

**Western Colorado Community College Curriculum Committee
Meeting Minutes
October 11, 2022**

WCCC Building B Room 142

Members Present: Joseph Quesenberry, Jason Roberson, Wayne Smith, Karrie Stanfill, Carolyn Ferreira-Lillo, Denise McKenney

Members Absent: Gunny White

Ex-Officio Members: Janel Davis, Morgan Bridge, Maggie Bodyfelt, Christi Hein, Tracie Seurer, Curt Martin, Carrie Moore

Recording Secretary: Aaron Osborne, Caitlin Cuevas

Chair Smith called the meeting to order at 3:41PM

I. Announcements

A. None

II. Ex-Officio Reports

A. Associate Vice President of Academic Affairs for Assessment and Accreditation

- i. AVPAA Bridge reminded the Committee that all course SLOs and topical course outlines need to be added into CIM. This will serve as a great repository for courses once all the information is in the system.

B. Registrar's Office

- i. Associate Registrar Bodyfelt reminded the Committee that course curriculum proposals need to be approved in the December meeting for courses to be available when Fall 2023 registration opens in the Spring.

C. Financial Aid Deputy Director Martin

- i. Nothing to report

D. Librarian Seurer

- i. Please let the Library know as soon as possible of any upcoming curriculum changes and of any needed WCCC library materials.

E. Catalog Description Reviewer Varner

- i. You can send your course descriptions ahead of starting workflow to streamline the approval process.

III. Curriculum Proposals

Summary of committee actions and additional details on curriculum proposals begins on page 3.

IV. Old Business

A. None

V. Information Items

A. Chair Smith gave an overview of the CIM system and the steps needed to add the SLOs/topical course outlines and make any needed changes to meeting minutes.

B. Next Meeting Nov. 8

VI. New Business

A. None

Chair Smith adjourned the meeting at 4:45.

Respectfully submitted by Aaron Osborne, October 12, 2022

Effective Term - Summer 2023			Programs
The following is a summary: Additional information can be found on the individual curriculum proposals.			
Title	Degree	Status	Motion Second
1133: Water Quality Management: Introduction to Wastewater Treatment	TCT	Program Deletion - 10/11/22	Stanfill Ferreira-Lilo
<p>WCCC CC Discussion: Lack of interest and low enrollment because Colorado requires state licensure rather than a degree. Students interested can pursue a minor in Watershed Science if it aligns with their personal goals. No other discussion.</p> <p>Describe discussions about this proposal within the department and any other affected departments. Note the outcomes of these discussions.</p> <p>Rationale for deletion</p>			
<p>Fall 2019 - Faculty recognized that lack of interest and low enrollment meant that all Water Quality Management Technical Certificates and the Associate of Applied Science Degree and related courses were no longer viable. Lack of viability is primarily related to the fact that Colorado requires state licensure rather than a degree to work in the fields of water quality management and wastewater treatment. For example, the CCWP Operators in responsible charge must hold a current certificate in the same category and at the same or high level as the system/facility. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management courses and programs and instead navigate students to the needed industry licensures.</p> <p>We have deleted the program due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.</p>			
1135: Water Quality Management: Small Systems	TCT	Program Deletion - 10/11/22	Stanfill Ferreira-Lilo
<p>WCCC CC Discussion: Lack of interest and low enrollment because Colorado requires state licensure rather than a degree. Students interested can pursue a minor in Watershed Science if it aligns with their personal goals. No other discussion.</p> <p>Describe discussions about this proposal within the department and any other affected departments. Note the outcomes of these discussions.</p>			
<p>Fall 2019 - Faculty recognized that lack of interest and low enrollment meant that all Water Quality Management Technical Certificates and the Associate of Applied Science Degree and related courses were no longer viable. Lack of viability is primarily related to the fact that Colorado requires state licensure rather than a degree to work in the fields of water quality management and wastewater treatment. For example, the CCWP Operators in responsible charge must hold a current certificate in the same category and at the same or high level as the system/facility. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management courses and programs and instead navigate students to the needed industry licensures.</p>			

Rationale for deletion We have deleted the program due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.

1136: Water Quality Management: Wastewater Collection and Treatment **TCT** **Program Deletion - 10/11/22** **Stanfill | Ferreira-Lilo**

WCCC CC Discussion: Lack of interest and low enrollment because Colorado requires state licensure rather than a degree. Students interested can pursue a minor in Watershed Science if it aligns with their personal goals. No other discussion.

Describe discussions about this proposal within the department and any other affected departments. Note the outcomes of these discussions.

Fall 2019 - Faculty recognized that lack of interest and low enrollment meant that all Water Quality Management Technical Certificates and the Associate of Applied Science Degree and related courses were no longer viable. Lack of viability is primarily related to the fact that Colorado requires state licensure rather than a degree to work in the fields of water quality management and wastewater treatment. For example, the CCWP Operators in responsible charge must hold a current certificate in the same category and at the same or high level as the system/facility. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management courses and programs and instead navigate students to the needed industry licensures.

Rationale for deletion We have deleted the program due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.

1137: Water Quality Management: Water Distribution and Collection **TCT** **Program Deletion - 10/11/22** **Stanfill | Ferreira-Lilo**

WCCC CC Discussion: Lack of interest and low enrollment because Colorado requires state licensure rather than a degree. Students interested can pursue a minor in Watershed Science if it aligns with their personal goals. No other discussion.

Describe discussions about this proposal within the department and any other affected departments. Note the outcomes of these discussions.

Fall 2019 - Faculty recognized that lack of interest and low enrollment meant that all Water Quality Management Technical Certificates and the Associate of Applied Science Degree and related courses were no longer viable. Lack of viability is primarily related to the fact that Colorado requires state licensure rather than a degree to work in the fields of water quality management and wastewater treatment. For example, the CCWP Operators in responsible charge must hold a current certificate in the same category and at the same or high level as the system/facility. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management

Rationale for deletion

courses and programs and instead navigate students to the needed industry licensures.

We have deleted the program due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.

1365: Water Quality Management	AAS	Program Deletion - 10/11/22	Stanfill Ferreira-Lilo
WCCC CC Discussion: Lack of interest and low enrollment because Colorado requires state licensure rather than a degree. Students interested can pursue a minor in Watershed Science if it aligns with their personal goals. No other discussion.			

Describe discussions about this proposal within the department and any other affected departments. Note the outcomes of these discussions.

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Rationale for deletion

We have deleted the program due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.

1134: Water Quality Management: Mathematics in Water Quality	TCT	Program Deletion - 10/11/22	Stanfill Ferreira-Lilo
WCCC CC Discussion: Lack of interest and low enrollment because Colorado requires state licensure rather than a degree. Students interested can pursue a minor in Watershed Science if it aligns with their personal goals. No other discussion.			

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courses and programs and instead navigate students to the needed industry licensures.

Rationale for deletion

We have deleted the program due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.

1138: Water Quality Management: Water Distribution and Treatment

TCT Program Deletion - 10/11/22

Stanfill | Ferreira-Lilo

WCCC CC Discussion: Lack of interest and low enrollment because Colorado requires state licensure rather than a degree. Students interested can pursue a minor in Watershed Science if it aligns with their personal goals. No other discussion.

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We have deleted the program due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.

Effective Term - Summer 2023			Courses
The following is a summary: Additional information can be found on the individual curriculum proposals.			
Title	Credits	Status	Motion Second
WQMS 116: Conventional Surface Water Treatment WCCC CC Discussion: Program/courses deleted due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree. Describe discussions about this proposal within the department and any other affected departments. Note the outcomes of these discussions. Justification for this inactivation request	3	Course Inactivation - 10/11/22 Fall 2019 - Faculty recognized that lack of interest and low enrollment meant that Water Quality Management Technical Certificates and the Associate of Applied Science Degree and related courses were no longer viable. Lack of viability is primarily related to the fact that Colorado requires state licensure rather than a degree to work in the fields of water quality management and wastewater treatment. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management programs and thus the Water Quality courses are no longer needed. We have deleted all Water Quality Management programs due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. For example, the CCWP Operators in responsible charge must hold a current certificate in the same category and at the same or high level as the system/facility. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management courses and programs and instead navigate students to the needed industry licensures. Without the programs WQMS courses are no longer needed. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.	Ferreira-Lilo Roberson
WQMS 195: Independent Study WCCC CC Discussion: Program/courses deleted due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree. Describe discussions about this proposal within the department and any other affected departments. Note the outcomes of these discussions. Justification for this inactivation request	1-3	Course Inactivation - 10/11/22 Fall 2019 - Faculty recognized that lack of interest and low enrollment meant that Water Quality Management Technical Certificates and the Associate of Applied Science Degree and related courses were no longer viable. Lack of viability is primarily related to the fact that Colorado requires state licensure rather than a degree to work in the fields of water quality management and wastewater treatment. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management programs and thus the Water Quality courses are no longer needed. We have deleted all Water Quality Management programs due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. For example, the CCWP Operators in responsible charge must hold a current certificate in the same category and at the same or high level as the system/facility. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management	Ferreira-Lilo Roberson

courses and programs and instead navigate students to the needed industry licensures. Without the programs WQMS courses are no longer needed. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.

WQMS 200: Hydraulics for Water Quality Management	4	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
<p>WCCC CC Discussion: Program/courses deleted due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.</p>			
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WQMS 100: Introduction to Water Quality	3	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
<p>WCCC CC Discussion: Program/courses deleted due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.</p>			
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WQMS 105: Specific Calculations for Water Quality Management	4	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
<p>WCCC CC Discussion: Program/courses deleted due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.</p> <p>Describe discussions about this proposal within the department and any other affected departments. Note the outcomes of these discussions.</p>		<p>Fall 2019 - Faculty recognized that lack of interest and low enrollment meant that Water Quality Management Technical Certificates and the Associate of Applied Science Degree and related courses were no longer viable. Lack of viability is primarily related to the fact that Colorado requires state licensure rather than a degree to work in the fields of water quality management and wastewater treatment. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management programs and thus the Water Quality courses are no longer needed.</p>	
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WQMS 106: Mechanical/Physical Treatment	3	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
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WQMS 109: Water Distribution	3	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
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WQMS 118: Wastewater Collection Systems	3	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
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WQMS 119: Basic Water Quality Analysis	4	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
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WQMS 125: Wastewater Certification Review for Class C D	3	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
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WQMS 126: Safety and Security Systems	3	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
WCCC CC Discussion: Program/courses deleted due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.			
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WQMS 127: Water Quality Utility Management	3	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
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WQMS 150: Troubleshooting in Water Quality	3	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
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WQMS 202: Small Water Systems Operation and Maintenance	3	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
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WQMS 203: Water Quality Small Wastewater Systems	3	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
<p>WCCC CC Discussion: Program/courses deleted due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.</p>			
<p>Describe discussions about this proposal within the department and any other affected departments. Note the outcomes of these discussions.</p>	<p>Fall 2019 - Faculty recognized that lack of interest and low enrollment meant that Water Quality Management Technical Certificates and the Associate of Applied Science Degree and related courses were no longer viable. Lack of viability is primarily related to the fact that Colorado requires state licensure rather than a degree to work in the fields of water quality management and wastewater treatment. The decision was made by faculty, in consultation with administration, to</p>		

Justification for this inactivation request

stop offering all Water Quality Management programs and thus the Water Quality courses are no longer needed. We have deleted all Water Quality Management programs due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. For example, the CCWP Operators in responsible charge must hold a current certificate in the same category and at the same or high level as the system/facility. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management courses and programs and instead navigate students to the needed industry licensures. Without the programs WQMS courses are no longer needed. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.

WQMS 212: Drinking Water Regulations	4	Course Inactivation - 10/11/22	Ferreira-Lilo Roberson
<p>WCCC CC Discussion: Program/courses deleted due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.</p> <p>Describe discussions about this proposal within the department and any other affected departments. Note the outcomes of these discussions.</p>		<p>Fall 2019 - Faculty recognized that lack of interest and low enrollment meant that Water Quality Management Technical Certificates and the Associate of Applied Science Degree and related courses were no longer viable. Lack of viability is primarily related to the fact that Colorado requires state licensure rather than a degree to work in the fields of water quality management and wastewater treatment. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management programs and thus the Water Quality courses are no longer needed.</p>	
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**WQMS 216: Biological and
Bacteriological Water
Quality Analyses**

**4 Course Inactivation -
10/11/22**

Ferreira-Lilo | Roberson

WCCC CC Discussion: Program/courses deleted due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.

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We have deleted all Water Quality Management programs due to low enrollment related to the fact that a degree is not required for state licensure in Water and Wastewater or Collection and Distribution. For example, the CCWP Operators in responsible charge must hold a current certificate in the same category and at the same or high level as the system/facility. The decision was made by faculty, in consultation with administration, to stop offering all Water Quality Management courses and programs and instead navigate students to the needed industry licensures. Without the programs WQMS courses are no longer needed. Those interested in Water Quality Management can sit for the state exams and be licensed without a degree.