### Class of 2017

**Initial Career Outcomes Summary**

<table>
<thead>
<tr>
<th></th>
<th>Class of 2017</th>
<th>Class of 2016</th>
<th>Class of 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge rate*</td>
<td>64%</td>
<td>80%</td>
<td>80%</td>
</tr>
<tr>
<td>Career Outcomes Rate (% placed)**</td>
<td>81%</td>
<td>88%</td>
<td>88%</td>
</tr>
</tbody>
</table>

*The Knowledge Rate reflects the percentage of graduates for which reasonable and verifiable data on post-graduation initial career activities was obtained. Data collection begins with a spring online survey at June graduation and continues throughout the following six months with the collection of any missing data as well as the updating of any known changes in graduates’ information via other verifiable sources, such as direct outreach to graduates and LinkedIn profiles. Data shown reflect initial statistics from the June graduation survey and updated statistics gathered through 6 months. The knowledge rate only takes into account surveyed students who completed graduation requirements. See next slide for further details.

**Reflects students who have a job, students entering active military duty, students pursuing additional undergraduate coursework, students attending graduate/professional school, students engaged in volunteer service, and students still seeking employment or further education (n=219, 6-month report). Does not include students who are not seeking placement (n=2) and surveyed students who have not completed graduation requirements (n=41). Nonrespondents also not reflected.
For the Class of 2017, there is an updated methodology for career outcomes reporting and determining the knowledge rate, which aligns more closely with the first-destination standards/protocols of the National Association of Colleges and Employers (NACE).

The online June graduation survey was initially sent to 351 students. Following the survey administration and additional data collection through the following 6 months via verifiable sources, a total of 262 student records had been collected. This list of 262 student records was compared against the list of 344 confirmed bachelor’s degree completers for the period of July 1, 2016, to June 30, 2017 (i.e., the Class of 2017 per NACE guidelines). Of the 262 collected student records, 221 were confirmed as belonging to Class of 2017 degree completers*. This represents a 64% knowledge rate (i.e., verifiable data was obtained on 221 of 344 degree completers). This approaches NACE’s minimum recommended knowledge rate (65%).

*Any remaining student records either belong to students yet to complete their degrees or to students who had previously completed their degrees (e.g., Class of 2016).
### Class of 2017 Quick Facts

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Rate*</td>
<td>64%</td>
</tr>
<tr>
<td>Career Outcomes Rate (% placed)**</td>
<td>81%</td>
</tr>
<tr>
<td>Job placement within field of study (related or somewhat related)</td>
<td>98%</td>
</tr>
<tr>
<td>Percent of jobs that are full-time</td>
<td>98%</td>
</tr>
<tr>
<td>Percent of jobs that are permanent</td>
<td>90%</td>
</tr>
<tr>
<td>Annual full-time salary $50k or higher</td>
<td>79%</td>
</tr>
<tr>
<td>Number of students entering armed services</td>
<td>11</td>
</tr>
<tr>
<td>Number of students continuing education</td>
<td>2</td>
</tr>
<tr>
<td>Number of students engaged in volunteer service</td>
<td>1</td>
</tr>
</tbody>
</table>

*The Knowledge Rate reflects the percentage of surveyed graduates for which reasonable and verifiable data on post-graduation initial career activities was obtained.

**Reflects students who have a job, students entering active military duty, students pursuing additional undergraduate coursework, students attending graduate school, students engaged in volunteer service, and students still seeking employment or further education (n=219). Does not reflect students who are not seeking placement (n=2) and surveyed students who have not completed graduation requirements (n=41). Nonrespondents also not reflected.

Note that job and salary statistics shown are based on employed graduates only. Totals in this report may not equal 100% due to rounding.
## Class of 2017 Initial Career Outcomes

### Degree Completers and Collected Outcomes Data by Program

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree Completers</th>
<th>Outcomes Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Management</td>
<td>17</td>
<td>12</td>
</tr>
<tr>
<td>Energy Systems Engineering</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Facilities Engineering</td>
<td>58</td>
<td>35</td>
</tr>
<tr>
<td>International Maritime Business</td>
<td>36</td>
<td>23</td>
</tr>
<tr>
<td>Marine Engineering</td>
<td>115</td>
<td>65</td>
</tr>
<tr>
<td>Marine Safety &amp; Environmental Protection</td>
<td>31</td>
<td>22</td>
</tr>
<tr>
<td>Marine Transportation</td>
<td>75</td>
<td>52</td>
</tr>
</tbody>
</table>

Total Degree Completers = 344  
Total with Collected Verified Outcomes Data = 221  
Knowledge Rate = 64%

Note that nonrespondents are not reflected in any of the statistics that follow.
Class of 2017 Initial Career Outcomes

Note that Career Outcomes Status reflects all possible placement statuses after graduation, including those placed (e.g., in employment, military or volunteer service, or further schooling), not placed (i.e., still seeking employment or further schooling), and not seeking placement. The specific military branches of students entering active duty service are as follows: Air Force (n=1), Army (n=1), Coast Guard (n=2), Marines (n=3) and Navy (n=4). The specific graduate or professional schools of graduates furthering their education are Shanghai Maritime University and unknown.
CAREER OUTCOMES STATUS BY PROGRAM

- **Emergency Management (12)**
  - Employment: 92%
  - Not Placed: 8%

- **Energy Systems Engineering (12)**
  - Employment: 58%
  - Planning to Continue Education: 25%
  - Not Placed: 17%

- **Facilities Engineering (35)**
  - Employment: 86%
  - Active Duty Military: 6%
  - Volunteer Service: 9%

- **International Maritime Business (23)**
  - Employment: 78%
  - Planning to Continue Education: 4%
  - Graduate or Professional School: 4%
  - Volunteer Service: 4%
  - Not Seeking Placement: 9%

- **Marine Engineering (65)**
  - Employment: 69%
  - Planning to Continue Education: 5%
  - Graduate or Professional School: 26%

- **Marine Safety & Environmental Protection (22)**
  - Employment: 82%
  - Planning to Continue Education: 5%
  - Graduate or Professional School: 5%
  - Volunteer Service: 5%
  - Not Seeking Placement: 5%

- **Marine Transportation (52)**
  - Employment: 65%
  - Planning to Continue Education: 4%
  - Graduate or Professional School: 2%
  - Not Seeking Placement: 29%

* n=221
n = 210 (excludes students of unknown or unreported gender (n = 11))
Class of 2017 Initial Career Outcomes

- Total: 207 students

- Excludes non-residential alien/international students and students of unknown or unreported race/ethnicity (n=14).

### CAREER OUTCOMES STATUS BY RACE/ETHNICITY

#### Student of Color (20)
- Employment: 70%
- Planning to Continue Education: 5%
- Graduate or Professional School: 25%

#### White (187)
- Employment: 75%
- Planning to Continue Education: 5%
- Graduate or Professional School: 17%
- Active Duty Military: 1%
- Volunteer Service: 1%
- Not Seeking Placement: 1%
Class of 2017 Initial Career Outcomes

CAREER OUTCOMES RATE

- Not placed (still seeking employment or seeking further schooling) 42 19%
- Placed (employed, additional undergrad coursework, graduate school, volunteer work, or on active duty) 177 81%

*n=219 (statistics exclude students who are not seeking placement (n=2))
**CAREER OUTCOMES RATES BY PROGRAM**

- **Emergency Management** (12) - Not placed (8%) / Placed (92%)
- **Energy Systems Engineering** (35) - Not placed (14%) / Placed (86%)
- **Facilities Engineering** (35) - Not placed (9%) / Placed (91%)
- **International Maritime Business** (22) - Not placed (17%) / Placed (83%)
- **Marine Engineering** (65) - Not placed (5%) / Placed (96%)
- **Marine Safety & Environmental Protection** (22) - Not placed (14%) / Placed (74%)
- **Marine Transportation** (51) - Not placed (29%) / Placed (71%)

*Not placed (still seeking employment or seeking further schooling) / Placed (employed, additional undergrad coursework, graduate school, volunteer work, or on active duty)*

*n=219 (statistics exclude students who are not seeking placement (n=2))
*n=208 (statistics exclude students who are not seeking placement (2 men) and students of unknown or unreported gender (n=11)).
Class of 2017 Initial Career Outcomes

*C = 206 (statistics exclude students who are not seeking placement (1 White student), students who have not completed graduation requirements (n=41), and non-residential alien/international students and students of unknown or unreported race/ethnicity (n=14)).

Office of Career and Professional Services
NUMBER OF JOB OFFERS RECEIVED AMONG EMPLOYED STUDENTS

- None: 6%
- One: 33%
- Two: 22%
- Three: 20%
- More than 3: 19%
- None: 6%

* n=116 (statistics only reflect employed students who completed graduation requirements; unreported/unknowns excluded)
Class of 2017 Initial Career Outcomes

RECEIVED JOB OFFERS FROM A MMA CAREER FAIR OR EMPLOYER PRESENTATION

- **Career Fair (116):**
  - Yes: 47%
  - No: 53%

- **Campus Presentation (115):**
  - Yes: 16%
  - No: 84%

*Statistics only reflect employed students who completed graduation requirements; unreported/unknowns excluded.*
*n=114 (statistics only reflect employed students who completed graduation requirements; unreported/unknowns excluded)
### SOURCE TO WHICH ATTRIBUTE JOB

- **Academy referral**: 4%
- **Career Fair**: 25%
- **Co-op to full-time offer**: 23%
- **Commercial shipping to full-time offer**: 9%
- **On-campus recruiting**: 4%
- **Online tools (Monster, LinkedIn, etc.)**: 11%
- **Other**: 25%

*\( n = 114 \) (statistics only reflect employed students who completed graduation requirements and reported on employment source)*
NATURE OF EMPLOYMENT AND DEGREE OF RELATEDNESS OF JOB TO PROGRAM

- **Full-time**: 159 (98%)
- **Temporary**: 15 (10%)
- **Not at all related**: 3 (2%)
- **Somewhat related**: 21 (13%)
- **Highly related**: 136 (85%)

(statistics only reflect students who completed graduation requirements and reported that they are employed; unreported/unknowns excluded)
If yes, which union(s) joined / will join?

<table>
<thead>
<tr>
<th>Union</th>
<th>n</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Maritime Officers (AMO)</td>
<td>8</td>
<td>50%</td>
</tr>
<tr>
<td>Marine Engineers' Beneficial Association (MEBA)</td>
<td>6</td>
<td>38%</td>
</tr>
<tr>
<td>International Organization of Masters, Mates &amp; Pilots</td>
<td>3</td>
<td>19%</td>
</tr>
</tbody>
</table>

Yes

16

10%

No

147

90%

*n=163 (statistics only reflect students who completed graduation requirements and reported that they are employed; unreported/unknowns excluded); details on specific unions only provided for students who indicated they joined or plan to join one (n=16). In 2017 respondents were asked to select union for company name and membership rate was calculated from this question. Percentages may not add up to 100% because respondents could select more than one union.
Degree of Relatedness of Job to Program (By Program)

<table>
<thead>
<tr>
<th>Program</th>
<th>Highly related</th>
<th>Somewhat related</th>
<th>Not at all related</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Management (11)</td>
<td>46%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy Systems Engineering (7)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facilities Engineering (30)</td>
<td>87%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Maritime Business (17)</td>
<td>65%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Engineering (44)</td>
<td>91%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Safety &amp; Environmental Protection (18)</td>
<td>94%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Transportation (33)</td>
<td>88%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*n=160* (statistics only reflect students who completed graduation requirements and reported that they are employed; unreported/unknowns excluded)
Class of 2017 Initial Career Outcomes

INDUSTRY TYPE OF POSITION

- Non-maritime Ashore: 57 (48%)
- Maritime Ashore: 30 (26%)
- Maritime Afloat: 31 (26%)

*n=118 (statistics only reflect employed students who completed graduation requirements and reported on position industry type)
EMPLOYER VESSEL DETAILS FOR THOSE WORKING MARITIME AFLOAT

US Owned
97% (28)

Foreign Flag
3% (1)

Not an LNG Carrier
93% (25)

*n=29 (statistics only reflect employed students who completed graduation requirements and reported working maritime afloat; missing/unknowns excluded (n=2)).

*n=27 (statistics only reflect employed students who completed graduation requirements and reported working maritime afloat; missing/unknowns excluded (n=4)).
Class of 2017 Initial Career Outcomes

**FULL-TIME SALARY RANGES**

<table>
<thead>
<tr>
<th>Salary Range</th>
<th>Percentage</th>
<th>Number (N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0-$34,999 (8)</td>
<td>7%</td>
<td></td>
</tr>
<tr>
<td>$35,000-$49,999 (15)</td>
<td>13%</td>
<td></td>
</tr>
<tr>
<td>$50,000-$59,999 (24)</td>
<td>21%</td>
<td></td>
</tr>
<tr>
<td>$60,000-$69,999 (33)</td>
<td>30%</td>
<td></td>
</tr>
<tr>
<td>$70,000-$94,999 (24)</td>
<td>21%</td>
<td></td>
</tr>
<tr>
<td>$95,000+ (8)</td>
<td>7%</td>
<td></td>
</tr>
</tbody>
</table>

*N=112 (statistics only reflect students employed full-time who completed graduation requirements and reported on salary range)*
### AVERAGE FULL-TIME SALARY BY PROGRAM AND OVERALL (ALL PROGRAMS)

<table>
<thead>
<tr>
<th>Program</th>
<th>n</th>
<th>Average Salary</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Management</td>
<td>2</td>
<td>$42,000</td>
<td>$42,000</td>
</tr>
<tr>
<td>Energy Systems Engineering</td>
<td>6</td>
<td>$70,417</td>
<td>$67,250</td>
</tr>
<tr>
<td>Facilities Engineering</td>
<td>26</td>
<td>$65,856</td>
<td>$63,000</td>
</tr>
<tr>
<td>International Maritime Business</td>
<td>12</td>
<td>$55,851</td>
<td>$55,700</td>
</tr>
<tr>
<td>Marine Engineering</td>
<td>17</td>
<td>$70,291</td>
<td>$66,000</td>
</tr>
<tr>
<td>Marine Safety &amp; Environmental Protection</td>
<td>11</td>
<td>$42,661</td>
<td>$44,000</td>
</tr>
<tr>
<td>Marine Transportation</td>
<td>5</td>
<td>$50,400</td>
<td>$60,000</td>
</tr>
<tr>
<td><strong>All Programs</strong></td>
<td>79</td>
<td><strong>$60,825</strong></td>
<td><strong>$60,000</strong></td>
</tr>
</tbody>
</table>

\*n=79 (statistics only reflect students employed full-time who completed graduation requirements and reported on exact salary)
TOP 7 STATES / COUNTRIES IN WHICH EMPLOYER BASED

- Massachusetts: 54%
- Maine: 7%
- California: 6%
- Connecticut: 6%
- North Carolina: 6%
- Rhode Island: 6%
- Florida: 4%

*n=84 (statistics only reflect employed students who completed graduation requirements and reported on employer location)
*n=150 (statistics only reflect employed students who completed graduation requirements and reported on employer name)
JOINED / PLAN TO JOIN THE RESERVES OR NATIONAL GUARD

<table>
<thead>
<tr>
<th>Response</th>
<th>n</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>178</td>
<td>86%</td>
</tr>
<tr>
<td>Yes, the Reserves (Army, Navy, Marine Corps, Air Force, or Coast Guard)</td>
<td>20</td>
<td>10%</td>
</tr>
<tr>
<td>Yes, the National Guard (Army National Guard or Air National Guard)</td>
<td>9</td>
<td>4%</td>
</tr>
<tr>
<td>Total</td>
<td>207</td>
<td>100%</td>
</tr>
</tbody>
</table>

*Statistics excludes missing/unknowns (n=3) and active military duty students (n=11)*