



Academic Map: Water/Wastewater Treatment: Wastewater Treatment (CA)

Certificate of Achievement (C.A.) | 31 Total Credits | CSN Degree Code: WWTWAS-CT | Catalog Year: 2022-2023 |

Industry, Manufacturing, Construction & Transportation Advanced and Applied Technologies Department of Applied Technologies

Jobs and Employment Information: <https://www.csn.edu/imctarea>

DESCRIPTION: This program prepares students for a career in water and/or wastewater treatment maintenance. Students learn to maintain and operate the machinery used in facilities for the treatment of water supplies in urban areas and/or for wastewater treatment that is released back into the environment.

TERM 1 – TOTAL CREDIT HOURS: 12

MATH 116 Technical Mathematics
COM 115 Applied Communication
WWT 101B Waste Water Treatment I
WWT 120B Pump Oper and Maintenance

Credits	Pre-Requisite/Co-Requisite
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3	None
3	None
3	None
3	None

Area	Min Grade	Milestones and Notes
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GE Math	C	
GE Com	C	
Special Prog Req	C	
Special Prog Req	C	Mandatory Advising Required

TERM 2 – TOTAL CREDIT HOURS: 6 - 9

WWT 102B Wastewater Treatment II
WWT 115B Water/Wastewater Mathematics
IS 100B or IS 101 ¹

Credits	Pre-Requisite/Co-Requisite
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3	WWT 101B
3	MATH 116 and WWT 101B or WWT 105B
0-3	None

Area	Min Grade	Milestones and Notes
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Special Prog Req	C	
Special Prog Req	C	
Digital Literacy	C	Mandatory Advising Required

TERM 3 – TOTAL CREDIT HOURS: 10

WWT 201B Wastewater Treatment III
WWT 215B Water/Wastewater Math II
WWT 220B Water Quality Analysis

Credits	Pre-Requisite/Co-Requisite
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3	WWT 102B
3	WWT 115B
4	WWT 101B or WWT 105B and WWT 115B

Area	Min Grade	Milestones and Notes
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Special Prog Req	C	
Special Prog Req	C	
Special Prog Req	C	Mandatory Advising Required

TERM 4 – TOTAL CREDIT HOURS: 3

WWT 225B Wastewater Collection System

Credits	Pre-Requisite/Co-Requisite
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3	WWT 215B
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Area	Min Grade	Milestones and Notes
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Special Prog Req	C	Apply for Graduation
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¹Students who require IS 101 will complete a total 34 credits for this certificate.