RED ROCKS COMMUNITY COLLEGE

Arvada West High School
Concurrent Enrollment Courses

Course	Description	Credits
WQM 100 *Fall Enrollment*	**Introduction to Water Quality** **High School Instructor: Chris Madsen** Introduces the water and wastewater treatment field and acquaints the prospective technicians with the applied science concepts that are used to operate, maintain and monitor water quality. Topics include hydrological cycle, water sources, hydraulics, ecosystems, pollution, water chemistry, water calculations, microbiological aspects of water and water quality control. **Prerequisites: N/A** **Plans of Study:** This course is part of the Water Quality Management Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. http://www.rrcc.edu/catalogs/17-18/water-quality-management-aas-degree.htm	3
WQM 119 *Spring Enrollment*	**Basic Water Quality Analysis** **High School Instructor: Chris Madsen** Relates the results of laboratory control tests to the chemistry of water and wastewater treatment. Students will gain the skills and techniques to operate within a laboratory. Topics include laboratory equipment and instrumentation identification, written reports and laboratory tests. Laboratory testing includes hardness, alkalinity, dissolved oxygen, fluoride, jar testing, inorganic chemicals, pH and disinfectant residuals. **Prerequisites: N/A** **Plans of Study:** This course is part of the Water Quality Management Associate of Applied Science Degree at Red Rocks Community College and may transfer to other colleges. http://www.rrcc.edu/catalogs/17-18/water-quality-management-aas-degree.htm	4