CAL MARITIME

ANNUAL PROGRAM REPORT

Academic Program	Global Studies and Maritime Affairs
Reporting Academic Year	2019-2020
Department Chair	Assis Malaquias
Date Submitted	1/31/2021

1. SELF-STUDY (about 1 page)

A. Five-year Review Planning Goals

1. Continuously improve the department's assessment process to enhance program efficacy and increase student learning;
2. Continue to achieve student learning outcomes with greater proficiency;
3. GSMA student learning outcomes will also be reviewed on a yearly basis;
4. Review and reformulate the program learning outcomes to be better aligned with the institution-wide student learning outcomes;
5. Streamline the number of PLOs for the GSMA major;
6. Adjust, if necessary, the area emphases of the major to reflect emerging fields and issues in maritime policy, both to reflect the expertise of existing faculty, and to acknowledge areas where the faculty may not be sufficient.

B. Five-year Review Planning Goals Progress

The Department has successfully reviewed and adjusted the program learning outcomes and streamlined the number of PLOs for the major. The other goals pertaining to PLOs – eliminating compound SLOs and PLOs as well as establishing

a five-year assessment cycle – have also been achieved. The fifth goal, involving the adjustment of the key areas of emphases in the major, has also been achieved.

C. **Program Changes and Needs**

The department is going through a period of transition – both in personnel as well as in its programmatic focus.

1. Personnel changes:

   - Dr. Kate Sammler resigned in the summer 2020. This led to important changes in the department. First, at the curricular level, some of the courses that fell within Dr. Sammler's area of expertise – e.g., GMA 235: GIS Mapping & Spatial Analysis and GMA 395: Citizen Environmental Science – are no longer being taught. Second, it has led to a significant increase in the number of advisees that have been assigned to other two full-time faculty within the department. The department is currently conducting a national search to replace Dr. Sammler.

   - Dr. Donna Nincic is retiring at the end of Spring 2021. She leaves Cal Maritime after a distinguished career that included serving as a department chair for a number of years and anchoring important areas of the department's curriculum, including Maritime Security, Cybersecurity, and Polar Politics The department will seek permission to conduct a search to replace Dr. Nincic.

   - Dr. Dianne Meredith is completing her second year in the FERP program. She will retire at the end 2023-2024 academic year. Ideally, the department should look for her replacement during her last year on the faculty.

2. Programmatic changes:

   The department is in the process of reviewing its curriculum with a view to anchoring it more firm on a transdisciplinary security foundation. This will help

the department develop a greater sense of identity and better position itself for continuing growth.

2. SUMMARY OF ASSESSMENT (about 1 page)

A. Program Student Learning Outcomes

As a GSMA student you:

SLO 1: Gain an understanding of the key theories, policies, events and issues in global maritime policy and core related fields

SLO 2: Understand the importance of environment and geography to maritime policy and related fields

SLO 3: Think critically about the maritime field and transportation industry

SLO 4: Have the ability to use and understand mathematical and statistical tools relevant to maritime policy and related fields

SLO 5: Can solve complex problems across the spectrum of the social sciences

SLO 6: Can locate and apply appropriate resources by searching electronic and traditional databases

SLO 7: Can articulate, both verbally and in writing, the issues facing the domestic and international maritime community

SLO 8: Acquire the requisite research skills to complete a Capstone research project

SLO 9: Can apply appropriate technology to research projects and presentations

SLO 10: Develop an ethical awareness and facility with maritime policy and management

SLO 11: Develop an understanding of the importance of cultural diversity and take part in a GSMA international experience

SLO 12: Develop an understanding of their civic and social responsibilities as members of society and the maritime industry

SLO 13: Develop teamwork and leadership skills

B. Program Student Learning Outcome(s) Assessed

• SLO 1: Gain an understanding of the key theories, events, and issues in global maritime policy and core related fields.

• SLO 2: Understand the importance of environment and geography to maritime policy and related fields.

C. Summary of Assessment Process

We assessed the following courses and artifacts:

Course	Fall/Spring	Instructor	Required/Elective	Taught to:	Assessed Materials
GMA 100: Ocean Politics	Fall	Wade	Required	Freshmen	☐ Final Exam ☐ Research Paper
GMA 350: Political Geography	Fall	Meredith	Required	Juniors	• Research Essays • Final Exams
GMA 400: Senior Seminar I	Fall	Wade, Meredith,	Required	Seniors	☐ 3 area exams

With the exception of GMA 350, we assessed a minimum of 50% of the students in each

class; students were ordered alphabetically and every other student was chosen to ensure a random sample. We assessed only 32% of GMA 350 due to the fact that Turnitin had purged all but 14 of the research papers turned in for the class.

We used a 10-point scale for assessment for GMA 105 and GMA 350:

Research Papers	10/9	8/7/6	5/4/3	2/1
Use of Evidence	Primary source information used with at least one example to support main points; demonstrates in-depth understanding	Examples used to support most points; Some evidence does not support main points or may be inappropriate; still demonstrates strong understanding of readings	Examples used to support some points; points often lack supporting evidence; quotes poorly integrated; only occasionally critically evaluates sources	Very few or weak examples; general failure to support statements; quotes not integrated into sentences; demonstrates little understanding of sources
Analysis	Work displays critical thinking and avoids simplistic description or summary of information	Evidence sometimes a bit unclear; some description but more critical thinking	Analysis generally lacking. Even balance between critical thinking and description	Very little; more description than critical thinking

Exams	10 / 9	8 / 7 / 6	5 / 4 / 3	2 / 1
Accuracy of discipline specific knowledge (short answers, T/F, multiple choice)	Virtually no factual errors; answer displays a depth of understanding beyond the "correct" answer	Answer is "correct" with possible minor errors of understanding	Answer has some correct elements but displays more than a few errors of understanding	Answer is fundamentally incorrect
Use of discipline specific knowledge (essays)	No significant factual errors; student can use relevant current/historical events/issues correctly and in depth	Minor factual errors; examples used are generally correct, but not presented in detail	Many factual errors, or insufficient use of course material; generally student opinion	Many factual errors; current/historical events and examples used incorrectly or not at all

Our goals:

1. 80% of students will achieve a 6 or better in their assessed materials, and

2. The average score per assessed assignment will be 6 or better

Senior Seminar (GMA 400) Assessment

We assessed 50% of the students; three exams per student in each of the three fields (IMO, Political Geography, Maritime Security):

☐ Each exam was read and scored independently by Dudley Wade and Meredith

☐ We used a three-point scale: High Pass, Pass, Fail (3, 2, 1) for each exam (we used this scale instead of the 10 point scale above since this is how the students were actually assessed in the course). Where readers used "+" and "-" in their scoring, 0.25 was added to, or subtracted from, the score for computational purposes (e.g., 2+ became 2.25; 2- became 1.75);

☐ The average of the two individual scores was used

☐ IMO and Maritime Security were used to assess SLO 1 and Political Geography was used to assess SLO 2

☐ Goal is that 80% of students achieve a 2 or better in each field, and that the average of all scores is 2 or better.

D. Summary of Assessment Results

SLO 1 (GMA 105 and GMA 350): Gain an understanding of the key theories, events, and issues in global maritime policy and core related fields.

	Research Paper/Essay				Final Exam			
	Evidence		Analysis		Accuracy		Use of Knowledge	
Course	Average Score (Goal 6>)	% 6 or better (Goal 80%)	Average Score: (Goal 6>)	% 6 or better (Goal 80%)	Average Score: (Goal 6>)	% 6 or better (Goal 80%)	Average Score: (Goal 6>)	% 6 or better (Goal 80%)
GMA 105 (Papers N=18; Exams N= 30)	6.9	**72%**	6.8	**78%**	7.5	93%	7	83%
GMA 350 (N=14)	7.8	86%	6.9	**78%**	6.7	86%	8.8	100%

* Red denotes goal not met

SLO 1 (GMA 400): Gain an understanding of the key theories, events, and issues in global maritime policy and core related fields.

International Maritime Organizations (N=10)		Maritime Security (N=10)	
Average Score (Goal 2>)	% 2 or better (Goal 80%)	Average Score (Goal 2>)	% 2 or better (Goal 80%)
2.59	90%	2.53	90%

SLO 2 (GMA 105 and GMA 350): Understand the importance of environment and geography to maritime policy and related fields.

Due to difficulty in differentiating between SLO 1 and SLO 2 in the final exams, SLO 2 was assessed in research papers only in GMA 105 and GMA 350.

	Research Paper/Essay			
	Evidence		Analysis	
Course	Average Score (Goal 6>)	% 6 or better (Goal 80%)	Average Score:(Goal 6>)	% 6 or better (Goal 80%)
GMA 105 (N=11)	6.8	**72%**	6.4	**73%**
GMA 350 (N=14)	7.9	93%	7.4	**64%**

* Red denotes goal not met

SLO 2 (GMA 400): Understand the importance of environment and geography to maritime policy and related fields.

Political Geography (N=10)	
Average Score (Goal 2>)	% 2 or better (Goal 80%)
2.187	**60%**

* Red denotes goal not met

3. STATISTICAL DATA

Unavailable at the time of writing the report. An addendum will be submitted at a later time.