University of Alaska
Fisheries, Seafood and Maritime Initiative

Maritime Works!
Fisheries, Seafood and Maritime Initiative – Maritime Works!

16 University of Alaska Campus Locations
More Coastline than all of the contiguous USA plus Hawaii!

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FSMI goals:

• Sustain and enhance the economy and the communities of Alaska
• Support Alaska’s workforce, particularly in coastal communities

The University’s initiative will:

• Collaborate with industry and community
• Align training and education
• Provide Access
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Workforce Development Planning Process

Employers/Industry
- Perceive Workforce Shortages
- Initiate Occupational Analysis
- Prioritize Occupational Needs

Education and Training Providers
- Create Program Inventory
- Determine Capacity
- Develop Delivery Options

Partnership
- Gap Analysis
- Create Workforce Plan
- Implementation
- Evaluation
Leadership Partnerships
- Executive
- FSMI Leadership Team
- Industry Sector Committees
- UA Workforce Development Committee
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Critical Investments Towards the Solution

• 2011-2014 UA invested $365,000 to facilitate FSMI Workforce Development Plan project.

• UA invested $463,400 in 2017 from the Technical Vocational Education Program into FSMI training programs.

• UAS awarded $2.2M TAACCCT grant for fisheries technology program

• UAS awarded $5.8M Title III grant for expansion of maritime trades and teaching facilities
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<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Classes</th>
<th>Locations</th>
<th>Intensive Courses</th>
<th>Semester Courses</th>
<th>e-learning courses</th>
<th>Hours Taught</th>
<th>Credits Earned</th>
<th>NC/CEU Classes</th>
<th>Completers</th>
</tr>
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<tbody>
<tr>
<td>FY14 Totals</td>
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<td>20</td>
<td>81</td>
<td>20</td>
<td>21</td>
<td>4066</td>
<td>1120</td>
<td>33</td>
<td>1035</td>
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<tr>
<td>FY15 Totals</td>
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<td>22</td>
<td>128</td>
<td>27</td>
<td>17</td>
<td>5405</td>
<td>1709</td>
<td>34</td>
<td>1502</td>
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<td>FY16 Totals</td>
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<td>30</td>
<td>151</td>
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<td>19</td>
<td>4864</td>
<td>1357</td>
<td>55</td>
<td>1767</td>
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<td>Grand Total</td>
<td>429</td>
<td>72</td>
<td>360</td>
<td>45</td>
<td>57</td>
<td>14335</td>
<td>4186</td>
<td>122</td>
<td>4304</td>
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</table>
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Vigor-Maritime Works Sector Partnership
A Strategy for a 21st Century Manufacturing Workforce in Ketchikan, Alaska

In 2017, the Vigor-Maritime Works Sector Partnership (VMW Partnership) will begin a best-in-class, Alaska resident shipbuilding and repair workforce. This partnership between Alaska LLC, the leading provider of shipbuilding, ship repair, and complex fabricators in the Pacific Northwest and Alaska, and Maritime Works, an alliance of Alaska maritime leaders, will demonstrate how employer-led co-investment of private, public, and philanthropic resources can sustain a regionally competitive, advanced manufacturing workforce in rural and resource-driven economies.

ALASKA MARITIME APPRENTICESHIP PROGRAM
IT’S OFFICIAL!
We are SO excited to announce that we have registered our program with the U.S. Department of Labor! Apprentices will begin training at AVTEC in Seward starting Spring 2017 and qualified apprentices will be placed on boats by Summer!

VOYAGE PATHS

<table>
<thead>
<tr>
<th>Voyage Path</th>
<th>Tier 1</th>
<th>Tier 2</th>
<th>Tier 3</th>
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<tbody>
<tr>
<td></td>
<td>Able Bodied Seaman</td>
<td>Mate</td>
<td>Chief Galley Cook</td>
</tr>
<tr>
<td></td>
<td>Chief Engineer</td>
<td>Assistant Engineer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Engineer</td>
<td>Steward Assistant</td>
<td></td>
</tr>
</tbody>
</table>

* Voyage Path 2: Once apprentice reaches Tier 3, apprentice may choose either Designated Duty Engineer (Limited License), or Third Engineer (Unlimited License)
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GOALS OF THE MARITIME WORKFORCE DEVELOPMENT PLAN

- To increase the number of Alaskans working in the skilled and well-paying maritime occupations.
- To develop a responsive workforce, which will enable the maritime sector to remain a substantial contributor to the state’s economy.
- To guide Alaska’s workforce to discover and prepare for the wide range of employment opportunities in the maritime sector.

5 OVERARCHING GOALS AND 23 PRIORITY OCCUPATIONS

5 Overarching Goals: Click here for more information about the Overarching Goals being used to implement maritime workforce development strategies and actions.

23 Priority Occupations: Click here for more information about the high-priority occupations identified. Our workforce development efforts will focus on these 23 occupations.
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SUSTAINABILITY

FSMI Leadership

Maritime Works

Working Groups
# Fisheries, Seafood and Maritime Initiative – Maritime Works!

## Partnerships
- Alaska Department of Education and Early Development
- Alaska Department of Labor and Workforce Development
- Alaska Fisheries Development Corporation
- Alaska Process Industry Careers Consortium
- Alaska SeaGrant
- Icicle Seafoods
- Maritime Works
- Vigor Alaska

## Recognition
- [Alaska Workforce Investment Board](https://www.alaskaworkforce.com)
- [Lloyd’s List Awards](https://lloydlist.com)
- [UAS 2017 Celebrating Faculty Excellence Teaching Award](#)
- Reid Brewer
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https://youtu.be/sD5gmVPRrLw
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