

February 16, 2022 Curriculum Committee Actions

Item D. from BoardDocs Agenda

The following curriculum changes, pending appropriate approvals, will be effective Fall 2022:

D.1. ACTION: Credit Program Changes - effective fall 2022						
Program Title	Disci.	Award	Units	Justification	Orig.	
A. Wastewater Technology Education	WWT	AS/CA	30	This change is to allow students to complete an AS or CA in Wastewater Technology, after merging all WWT and WTE classes into the WTE designation. There will be one program, WTE, with multiple degrees in Water Technology and Wastewater Technology. Many updates; changed all WWT courses to WTE courses and updated numbers accordingly.	Jacob Shiba	
B. Water Technology Education	WTE	AS/CA	30	This is a program change with the intentions of merging the existing Water Technology Education program and Wastewater Technology Education program into a single designation, Water Technology Education. There will still be two distinct degrees awarded in Water Technology and Wastewater Technology. Classes will also be elevated to the transferrable level, while adding two new electives. Many updates; reflected the new numbering of WTE courses.	Jacob Shiba	

D.2. ACTION: New Credit Courses - effective fall 2022										
Subj	Nmbr	Title	Impacts (Hours, Units, Titles)	Trns f.	Dist. Ed.	Grade Basis	Open Entry/Exit	Justification	Reqs.	Originator
A. AJ	88B	Basic Police Academy Module IB		No	No	G	No	Same police academy curriculum, just delivered in a better format for students, college, and local police agencies.	Prerequisite: Admission to the Police Academy; Prior completion of Police Academy Module II Prerequisite/Concurrent:) AJ 88A	Ed Sprague

D.3. ACTION: Credit Course Changes - effective fall 2022										
Subj	Nmbr	Title	Impacts (Hours, Units, Titles)	Trns f.	Dist. Ed.	Grade Basis	Open Entry/Exit	Justification	Reqs.	Originator
A. WTE	149	Calculations in Water/Wastewater Technology	Changed from WTE 50 to WTE 149		Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed from WTE 50 to WTE 149, CB05, CB08, CB25, CB26, and work-based learning. Other minor updates.	No	Jacob Shiba

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B.	WTE	152	Water Distribution Systems	Changed from WTE 52 to WTE 152, added WTE 149 completion/concurrent enroll., removed WTE 50 prereq.	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed from WTE 52 to WTE 152, updated description, CB05, CB25, SG21, work-based learning, added WTE 149 completion/concurrent requisite, removed WTE 50 prerequisite. Other minor updates.	Prerequisite: WTE 50 <u>Prerequisite: (Completion of, or concurrent enrollment in): WTE 149</u>	Jacob Shiba
C.	WTE	153	Basic Plant Operations: Wastewater Treatment	Changed from WWT 52 to WTE 153, added WTE 149 completion/concurrent enroll., removed WTE 50 prereq.	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed from WWT 52 to WTE 153, updated description, CB26, SG21, work-based learning, added WTE 149 completion/concurrent requisite, removed WWT 50 prerequisite. Other minor updates.	Prerequisite: WWT 50 <u>Prerequisite: (Completion of, or concurrent enrollment in): WTE 149</u>	Jacob Shiba
D.	WTE	154	Basic Plant Operations: Water Treatment	Changed from WTE 54 to WTE 154, added WTE 149 completion/concurrent enroll., removed WTE 50 prereq.	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed from WTE 54 to WTE 154, updated description, CB05, CB25, CB26, SG21, work-based learning, added WTE 149 completion/concurrent requisite, removed WTE 50 prerequisite. Other minor updates.	Prerequisite: WTE 50 <u>Prerequisite: (Completion of, or concurrent enrollment in): WTE 149</u>	Jacob Shiba

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E.	WTE	155	Wastewater Collection Systems	Changed from WWT 54 to WTE 155, added WTE 149 completion concurrent enroll. removed WTE 50 prerequisite.	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed from WWT 54 to WTE 155, CB05, CB25, CB26, SG21, work-based learning, added WTE 149 completion/concurrent prerequisite, removed WWT 50 prerequisite. Other minor updates.	Prerequisite: WWT 50 <u>Prerequisite: (Completion of, or concurrent enrollment in): WTE 149</u>	Jacob Shiba
F.	WTE	156	Intro to Electrical and Instrumentation Processes	Changed from WWT 56 to WTE 156, added WTE 149 completion concurrent enroll, removed WTE 50 prerequisite.	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed number WWT 56 to WTE 156, updated CB05, CB25, CB26, SG21, work-based learning, added WTE 149 completion/concurrent prerequisite, removed WWT 50 prerequisite. Other minor updates.	Prerequisite: WWT 50 <u>Prerequisite: (Completion of, or concurrent enrollment in): WTE 149</u>	Jacob Shiba
G.	WTE	158	Backflow Tester Training	Changed WTE 58 to WTE 158	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed WTE 58 to WTE 158, updated description, CB05, CB25, CB26, work-based learning, repeatability, other minor updates.	No	Jacob Shiba
H.	WTE	160	Public Works Management	Changed WWT 60 to WTE 160	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed WWT 60 to WTE 160, CB05, CB25, CB26, SG21, work-based learning. Other minor updates.	No	Jacob Shiba

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I.	WTE	162	Cross Connection Specialist	Changed from WTE 62 to WTE 162	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed from WTE 62 to WTE 162, CB05, CB25, CB26, SG21, work-based learning. Other minor updates.	No	Jacob Shiba
J.	WTE	164	Laboratory Analysis for Water/Wastewater	Changed WTE 64 to WTE 164, removed WTE 50, added recomb. prep WTE 154, removed WTE 50 recomb. Changed WTE 66 to WTE 166, Added WTE 149 completion/concurrent or WTE 152 recomb. prep option, removed WTE 50	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed from WTE 64 to WTE 164, CB05, CB25, CB26, SG21, work-based learning. Added WTE 154 recommended prep., removed WTE 50 recommended prep. Other minor updates.	Recommended Preparation: WTE 50 <u>Recommended</u> <u>Preparation: WTE 154</u>	Jacob Shiba
K.	WTE	166	Motors, Pumps, and Hydraulics	Changed WTE 66 to WTE 166, Added WTE 149 completion/concurrent or WTE 152 recomb. prep option, removed WTE 50	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed from WTE 66 to WTE 166, CB05, CB25, CB26, XB09, SG21, work-based learning. Added WTE 149 completion/concurrent or WTE 152 recomb. prep option, removed WTE 50 prerequisite. Other minor updates.	Prerequisite: WTE 50 <u>Prerequisite:</u> <u>(Completion of, or</u> <u>concurrent enrollment</u> <u>in): WTE 149 or</u> <u>Recommended</u> <u>Preparation: WTE 152</u>	Jacob Shiba
L.	WTE	197	Water Technology Education Topics	Changed from WTE 97 to WTE 197	Yes	G/P/NP	No	Subject matter for topics classes will vary from year to year and will be chosen based on relevant and timely information related to the water industry. Regardless of topic, classes will consist of a high level of cognitive, affective, and psychomotor outcomes. Students will learn through lectures, readings, research, report writing, and presenting. Changed from WTE 97 to WTE 197, CB05, CB25, CB26, SG21, work-based learning. Other minor updates.	No	Jacob Shiba

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M.	WTE	263	Advanced Plant Operations: Wastewater Treatment	Changed from WWT 64 to WTE 263, added WTE 153 prerequisite	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed from WWT 64 to WTE 263, CB05, CB25, CB26, SG21, work-based learning, added WTE 153 prerequisite. Other minor changes.	<u>Prerequisite: WTE 153</u> Jacob Shiba
N.	WTE	272	Water Distribution II	Changed WTE 72 to WTE 272, changed WTE 52 prerequisite to WTE 152 prerequisite	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed WTE 72 to WTE 272, CB05, CB25, CB26, SG21, work-based learning, changed WTE 52 prerequisite to WTE 152 prerequisite.	Prerequisite: WTE 52 <u>Prerequisite: WTE 152</u> Jacob Shiba
O.	WTE	274	Advanced Plant Operations: Water Treatment and Reclamation	Changed WTE 74 to WTE 274, changed WTE 54 prerequisite to WTE 154 prerequisite	Yes	G/P/NP	No	This course, along with all current courses in Water Technology, are currently non-transferrable. Many of our students are seeking higher degrees and our current non-transferrable courses will limit students already in the program and deter prospective students from entering the program. The concepts and calculations in this course require a high level of understanding, application, analysis and evaluation. Changed WTE 74 to WTE 274, CB05, CB25, CB26, SG21, work-based learning, changed WTE 54 prerequisite to WTE 154 prerequisite.	Prerequisite: WTE 54 or <u>WTE 154</u> Jacob Shiba

D.4. ACTION: Requisites - effective fall 2022
The establishment of the following advisories meets Title 5 Regulation 55003, effective fall 2022

Course Number	Course Title	
A.	AJ 85	Police Academy Preparation Prerequisite: Admission to the Police Academy; Prior completion of Police Academy Module II Prerequisite/Concurrent:): AJ 88A
B.	WTE 152	Water Distribution Systems Prerequisite: WTE 50 Prerequisite: (Completion of, or concurrent enrollment in): WTE 149
C.	WTE 153	Basic Plant Operations: Wastewater Treatment Prerequisite: WWT 50 Prerequisite: (Completion of, or concurrent enrollment in): WTE 149
D.	WTE 154	Basic Plant Operations: Water Treatment Prerequisite: WTE 50 Prerequisite: (Completion of, or concurrent enrollment in): WTE 149
E.	WTE 155	Wastewater Collection Systems Prerequisite: WWT 50 Prerequisite: (Completion of, or concurrent enrollment in): WTE 149
F.	WTE 156	Intro to Electrical and Instrumentation Processes Prerequisite: WWT 50 Prerequisite: (Completion of, or concurrent enrollment in): WTE 149
G.	WTE 164	Laboratory Analysis for Water/Wastewater Recommended Preparation: WTE 50- Recommended Preparation: WTE 154
H.	WTE 166	Motors, Pumps, and Hydraulics Prerequisite: WTE 50 Prerequisite: (Completion of, or concurrent enrollment in): WTE 149 or Recommended Preparation: WTE 152
I.	WTE 263	Advanced Plant Operations: Wastewater Treatment <u>Prerequisite: WTE 153</u>
J.	WTE 272	Water Distribution II <u>Prerequisite: WTE 52 Prerequisite: WTE 152</u>
K.	WTE 274	Advanced Plant Operations: Water Treatment and <u>Prerequisite: WTE 54 or WTE 154</u>

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D.5. ACTION: Distance Education - effective fall 2022
The following courses may be offered as distance learning and meet Title 5 Regulation 55200-55210, effective fall 2022

Course Number	Course Title
A. WTE 149	Calculations in Water/Wastewater Technology
B. WTE 152	Water Distribution Systems
C. WTE 153	Basic Plant Operations: Wastewater Treatment
D. WTE 154	Basic Plant Operations: Water Treatment
E. WTE 155	Wastewater Collection Systems
F. WTE 156	Intro to Electrical and Instrumentation Processes
G. WTE 158	Backflow Tester Training
H. WTE 160	Public Works Management
I. WTE 162	Cross Connection Specialist
J. WTE 164	Laboratory Analysis for Water/Wastewater
K. WTE 166	Motors, Pumps, and Hydraulics
L. WTE 197	Water Technology Education Topics
M. WTE 263	Advanced Plant Operations: Wastewater Treatment
N. WTE 272	Water Distribution II
O. WTE 274	Advanced Plant Operations: Water Treatment and Reclamation

Item E. from BoardDocs Agenda

The following curriculum changes, pending appropriate approvals, will be effective Spring 2022:

E.1. ACTION: Distance Education and Course Reviews
The following courses have completed the course review approval process. Those eligible to be taught Distance Education meet Title 5 Regulations 5200-5521 and are indicated below. Since these updates have no impact on catalog or college data, they are effective spring 2022.

Subj	Nmbr	Title	Dist.	Originator
A. ACS 101	Intercollegiate Softball	Yes	Lacey Craft	
B. ACS 110A	Intercollegiate Basketball	Yes	Lacey Craft	
C. ACS 125	Intercollegiate Soccer	Yes	Lacey Craft	
D. ACS 130	Intercollegiate Volleyball	Yes	Lacey Craft	
E. ACS 135	Intercollegiate Swimming and Diving	Yes	Lacey Craft	
F. ACS 140	Intercollegiate Water Polo	Yes	Lacey Craft	
G. ACS 145	Intercollegiate Football	Yes	Lacey Craft	
H. ACS 150	Intercollegiate Wrestling	Yes	Lacey Craft	
I. ACS 155	Intercollegiate Baseball	Yes	Lacey Craft	
J. ACS 165	Intercollegiate Track and Field	Yes	Lacey Craft	
K. ACS 180	Intercollegiate Sand Volleyball	Yes	Lacey Craft	
L. AIS 140	The Original Californians	Yes	Patricia A. Dixon	
M. AIS 150	American Indian Philosophy and Religion	Yes	Patricia A. Dixon	
N. AMS 100	American Culture and Identity	Yes	Seth SanJuan	
O. AMS 105	American West: Images and Identities	Yes	Seth SanJuan	
P. ANTH 220	Advanced Archaeological Surveying	Yes	James D. Eighmey	
Q. AODS 298L	Directed Field Experience I	Yes	James Fent	
R. BUS 155	Marketing	Yes	Mary Cassoni	
s. CFT 133A	Guitar Technician I/Set-Up	Yes	Jennifer Anderson	
T. CFT 133B	Guitar Technician II/Major Repair	Yes	Jennifer Anderson	

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U.	CFT	159B	Chair and Tables/Prototype Construction II					Yes	Jennifer Anderson
V.	COUN	148	Managing Stress and Well-Being					Yes	ThomasV. Ventimiglia
W.	DBA	130	Radio Production					Yes	Wendy Nelson
X.	DNCE	147	Repertory					Yes	Margaret M. Faulkner
Y.	EME	210	Hospital Clinical Experience					Yes	Sarah DeSimone
Z.	ENG	202	Critical Thinking and Composition					Yes	Leanne M. Maunu
AA.	HE	100L	Health Performance Lab					Yes	Lacey Craft
BB.	KINE	105	Cardio Conditioning Applications					Yes	Lacey Craft
CC.	KINE	128A	Wellness Modalities- Cardio					Yes	Lacey Craft
DD.	KINE	128B	Wellness Modalities-Muscular					Yes	Lacey Craft
EE.	KINE	128C	Wellness Modalities- Functional					Yes	Lacey Craft
FF.	KINE	135A	Beginning Swimming					Yes	Lacey Craft
GG.	KINE	135B	Intermediate Swimming					Yes	Lacey Craft
HH.	KINE	135C	Advanced Swimming					Yes	Lacey Craft
II.	KINE	150A	Beginning Weight Training					Yes	Lacey Craft
JJ.	KINE	150B	Intermediate Weight Training- Strength Training for Total Fitness					Yes	Lacey Craft
KK.	KINE	150C	Advanced Weight Training- Power Lifting and Plyometrics Training					Yes	Lacey Craft
LL.	MATH	100	Exploring Mathematics					Yes	John Harland
MM.	MUS	159	Musical Theatre Orchestra					Yes	Ellen Weller
NN.	PHOT	209	Photographic Portfolio					Yes	Amy Caterina
OO.	READ	197	Reading Topics					Yes	Katy Farrell

Item F. from BoardDocs Agenda

F.1. ACTION: Credit Course Technical Corrections - Retract the following credit course deactivations. The courses will remain active.										
Subj	Nmbr	Title	Impacts	Trns f.	Dist. Ed.	Grade Basis	Open Entry/ Open Exit	Justification	Reqs.	Originator
A.	AP SC	701	Introduction to the Sound and Communication Trade	No		G/P/NP	No	Course to remain active		Jason Jarvinen
B.	AP SC	702	Electrical Theory and Practices DC	No	Yes	G/P/NP	No	Course to remain active		Jason Jarvinen
C.	AP SC	703	Electrical Theory and Practices AC	No	Yes	G/P/NP	No	Course to remain active		Jason Jarvinen
D.	AP SC	704	Semiconductor Electronics	No	Yes	G/P/NP	No	Course to remain active		Jason Jarvinen
E.	AP SC	705	Introduction to Digital Electronics and Signaling Devic	No	Yes	G/P/NP	No	Course to remain active		Jason Jarvinen
F.	AP SC	706	Management/Alarms/Codes/Circuits	No	Yes	G/P/NP	No	Course to remain active		Jason Jarvinen