

Compliance Template

enter school/institution name: **Red Rocks Community College** enter program: **Water Quality Management Technology**

Program of Study

Career Cluster(s): Agriculture, Food, and Natural Resources **Career Pathway(s):** Natural Resource and Environmental Systems **Postsecondary/Secondary Partner(s):** Jefferson, Clear Creek, Gilpin, and Park school districts, Red Rocks CC, Metro State University of Denver, Regis University

Education Levels	Grade	Communication	Mathematics	Other Required Academic Courses (i.e. Science, Social Science)	Career and Technical Program Courses	Supplementary Course Recommendations (i.e. world language, entrepreneurship, etc)	Possibilities of careers relating to this Pathway
State Graduation Requirements: (URL to Page) www.cde.state.co.us/postsecondary/graduationguidelines							
MIDDLE	7	7 th English	7 th grade Math	Grade level courses			<ul style="list-style-type: none"> Water Operator Wastewater Operator Distribution Technician Laboratory Technician Sampling Technician Health and Safety Technician
	8	8 th English	8 th grade Math	Grade level courses			
High /Secondary	9	English I	Algebra I	State History or Civics, Biology			
	10	English II	Geometry	US History			
	11	English III	Algebra II	Chemistry			
	12	English IV	Trigonometry or other math	Physics or other lab course			
13 th year (ASCENT, P-TECH or other):							
High school courses in the pathway offered locally for college credit should be coded Concurrent Enrollment with CCNS Prefix and Number							
List related Industry Certifications/credentials approved and offered locally: Water Treatment, Wastewater Treatment, Industrial Treatment, Collections, or Distribution Class D or 1 Water Treatment, Wastewater Treatment, Industrial Treatment, Collections, or Distribution Class C or 2 Water Treatment, Wastewater Treatment, Collections, or Distribution Class B or 3 Water Treatment, Wastewater Treatment, Collections, or Distribution Class A or 4 Water Quality Management Technology must have a high school diploma or the equivalent of training & learning.					Additional Learning Opportunities: CTSO organization(s): <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> CCSA <input type="checkbox"/> HOSA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> TSA <input type="checkbox"/> SC ²		
					Work-based Learning: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input checked="" type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input checked="" type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship <input checked="" type="checkbox"/> Industry Certificate		
Postsecondary: CCPT Placement Assessment CLEP <weblink> Prior Learning Assessment (PLA) eligibility: <weblink> Acceleration Opportunities: AP: IB:					Other Graduation Requirements: <input type="checkbox"/> Capstone Project <input type="checkbox"/> Assessment (ACT, SAT, WorkKeys, ASVAB, Locally endorse, Other) <input type="checkbox"/> ICAP Quality Indicators <input type="checkbox"/> PWR Competencies		

		POSTSECONDARY PROGRAMS				
		Industry Certificate	Certificate	Associates Degree	Bachelor's Degree	Advanced Degree
POSTSECONDARY		Water Treatment, Wastewater Treatment, Industrial Treatment, Collections, or Distribution Class D or 1 Water Treatment, Wastewater Treatment, Industrial Treatment, Collections, or Distribution Class C or 2 Water Treatment, Wastewater Treatment, Collections, or Distribution Class B or 3 Water Treatment, Wastewater Treatment, Collections, or Distribution Class A or 4	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 Advanced Water Treatment Advanced Wastewater Treatment	Water Quality Management	Water Quality Management Technology	Graduate Degree: Environmental Science, Hydrology, Water and Wastewater Engineering
	Insert Program Requirements for Entry: <weblink> Gainful Employment Link:					
POSTSECONDARY COMMUNITY COLLEGE	Semester	CTE Sequence of Courses		General Education (Sequence of Courses)		
	Year 1 1 st Semester	WQM 100, WQM 105, BUS 21		ENG 121 Gen Ed		
	Year 1 2 nd Semester	WQM 200, WQM 126		MAT 107 Gen Ed		
	Year 2 1 st Semester	WQM 119, WQM 120, WQM Elective, WQM Elective,		GIS 101		
	Year 2 2 nd Semester	WQM 206, WQM 217, WQM 216, WQM Elective, WQM Elective				

Advanced
Degree(s)

University/College:
Degree or Major: Red Rocks Community College
Number of Articulated CC Credits: <insert link to Articulation Agreements>

Alignment to ICAP Process and outcome(if applicable):

Symbols/Codes: Legend: (this POS is coded for the following)

- | | |
|-------------------------|--------------------------------|
| + GT Pathway | o ICAP Quality Indicator Shown |
| * Hot career field | - PWR Competencies Shown |
| ^ Special Pops/ACE | @ AVID |
| ~ Concurrent Enrollment | / IB |
| x Badge | < AP |

Signatures:

Chelsea D. Campbell

____(Postsecondary)

____Secondary

____6/19/2017

____Date