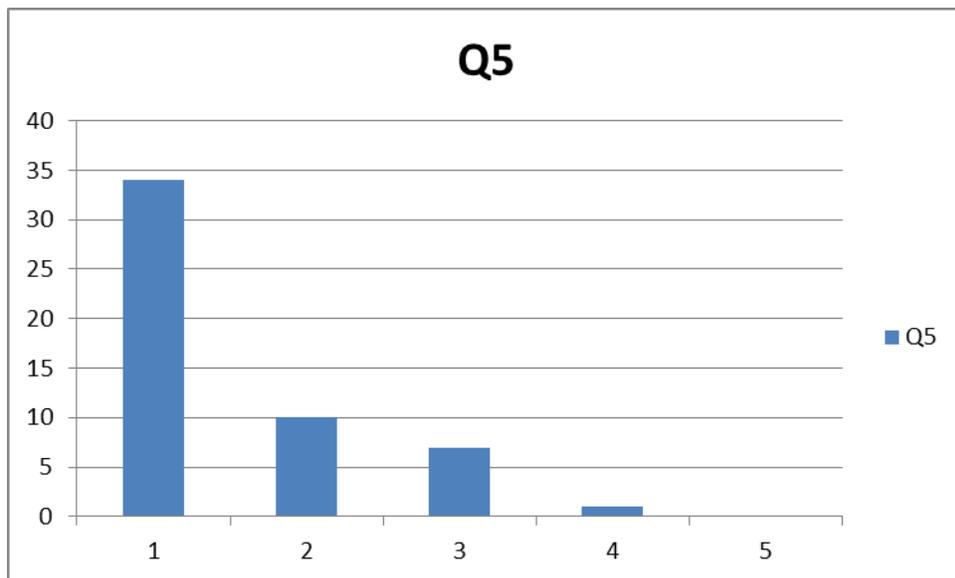
Total



5. I seek out enrichment or learning opportunities during travel.

- Answered: 52
- Skipped: 0

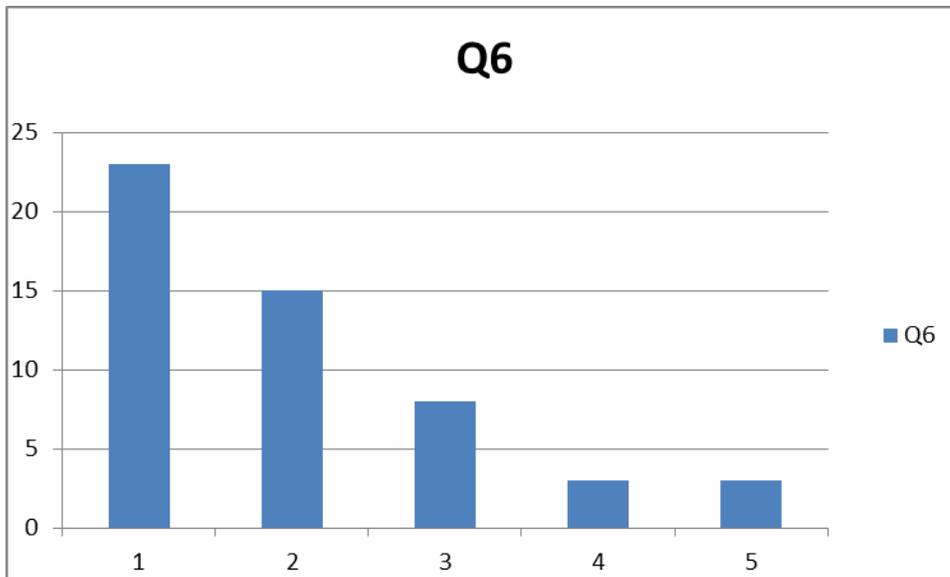
Answer Choices	Responses
agree strongly	34
agree somewhat	19.23%
neutral or not applicable	10
disagree somewhat	13.46%
disagree strongly	7
	1
	0%
	0
	52



6. I engage in cultural activities such as visiting museums and attending performances in the arts.

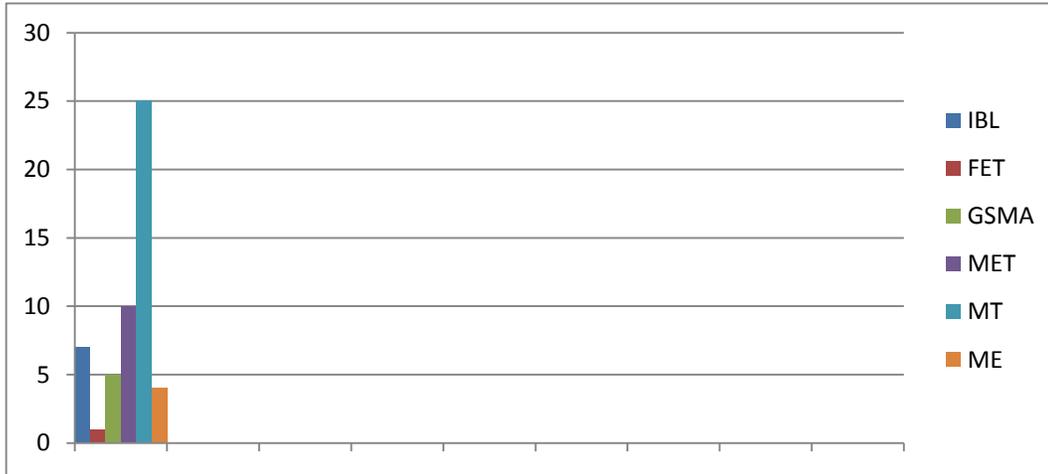
- Answered: 52
- Skipped: 0

Answer Choices	Responses
agree strongly	44.23% 23
agree somewhat	28.85% 15
neutral or not applicable	15.38% 8
disagree somewhat	5.77% 3
disagree strongly	5.77% 3
Total	52



Survey Responses Counted by Major

Major						
IBL	FET	GSMA	MET	MT	ME	Total
13.46%	1.92%	9.62%	19.23%	48.08%	7.69%	
7	1	5	10	25	4	52



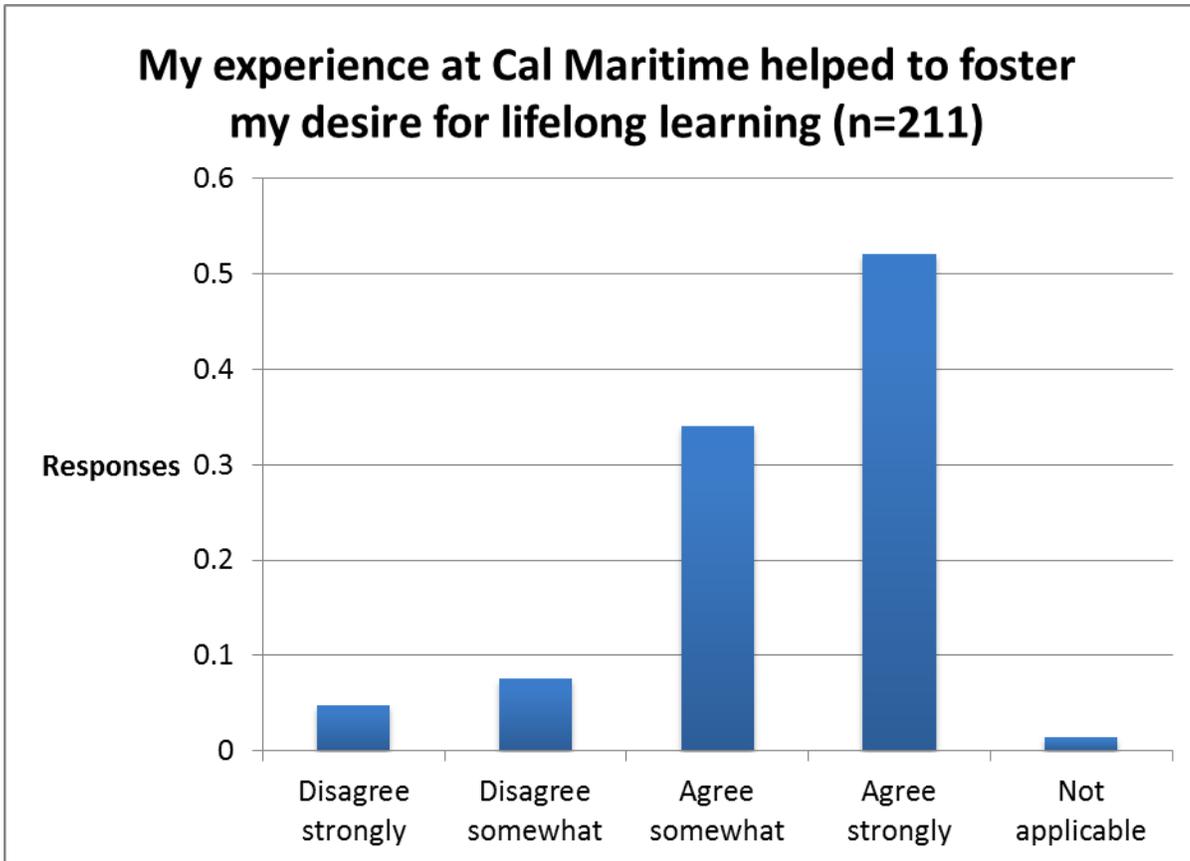
Appendix 2

Survey of Alumni for Institution-Wide Assessment Council for IWSLO(E)

Lifelong Learning:

Demonstrate a commitment to personal and professional development.

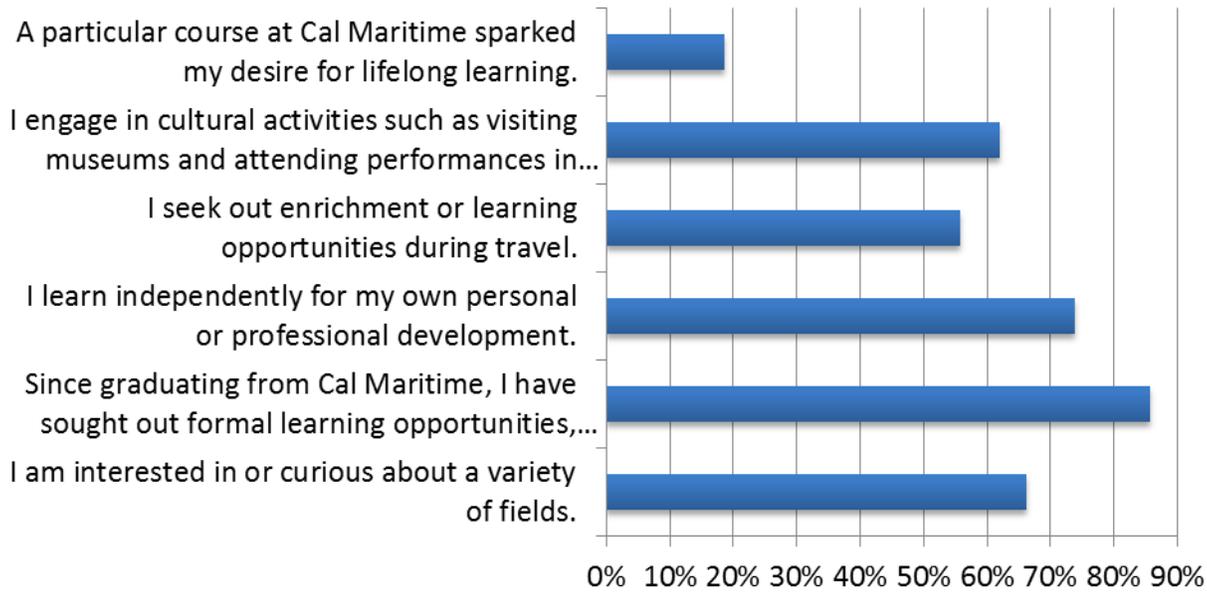
To what extent do you agree with the following statements:



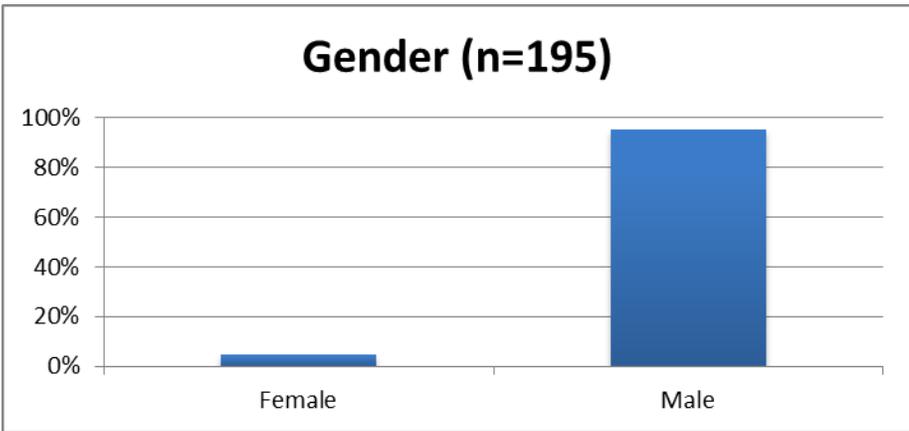
My experience at Cal Maritime helped to foster my desire for lifelong learning.

Answer Options	Response Count
Disagree strongly	5%
Disagree somewhat	8%
Agree somewhat	34%
Agree strongly	52%
Not applicable	1%
	211

Percent who Agree (n=210)

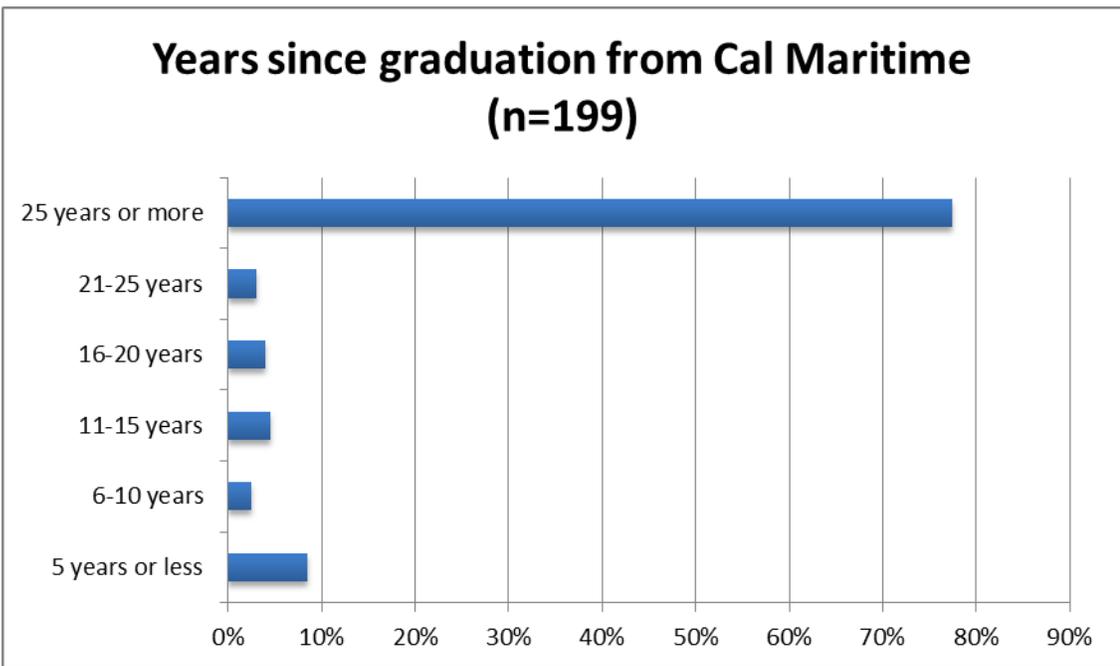


Agree	Response Percent
I am interested in or curious about a variety of fields.	66%
Since graduating from Cal Maritime, I have sought out formal learning opportunities, such as upgrading a license, taking a course, or getting a professional certificate.	86%
I learn independently for my own personal or professional development.	74%
I seek out enrichment or learning opportunities during travel.	56%
I engage in cultural activities such as visiting museums and attending performances in the arts.	62%
A particular course at Cal Maritime sparked my desire for lifelong learning.	19%
	210



Gender (n=195)

Female	5%
Male	95%



Years since graduation from Cal Maritime

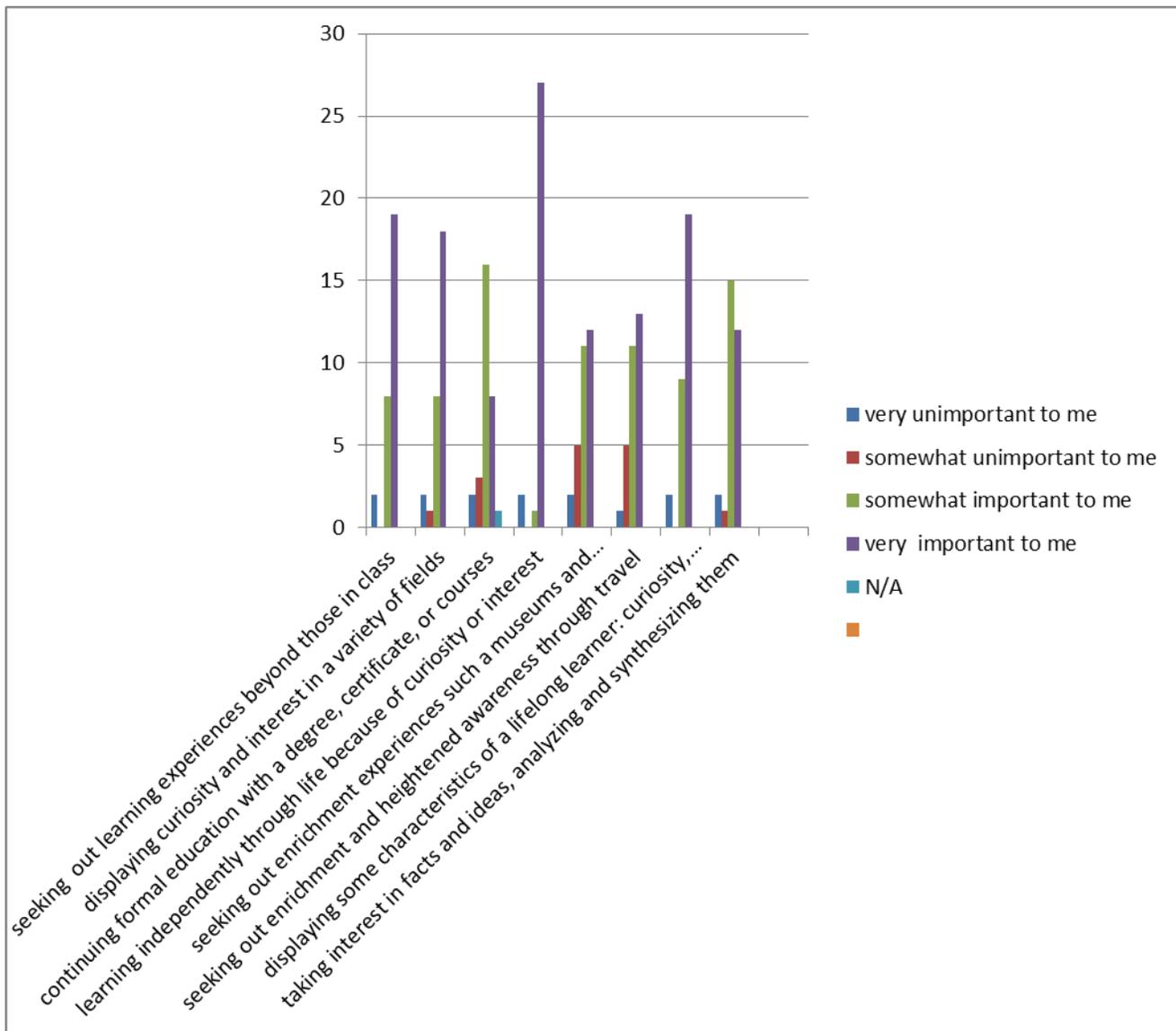
5 years or less	9%
6-10 years	3%
11-15 years	5%
16-20 years	4%
21-25 years	3%
25 years or more	77%

Appendix 3

Survey of Faculty for Institution-Wide Assessment Council for IW-SLO(E)

Lifelong Learning:

Demonstrate a commitment to personal and professional development



	Very Unimportant		Somewhat Unimportant		Somewhat Important		Very Important		N/A	
seeking out learning experiences beyond those in class	2	6.9%	0	0.0%	8	27.6%	19	65.5%	0	0.0%
displaying curiosity and interest in a variety of fields	2	6.9%	1	3.4%	8	27.6%	18	62.1%	0	0.0%
continuing formal education with a degree, certificate, or courses	2	6.9%	3	10.0%	16	53.3%	8	26.7%	1	3.3%
learning independently through life because of curiosity or interest	2	6.9%	0	0.0%	1	3.3%	27	90.0%	0	0.0%
seeking out enrichment experiences such as museums and performing arts	2	6.9%	5	16.7%	11	36.7%	12	40.0%	0	0.0%
seeking out enrichment and heightened awareness through travel	1	3.3%	5	16.7%	11	36.7%	13	43.3%	0	0.0%
displaying some characteristics of a lifelong learner: curiosity, responsibility, independence	2	6.9%	0	0.0%	9	30.0%	19	63.3%	0	0.0%
taking interest in facts and ideas, analyzing and synthesizing them	2	6.9%	1	3.3%	15	50.0%	12	40.0%	0	0.0%