Walla Walla Community College...
...Your Best Choice

Water Resources Technology

The Industry

Water Resource Technicians are skilled in planning, developing and managing the stainability of natural habitats and natural resources. Technicians will have the skills necessary to analyze soil, plant, and water relationships as well as understand water relationships to environmental, economic, and sociological impacts on communities.

Career Opportunities

This is a highly technical hands-on career field:

- Water District Manager
- Conservation District Personnel
- Consultant
- Field Technician

Skills You'll Develop

- Land surveying and mapping
- Experience with field equipment
- Knowledge of state and federal procedures and policies
- Communication and public relations skills

WWCC's Degree Options

Associates in Applied Arts & Sciences Degree (AAAS) in Water Resources Technology: a two-year degree program that prepares students for work in the water and conservation industries.

For More Information

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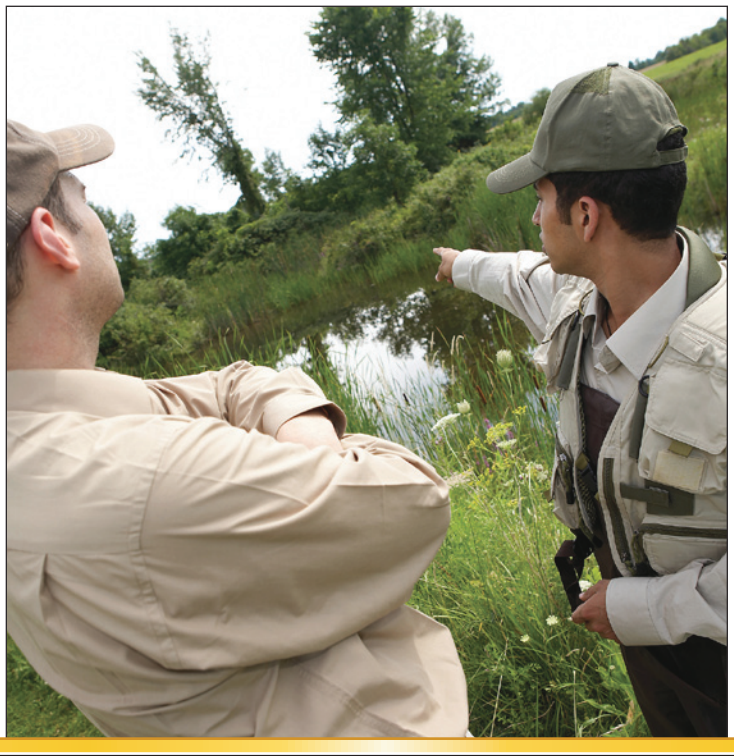

Associate in Applied Arts and Sciences Degree in Water Resources Technology

This schedule lists courses required for degree completion but the actual order and specific coursework may vary depending on student placement, start date, and quarter. Please check with your advisor prior to any substitutions.

The required related instruction is noted in bold print. The letter in the parenthesis indicated which category of related instruction is represented by the given course as follows:

(W)- Written Communications
(M)- Computation/Mathematics
(O)- Oral Communications
(J)- Job Seeking Skills
(R)- Human Relations
(L)- Leadership

Year One — Water Resources Technology Certificate

Fall Quarter	Credits
WMGT 112, Irrigation Principles	5
WMGT 135, Culture of Water[1]	3
WMGT 139, Watershed Management	3
WRITE 100, Applied Writing (W)	**3**
Quarter Total	**14**

Winter Quarter	Credits
CET 250, GIS I	3
ENGR& 111, Engineering Graphics I	4
WMGT 230, Water & Energy Conservation[2]	3
CLS 180, Workforce Leadership Development (L)	**2**
ELECTIVE[3]	3
Quarter Total	**15**

Spring Quarter	Credits
BIO 130, Modern Ecology	5
CET 160, Elementary Surveying	6
CET 251, GIS II	3
OCSUP 108, Applied Mathematics II (M)[4]	**5**
Quarter Total	**19**

Summer Quarter	Credits
WMGT 191, Cooperative Work Experience I	10
WMGT 192, Cooperative Seminar I (R)	**2**
Quarter Total	**12**

YEAR ONE TOTAL 60

Year Two — Water Resources Technology Degree

Fall Quarter	Credits
AGPR 113, Plant Science I	3
AGPR 201, Basic Soil Science	5
CET 223, Hydraulics	4
WMGT 204, Water Policy*	3
OCSUP 103, Job Seeking Skills (J)	**3**
Quarter Total	**18**

Winter Quarter	Credits
CET 166, Introduction to Hydrology	3
WMGT 220, Drip Irrigation**	3
WMGT 221, Pump Applications	3
WMGT 225, Irrigation Design	6
OCSUP 102, Oral Communications (O)	**3**
Quarter Total	**18**

YEAR TWO TOTAL 36

TOTAL CREDITS 96

The following courses meet the related instructional requirements of the program (one class per category required):
(O)- OCSUP 102, CMST& 220, CMST 102
(J)- OCSUP 103, PSYC 140, AGPR 100
(L)- CLS 180
(M)- OCSUP 108
(R)- BUS 157, OCSUP 101, PYCH&100, PSYC 111, WMGT 192
(W)- BUS 137, ENGLL& 097, ENGL& 101, WRITE 100

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[1] WMGT 135: Cultures of Water is offered even years and WMGT 204: Water Policy is offered odd years. Students completing the one-year certificate may use either course.
[2] WMGT 230, Water & Energy Conservation is offered even years and WMGT 220, Drip Irrigation is offered odd years. Students completing the one-year certificate may use either course.
[3] Electives include WMGT 110, Lawn & Turf Irrigation, or WMGT 143, Lawn & Turf Troubleshooting.
[4] Students are Required to complete OCSUP 108, Applied Mathematics II or equivalent. If a student placement test score does not place them into OCSUP 108; Applied Math II, the student will have to complete OCSUP 106; Applied Math I and/or OCSUP 107; Intro to Technical Math with an appropriate grade.

CIP:01.0197
EPC:130A

To access degree information on the web, refer to www.wwcc.edu/water and select "Degrees" from the left-hand column.

Walla Walla Community College does not discriminate on the basis of race, color, national origin, sex, disability or age in programs and activities. Document last updated 9/2010