The Maritime High School based at Le Fevre High School is an initiative of the South Australian government and combines secondary school studies that have a specific focus on high level maths and science and technical Vocational Education and Training (VET) within a maritime context.

The Maritime High School now combines secondary school studies that have a specific focus on maritime studies for the Western Adelaide regional schools. In addition to the maritime vocational courses, a number of maritime scientific studies courses have been developed providing opportunities for students to study ship design, electronics, radar, GPS and navigation technologies. This provides a training pathway towards achieving a nationally recognised vocational accreditation and the South Australian Certificate of Education (SACE) at the same time.

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**Maritime High forges career pathways**

The Maritime High School, based at Le Fevre High School, is pleased to report its new offerings in maritime education and career pathways.

**Maritime Engineering**

A VET course in Maritime Engineering has been available to students since 2011 at the school’s Trade Training Centre. Currently, 15 students from the Western Adelaide Region are enrolled in the course for one day a week.

The course equips students with metal engineering trade qualifications that will see them highly sought after by potential employers. These qualifications will be particularly relevant when Australia commences the build of its new fleet of Future Submarines and into the next 30 years.

A Maritime Industry Pathway certificate commenced this year with 27 students from Adelaide schools. The Maritime School has worked closely with the Australian Maritime and Fisheries Academy (AMFA) to develop this program for students wishing to obtain their Certificate II in Transport and Distribution (Maritime Operations).

Based at AMFA in Port Adelaide, the students spend the final week of each term learning about marine safety, engineering, boat handling and nautical theory before heading on a five day voyage on the Tall Ship ‘One and All’.

A similar course has commenced on Eyre Peninsula offering west coast students this Maritime Industry Pathway Program.

**More pathways to come**

The Maritime High School is working with Ocean View College to highlight the importance of the transport and distribution industries. The Australian Maritime College (AMC) and local industries in Port Adelaide are supporting this new development to create a logistics focus at Ocean View in pathways both land-based and maritime-based operations.

Courses commence this year at Ocean View and in 2015 Certificate courses will be offered from a new Ocean View facility in Port Adelaide so that students from around Adelaide can access courses.

The Maritime High School and AMC have again supported staff and students to visit the College in Launceston. In June, 16 selected students investigated marine orientated studies in engineering and naval architecture and were very excited about the Maritime opportunities that they learned about on their three day visit.

For more information on maritime courses or career pathways, contact Rod Hunter at Rod.Hunter598@schools.sa.edu.au

Written by Rod Hunter, Maritime Manager, Le Fevre High School - SA’s Maritime High School
Ocean View makes logistics a smart move

From 2014, Ocean View College will offer its students a career pathway into the opportunistic world of logistics. Leading Logistics was established in collaboration with LeFevre Peninsula Partnerships Schools. It will provide students, who tend to excel in hands-on learning, the chance to develop skills in problem solving, teamwork, communication, innovation and personal initiative. Students taking on the program will walk away with Certificate II in Logistics.

Ocean View will further provide for student career pathways by strengthening its existing industry relationships and establish new ones where possible. It will also provide students with industry-standard instruction and trade training facilities to better prepare them for future employment.

Peter McLaren, Principal of Ocean View College, has set up an Industry Advisory Group to guide the continual development of the Leading Logistics curriculum.

For more information on Leading Logistics, contact Donna Mason at Donna.Mason902@schools.sa.edu.au.

Written by Donna Mason, Deputy Principal, Ocean View College

Students dive into submarine project

Le Fevre High School will build its own mini-submarine this year and strengthen ties with a national maritime college in the process.

Tasmanian-based Australian Maritime College gave the school the internal motor of the submarine last week for Year 12 physics students to build the external components. The college wants to eventually set up a base in Port Adelaide and last year formed partnerships with Le Fevre High and Ocean View College to develop maritime subjects in a bid to better prepare students for jobs in the industry.

Le Fevre High principal Rob Shepherd said the project provided students with technical skills they could use in the workplace. “Local students get a leg up into the industry and this really value-adds to the workplace pathways we’ve put in place,” Mr Shepherd said.

Year 12 students Mikayla Thompson, Nattapol Jiravijakkhana and Travis Bancroft will help build the external components of the submarine, which when completed will be about 2m long.

Travis, 17 said he wanted to become an engineer and the physics project would help him on his career pathway. “It is going to allow me to develop the theoretical and practical understanding of a vessel, which is going to be really beneficial when it comes time to look for a job,” he said.

Source: Portside Messenger
Exploring options in the Navy

In March 2014, selected teachers and Industry Skills Managers visited the Garden Island Navy Base of the Royal Australian Navy. The base is located in Perth and is the home of the country’s South Australian-built fleet of Collins class submarines.

Visitors to the base heard about the range of training and career opportunities available to students through the Navy particularly in engineering, electronics and trade. They also heard about the opportunities available to school leavers, which includes graduate and undergraduate technical and trade training programs.

This information was particularly useful to the teachers and Industry Skills managers because it gave them various naval career pathways to present to students regardless of the level of schooling they choose to complete. With many of Australia’s submarines being built in South Australia, there are various opportunities available to our students at many different levels.

The visit ended with a tour of a submarine and presentation on a day in the life of a naval officer.

For more information on the naval base visit, contact your local teacher or Industry Skills manager. For more information on the Royal Australian Navy, go to www.defencejobs.gov.au

All aboard for ship safety

Recently, a group of Maritime Industry Pathway Program students enjoyed Elements of Shipboard Safety, a weeklong course in maritime safety.

The course was held at the Australian Maritime and Fisheries Academy (AMFA) and included lessons in life raft safety at the Adelaide Aquatic Centre. It also included lessons in extinguishing different types of fires, which were held aboard AMFA’s fire tugboat.

Students participated in a damage control activity that required them to stand in a water tank and plug holes in the tank’s wall to stop water from pouring in. They wore waterproof gear (waders) to highlight the importance of safety in such an exercise.

Excellent teamwork and participation was displayed by all.

The students will return to AMFA later this year to complete lessons in navigation and boat handling.

For more information on Elements of Shipboard Safety, visit www.afa.edu.au

Written by Rod Hunter, Maritime Coordinator, Le Fevre High School - SA’s Maritime High School