



(Red Rocks Community College: Water Quality Management Technology) Postsecondary Plan of Study



	Pathway: Agriculture, Natural Resources, Skilled Trades and Technical Skills	Plan of Study: Water Quality Management Technology
<p>Career Goal (O*Net Code): (Click the code to access education, skills, and employment outlook information)</p> <p>50-8031.00 Water and Wastewater Treatment Plant and Systems Operator 17-2081.01 Water/Wastewater Engineers 11-3051.01 Quality Control System Managers 19-4099.01 Quality Control Analyst 11-9121.12 Water Resource Specialists 19-1031.01 Soil and Water Conservationists 13-1041.01 Environmental Compliance Inspectors</p> <p>* - High Demand Career</p>		<p>Relevant Occupational Experience (Your Life Experiences may be worth College Credit!):</p> <p>Contact Chelsea Campbell (chelsea.campbell@rrcc.edu) for inquiries concerning earning college credit for life experience in Water Quality Management Technology</p> <p>http://www.rrcc.edu/assessment/prior.html</p> <p>http://www.coworkforce.com/lmi/intro/JobSeek.asp</p>

Possible Pathways to your Career!

	Programs Available	Program Length (*Based on meeting Program Entrance Requirements)	Estimated Tuition (Approximately)	Career Options	Salary Range
Certificate Option(s)	Education & Experience Intro to Water Quality in Water Treatment Intro to Water Quality in Wastewater Treatment Mathematics in Water Quality Laboratory Analysis Distribution and Collection Training Water Treatment Wastewater	6 6 6 8 8 6 6 6	\$749.40 \$749.40 \$749.40 \$999.20 \$999.20 \$749.40 \$749.40 \$749.40	Operator, Water Treatment Plant Operator, Wastewater Operator, Waste Water Operator, Waste Water Treatment Plant Operator (WWTP Operator), Wastewater Treatment Plant Operator, Water Operator, Water Plant Operator, Process Operator, SCADA Operator (Supervisory Control and Data Acquisition Operator)	\$ - \$\$
Associate Degree(s)	Water Quality Management Technology	62 credits (4 semesters)	Approximately \$7,743.80	Operator, Water Treatment Plant Operator, Wastewater Operator, Waste Water Operator, Waste Water Treatment Plant Operator (WWTP Operator),	\$ - \$\$\$



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				Wastewater Treatment Plant Operator, Water Operator, Water Plant Operator, Process Operator, SCADA Operator (Supervisory Control and Data Acquisition Operator, Acting Section Chief, Assistant County Engineer, Director Water and Waste Services, Principal Technologist, Program Manager, Project Manager/Design Manager, Surface Water Manager, Water Reuse Program Manager	
Articulation Opportunities to Advanced Degrees:					
Advanced Degree(s)	Bachelor's Degree Regis: Management/Business emphasis (Interdisciplinary Degree) Environmental Science: Metro State University of Denver CSU Global	Associate Degree + 60+ credit hours	www.collegeincolorado.org	Hydrogeologist, National Stormwater Leader, Owner, Consulting Engineer, Owner, Professional Engineer, Research Hydraulic Engineer, Senior Group Manager, Senior Hydrogeologist, Senior Water Resources Engineer, VP-Senior Principal Water Resources Engineer, Water Resources Business Segment Leader, Acting Section Chief, Assistant County Engineer, Director Water and Waste Services, Engineer and Geologist, Principal Consulting Engineer, Principal Technologist, Program Manager, Project Manager/Design Manager, Surface Water Manager, Water Reuse Program Manager	\$ - \$\$\$
	College Tuition Comparison Guide				

* \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000



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Extended Learning Experiences

Support Structures:

Childcare facilities, Counseling Services, Tutoring Services, Academic Advising and Career Counseling, Veterans Assistance
<http://www.rrcc.edu/advising/>

Financial Aid:

Federal Student Loans, Pell Grant, RRCC Foundation Grant
<http://www.rrcc.edu/finaid/>

Professional Affiliations

Water for People, American Water Works Association, Water Environmental Foundation, "Get Into Water" and Colorado Rural Water Association

Practical Learning Experiences:

Biological and Chemical Wet Lab, Outdoor Distribution Lab, Mobile Lab, Internships, Public and Private Presentations, Field Experiences

Red Rocks Community College is accredited by the Higher Learning Commission and a member of the North Central Association of Colleges and Schools.

Red Rocks Community College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: Bill Dial,
Director of HR, Red Rocks Community College, 13300 W. 6th Ave., Lakewood, CO 80228

*** This document is a guide only. It does not act as a legally binding contract.