program overview

Chevron is one of the world’s leading integrated energy companies and through its Australian subsidiaries, has been present in Australia for more than 60 years.

Chevron Australia leads the development of the Gorgon and Wheatstone natural gas projects, manages its equal one-sixth interest in the North West Shelf Venture and operates Australia’s largest onshore oilfield on Barrow Island. In addition, Chevron is a significant investor in exploration offshore Australia, and provides operational support to exploration assets operated by its affiliates in New Zealand.

The Chevron-operated Gorgon Project is one of the world’s largest natural gas projects and Australia’s largest single resource project.

In conjunction with Gorgon, the Wheatstone Project is set to cement Chevron’s position as a leading supplier of liquefied natural gas (LNG) locally and globally for generations to come.

Chevron Australia is providing an opportunity for students to undertake a one year program of work endorsed by the School Curriculum and Standards Authority. Students undertaking this program gain the equivalent of two units towards their Western Australian Certificate of Education (WACE) graduation upon completion of the course.

The course is suitable for students who would like to:

- Develop an understanding of the oil and gas industry and expand their knowledge and skills through engagement with new experiences and activities associated with the oil and gas industry.
- Develop an understanding of the broad range of career options available within the energy industry, and how they align to individual’s career aspirations.

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course outline

Offered to year 10, 11 and 12 students, the course focuses on increasing their understanding around the opportunities for employment in the oil and gas industry. Students will study a total of five units covering a wide range of topics relating to the LNG industry and will learn about the history of the industry and its global networks. Students will also develop knowledge of the essential skills and work requirements for a career in this sector and understand the practical application of Chevron’s work safety program. The course also explores the broad range of career options available within the oil and gas industry.

Unit One – Introduction to Energy
Will introduce students to the role of energy in our community with a focus on understanding the various aspects of the LNG value chain. Chevron operates in many diverse communities around the globe and students will have the opportunity to understand and explore cultures as well as develop knowledge about Australian cultural heritage, native title and how these aspects shape the modern resource industry. Wherever possible, this unit aims to link the relevance of their studies to real life scenarios.

Unit Two – The Science Behind LNG
Will explore the various forms and sources of energy, from crude oil to renewable sources. Physics, chemistry, science and engineering disciplines will all be explored in the context of LNG. The knowledge gained will then be applied to a range of simple experiments. The unit also includes a focus on environmental science, the importance of biodiversity and how organisations can work in harmony with the environment. For more than 50 years, Chevron has successfully maintained Barrow Island’s Class A Nature Reserve status while also being home to Australia’s largest onshore oilfield. The island’s rich environmental biodiversity and history will be examined to identify how Chevron has demonstrated that with proper management, development and conservation can coexist.

Unit Three – Safety and the Environment
At Chevron, this means Operating Safely to Protect Resources, the Environment and You (OSPREY). Students will be introduced to the concept of behaviour based safety and understand the importance of adopting an injury and incident free approach across all facets of their life. A look back at global disasters to examine what went wrong and what can be learned provides an insight into the relevance and importance of safety at work. Personal safety aspects also covered will include health and wellness, drug and alcohol information and driver education relating to employment.

Unit Four – Exploring Careers in Energy
Will focus on the key skills required for success in the workplace including an introduction to teamwork, trust and conflict resolution. The program will also introduce students to the types of jobs, career opportunities and further training offered in the LNG industry. A broad range of Chevron personnel, including recent university graduates and current apprentices and trainees, will be available to provide first-hand information about job opportunities available and to share their individual journeys at Chevron. This program will also provide practical support to schools in developing a student’s confidence with resume writing, job applications and interview techniques.

Unit Five – LNG Exploration Camp
The LNG Exploration Camp draws together aspects of units one to four to provide practical application of the skills and knowledge learned. It is a pre-requisite that students successfully complete the preceding four units prior to enrolling and participating in unit five. At the camp, students will be immersed in the occupational health and safety culture within Chevron and will undertake science and engineering experiences associated with LNG production, as well as have the opportunity to experience the workplace first-hand and work alongside Chevron personnel to complete projects and activities.

The assessment and facilitation services are provided by Chevron with no additional costs.

powering careers in energy videos

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Watch now > Australian Students Participate in the Future of Energy