



Workplace
Training
Specialists

Diploma of Irrigation Management (AHC51616)

Quick Facts

Course details	A training schedule is set out over an 18 month period. Contact River Murray Training for a current training schedule. The course is facilitated entirely online with a weekly 1.5 hr session held Thursday's at 4.30pm EDST. Depending on prior experience, participants can expect to undertake up to 20 hours a week applying their skills and knowledge in their "irrigation" work place.
Prerequisites	There are no prerequisites or corequisites for the AHC51616.
Pathways into this qualification	This qualification may be accessed by direct entry or by completion of the Irrigation Industry Agronomist Skill Set. Direct entry applicants must be able to demonstrate prior experience in irrigation equivalent to a Certificate III or IV level Irrigation Australia also offer a Certified Irrigation Agronomist with its preferred units. Refer to IAL website for more information. www.irrigation.org.au or contact on 1300 949 891 . Or info@irrigation.org.au . These units can be obtained through River Murray Training through an RPL and/or structured learning pathway.
Entry requirement	<u>A core skill profile</u> at level 4. An RMT facilitator will assist you in doing a profile. If not at level 4, we may recommend you undertake an Irrigation Manager Skill Set or an Irrigation Agronomist Skill Set prior to enrolling in the full qualification. Skill Set units can contribute to a full qualification at a later time. Participants must have access to an irrigation environment relevant to the Diploma level irrigation skills and knowledge in which they are enrolling.
Recognition of Prior Learning (RPL)	Competence in units can be fully or partially awarded through recognition of prior experience and/or learning. RPL reduces the time required to complete the course, and reduces the cost of a qualification. Indicate your interest in RPL on the Enquiry Form.
National Recognition	River Murray Training recognises the AQF qualifications and statements of attainment issued by other RTO's where a certified statement of attainment/qualification and statement of results are provided.
Course Fees Accredited courses are GST free	\$5,500 (\$1500 on commencement, \$1333 at 3, 6 & 9 months, for full qualification Per unit fee \$500 Per unit RPL fee \$200 For refund and fees in advance policies, and fee breakdown, please refer to website. Fees include the cost of required learning resources, and assessments.
Skill Development	This program utilises opportunities to develop skills in your irrigation work environment.

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Career Opportunities

Job roles associated with this qualification relate to managing an irrigation business, or a business section that is responsible of irrigation services either internally or to external customers.

Enrolment process

Prior to enrolment please read the **RMT Code of Practice, Fees in advance** and **refund policy and service guarantee advice** found on www.r-m-t.com.au.

1. Indicate your interest in the course by contacting RMT by phone, email or Form enquiry.
2. Participate in a pre-enrolment interview to discuss your requirements and learning context such as reason for study, flexible delivery, Recognition of Prior Learning, enterprise arrangements and learning support needs. Fees, advance fee policy, refund policy and service guarantee are documented in a Client Services Agreement. Profiling of your core skills will be undertaken and the outcomes used to:
 - a. advise you on learning pathways into the AHC51616; and/or
 - b. tailor your individual learning plan to include core skills advancement to the level indicated for irrigation competencies.
3. Complete an enrolment form, select units of competency and apply for any RPL. There may be an RPL fee payable.
4. An RMT Facilitator will guide you through the RPL process, and provide feedback on what is required to meet "not yet competent" units.
5. An individual learning program is developed and included in the Client Services Agreement.
6. Other arrangements are negotiated and documented in the Client Service Agreement – Fee, Delivery and Assessment, and any Enterprise arrangements; Client support plan (if applicable); and learner/RTO/enterprise roles and responsibilities.

Learner orientation is arranged and undertaken. The Client Service Agreement is signed by relevant parties. Learner is given login and password to access to www.r-m-t-online.com.

Online Delivery

Online delivery provides a flexible way to study. Consider the benefits. **No need to be away from the workplace, community and family. No extra costs for travel, travel time and accommodation. Connect with other irrigation professionals around Australia from a variety of irrigation environments.**

- o Regular online session (1.5 hours) in a group (maximum size is 10), usually weekly using online meeting software. No cost for learners. Sessions are recorded; should you miss.
- o Supplementary learning resources and handouts accessible from www.r-m-t-online.com.
- o Facilitator is accessible via email, Internet chat or phone for additional support if required.

Your choice of units

Because of our flexible delivery strategy we are able to offer clients their choice of units within the qualification rules. If there is a skill not listed we may be able to import an appropriate unit from another industry Training Package. Please raise this at the pre-enrolment interview with the RMT Irrigation facilitator.

Client support

The need for additional support is discussed during the pre-enrolment interview and where agreed, a client support plan is developed, documented and included in the Client Services Agreement. This will be reviewed with the client on a regular basis. River Murray Training can provide additional tutoring support and counselling on other support options.

RMT offers reasonable adjustments in how assessment is undertaken to accommodate a client's special needs, where a client has indicated he/she has special needs. A list of support services and contacts is provided to participants in their orientation pack. Please discuss your needs with our Irrigation Program Manager or Facilitator.

Assessment

Evidence for assessment will include assignments and projects that both add value to a participant's workplace and will demonstrate competency.

Evidence against Required skills and Required knowledge can in part be inferred from evaluation reports, research, and planning documents (eg drainage/irrigation/waste water treatment design plans, irrigation maintenance plans; Environmental management plans. Units are clustered to avoid repetition in assessment.

Assessment is planned as part of an Individual's Learning Plan and takes into account any RPL, and opportunities to apply knowledge and skills in the workplace, and the context in which you plan to use the AHC51610 qualification in the future, and your preferred learning style.

River Murray Training moderates and validates its assessment processes, tools and outcomes regularly with staff, other RTOs, employers, and learners.

Continuous improvement strategy

River Murray Training regularly seeks feedback from its learners and employers and gathers data from its RTO activities, national training system data, national e-learning participation data, and industry-based surveys. Data and feedback are reviewed at management meetings and opportunities for improvement recognised and acted upon. RMT clients can submit feedback to us anytime using our Stakeholder Feedback Form.

Code of Practice

River Murray Training makes a commitment to providing high quality training and has a record of excellent outcomes from its training programs. How we achieve this and our commitment to our clients is set out in our Code of Practice which is on our website at: <http://www.r-m-t.com.au/>.

Accreditation

Upon successful completion of this course students will be awarded the AHC51616 Diploma of Irrigation Management. This qualification is recognised nationally under the Australian Qualifications Framework (AQF Level 5). A statement of attainment is issued where there is partial completion only. Skill Sets are available for Irrigation Agronomist and Irrigation Manager roles. Refer to www.training.gov.au and search on AHC Skill Sets, or contact River Murray Training for assistance.

Subsidised training

If a business is expanding into a new area where irrigation skills are now needed, the business may be eligible for [Industry Skills Fund support](#).

Resources

River Murray Training has developed courseware specifically for the AHC51616 online delivery. Materials can be downloaded from RMT's Irrigation eLearning Center.

Program Qualification Rules

Total number of units = 11

6 core units plus 5 elective units. Two of the electives can be elective units aligned to Certificate IV or above in AHC10 or from any other currently endorsed Training Package or accredited course. Selected units must be relevant to job outcomes in the irrigation industry.

<i>Core units</i> <i>Nominal hours in blue</i>		<i>This unit of competency requires candidates to provide evidence that they can:</i>
AHCIRG402 80 hrs	Determine hydraulic parameters for an irrigation system	<ul style="list-style-type: none"> ○ Apply hydraulic principles to manual and computerised irrigation systems ○ Calculate pressures, flows, velocities and friction losses ○ Determine efficiency of the system with varying system components ○ Identify adverse environmental impacts of irrigation activities and appropriate remedial action ○ Read contour maps and interpret elevations and distances
AHCIRG501 100 hrs	Audit irrigation systems	<ul style="list-style-type: none"> ○ Analyse and organise data ○ Identify adverse environmental impacts of irrigation system activities and recommend appropriate remedial action ○ Recommend relevant work health and safety and environmental procedures ○ Solve performance problems and recommend solutions ○ Use computer software for irrigation auditing.
AHCIRG502 80 hrs	Design irrigation system maintenance and monitoring programs	<ul style="list-style-type: none"> ○ Analyse and organise information ○ Develop scheduling and recording procedures ○ Develop and include relevant work health and safety and environmental procedures ○ Identify adverse environmental impacts of irrigation, drainage and water treatment activities and take appropriate remedial action ○ Identify and schedule activities
AHCIRG503 120 hrs	Design irrigation, drainage and water treatment systems	<ul style="list-style-type: none"> ○ Collect and analyse information ○ Compare costings ○ Develop budgets ○ Develop system specifications ○ Document outcomes ○ Identify adverse environmental impacts of irrigation, drainage, water treatment and storage activities and take appropriate remedial action ○ Identify system design requirements
AHCIRG504 120 hrs	Develop an irrigation and drainage management plan	<ul style="list-style-type: none"> ○ Compile and analyse complex information ○ Develop and implement relevant work health and safety and environmental procedures ○ Develop plans and reports ○ Identify adverse environmental impacts of irrigation system

		<p>activities and recommend appropriate remedial action</p> <ul style="list-style-type: none"> ○ Interpret statistical data and measurements ○ Use a range of irrigation and information management software
AHCSOL501 120 hrs	Monitor and manage soils for production	<ul style="list-style-type: none"> ○ Identify particular soil properties that are relevant to the workplace and research for further enquiry ○ Apply information from soil testing to production and/or management plan ○ Develop and conduct soil improvement programs ○ Document the soil management plan or production plan ○ Interpret soil analytical data for the purposes of developing management or production plans ○ Review and analyse ongoing soil monitoring programs

Elective Units

Choose 5 units from the list of electives below and from electives in AHCv1.0 or any other current Training Packages, at Certificate IV or higher. NOTE: A maximum of 2 units only can be imported.

Information on Nominal Hours for each unit is available from River Murray Training.

For more detail on Unit requirements and contents go to www.training.gov.au;

Irrigation

AHCIRG505 Establish and maintain an irrigation-related environmental protection program

Merchandising and sales

BSBCUS501 Manage quality customer service
 SIRRINV001 Receive and handle retail stock
 SIRXCLM402 Manage store facilities
 SIRXMER004A Manage merchandise and store presentation
 SIRXRSK404 Control store security
 SIRXSLS406 Manage sales and service delivery

Business

AHCBUS501 Manage staff
 AHCBUS502 Market products and services
 AHCBUS503 Negotiate and monitor contracts
 AHCBUS504 Prepare estimates, quotes and tenders
 AHCBUS506 Develop and review a business plan
 AHCBUS507 Monitor and review business performance
 AHCBUS508 Prepare and monitor budgets and financial reports
 BSBFIM501 Manage budgets and financial plans
 BSBHRM506 Manage recruitment selection and induction processes
 BSBRES401 Analyse and present research information
 AHCWRK511 Develop workplace policy and procedures for sustainability
 TLIR4002 Source goods/services and evaluate contractors

Drainage

AHCDRG501 Design drainage systems

Work

AHCWRK502 Collect and manage data
 AHCWRK503 Prepare reports
 AHCWRK507 Implement professional practice
 AHCWRK509 Provide specialist advice to clients
 AHCWRK510 Audit site operations
 PSPPM502B Manage complex projects
 PSPPM503B Close complex projects

Work Health and Safety

AHCWHS501 Manage work health and safety processes

AHCSS00033 Irrigation Agronomist Skill Set

AHCIRG402 Determine hydraulic parameters for an irrigation system
 AHCIRG404 Implement an irrigation-related environmental protection program
 AHCIRG408 Schedule irrigations
 AHCIRG501 Audit irrigation systems
 AHCIRG504 Develop an irrigation and drainage management plan
 AHCSOL402 Develop a soil use map for a property
 AHCWRK509 Provide specialist advice to clients

Employability Skills

The following table contains a summary of employability skills for this qualification. Employability Skills are defined as "skills required not only to gain employment, but also to progress within an enterprise so as to achieve one's potential and contribute successfully to enterprise strategic directions". Employability skills are embedded in units of competency and assessed as part of the unit. The Employability Skills for this qualification are listed below.

Communication

- Reading and interpreting workplace related documentation
- Writing to audience needs
- Interpreting the needs of internal/external customers
- Applying numeracy skills to workplace requirements

Teamwork

- Working as an individual and a team member
- Working with diverse individuals and groups
- Applying knowledge of own role as a part of a team
- Applying teamwork skills to a range of situations
- Identifying and using the strengths of other team members

Problem-solving

- Developing practical and creative solutions to workplace problems
- Showing interdependence and initiative in identifying problems
- Solving problems individually or in teams
- Applying a range of strategies in problem solving
- Using numeracy skills to solve problems
- Testing assumptions and taking context into account

Initiative and enterprise

- Adapting to new situations
- Identifying opportunities that might not be obvious to others
- Generating a range of options in response to workplace matters
- Translating ideas into actions

Planning and organising

- Collecting analysing and organising information
- Using basic business systems for planning and organising
- Being appropriately resourceful
- Taking initiative and making decisions within workplace role
- Working within or establishing clear project goals and deliverables
- Determining or applying required resources

Self-management

- Allocating people and other resources to tasks and workplace requirements
- Managing time and priorities
- Adapting resource allocations to cope with contingencies

Learning

- Taking responsibility at the appropriate level

Technology

- Using technology and related workplace equipment
- Using basic technology skills
- Using technology to organise data
- Applying OHS knowledge when using technology
- Applying technology as a management tool

Registration of Interest

AHC51616 Diploma of Irrigation Management

Name:	_____		
Address	_____		
Phone	_____	Mobile	_____
		Email	_____

Details of other Training Qualifications completed

Study intentions

Study reasons

Employer support

Do you have internet access at work and at home? _____

If yes, what type of internet access do you have? _____

Other information:
