VET
Vocational Education and Training (VET) courses provide you with skills that are recognised by industry.

Units of competency selected from Training Packages within each industry area gain national recognition. This means they are transferable to TAFE and other Registered Training Organisations (RTOs) throughout Australia.

VET is about training for employment or further study.

SACE/TAFE Credit transfer
All units of competency are nationally recognised. Learners who successfully complete all required units of a qualification are entitled to receive an academic transcript. A statement of attainment will be issued if learners complete one or more units of competency but do not meet the requirements for a qualification.

Each 70 hours of successfully completed competencies contributes 10 credit points towards SACE Stage 2 completion.

Information sessions
Details available from the RTO Office.
Phone: 8366 2869
Email: training@msc.sa.edu.au

Course fees
Course fees apply and vary depending on the mode of delivery and number of competencies undertaken.

Other Certificate courses offered include:

- Business - Certificate II
- Business/Business Administration - Certificate III
- Children's Services - Certificate III
- Community Services - Certificate II
- Design - Certificate III in Visual Arts
- Design - Certificate IV
- Education Support - Certificate III
- Media - Certificate III
- Photoimaging - Certificate III in Visual Arts
- Painting & Drawing - Certificate IV in Visual Arts
- Textiles - Certificate III in Visual Arts
- Textiles - Certificate IV in Visual Arts
- Vocational Geoscience (TafeSA)

To find out more about any of these courses please visit the RTO Office via Marden Student Services or call 83662869.
Aims
This course is designed to provide students with a basic training in the operation and maintenance of a variety of geophysical, navigational and other field equipment. The course also aims to provide students with an understanding of the fundamental principles of physics applied in each geophysical method. It prepares trainees with the skills needed to work safely as field assistants in geophysics, collecting data according to the instructions of geoscientists. It also aims to raise student awareness of further training and study pathways, (including TAFE and university options), as well as the broad range of careers that require these practical skills, such as mining and petroleum exploration, environmental science and the monitoring of salinity, resistivity and other geophysical data.

Career opportunities are likely to occur Australia wide as well as overseas, requiring frequent travel and the need to work for extended periods in remote places. To fill these roles, graduates need to be self-reliant, self-motivated, have good communication and inter-personal skills, be able to follow detailed instructions and work as a member of a team.

Facilities
Marden Senior College has well equipped Physics and Geology laboratories. Through arrangements with local industries, a range of geophysical instruments will be made available at Marden for training purposes. Students also have access to industry standard, fully equipped computer laboratories. As part of their training, students will visit the O’Halloran Hill Campus of TAFESA, the University of Adelaide, Unibrae Agricultural High School and various nearby field locations including the River Murray, to use instruments, special facilities or opportunities available at these places.

Prerequisites
There are no formal prerequisites however, satisfactory completion of SACE Stage 1, including at least one Science and one Mathematics course is preferred.

Recognition / Status
A student enrolled in the course may apply for exemption from part of the course in recognition of prior training, study, life or work experience.

Students wishing to apply for Recognition of Prior Learning (RPL) must supply evidence of their skills for each performance criteria within a unit of competency and/or may be required to demonstrate skills against the criteria.

Pathways
Vocational Geophysics is delivered at Marden under the auspices of TAFESA. The modules offered are fully accredited toward the Certificate III in Mining Exploration via a shared delivery agreement. The Certificate III requires a further 6 months of part time training, available at the O’ Halloran Hill Campus of TAFESA. The Certificate III also articulates with the Diploma in Geoscience, at O’Halloran Hill through a further 18 months of full time study.

Part Certificate III Mining Exploration (RII30509)

<table>
<thead>
<tr>
<th>Modules available at Marden Senior College</th>
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<tbody>
<tr>
<td>RIEGS301A  Operate and maintain instruments and field equipment</td>
</tr>
<tr>
<td>HLFA402B  Apply advanced first aid</td>
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<tr>
<td>Modules available at the O’Halloran Hill Campus of TAFESA include:</td>
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<tr>
<td>RIICOM201A  Communicate in the workplace</td>
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<tr>
<td>RIQUA201A  Maintain and monitor site quality standards</td>
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<tr>
<td>RIIRIS201A  Conduct local risk control</td>
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<tr>
<td>RISTD202A  Collect routine site samples</td>
</tr>
<tr>
<td>RIEGS302A  Plan and undertake a field trip</td>
</tr>
<tr>
<td>RIEGS305A  Navigate in remote or trackless areas</td>
</tr>
<tr>
<td>RIEGS201A  Operate in isolated and remote or trackless areas</td>
</tr>
<tr>
<td>RISTD302A  Process data and maintain accurate records</td>
</tr>
<tr>
<td>CPPSIS3006A  Provide field support services</td>
</tr>
<tr>
<td>RIEGS304A  Mobilise equipment and materials</td>
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<tr>
<td>RISAM209A  Carry out operational maintenance</td>
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Vocational Geophysics can provide a useful practical introduction and the necessary basic concepts of physics to suit those who might wish to continue to study Year 12 Physics in the future. The topics covered include electricity, magnetism, electromagnetic waves, gravity and seismic waves, satellites and GPS systems.

Vocational Geophysics also articulates with award winning Vocational Geoscience, also offered at Marden. Taken together, these two courses provide a sound introduction to Year 12 Geology, (available at Marden). They can help to raise student awareness of interest in University courses in Geology and Geophysics, Earth and Environmental Sciences, Petroleum and Mining Engineering and others as well as Physics.

In normal economic times these vocational courses at Marden and the Certificate III in Mining Exploration have often led to immediate employment in the field. Given the present global downturn however, beginning students are encouraged to plan ongoing training and/or study, for example towards the Diploma in Geoscience at TAFESA or towards a degree course at University. The Diploma in Geoscience, provides pathways to careers as para-professionals and geotechnicians in the resources industry.

Delivery and Time Commitment
Marden Senior College delivery will be face-to-face with students attending classes on Thursdays from 8.45 am - 1.05 pm each week for a period of one full semester.

Intake will occur in July. Some field work will be required, however most classes will be in the Physics and Geology laboratories at the Marden campus. Delivery at O’Halloran Hill requires full time attendance, except for those modules completed previously at Marden. Attendance at a field assistant camp is required.

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