



# Academic Map: Water/Wastewater Treatment: Water Treatment (AAS)

Associate of Applied Science (A.A.S) | 60 Total Credits | CSN Degree Code: WWTWAT-AAS | 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 machinery and equipment 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: 15-17**

	<b>Credits</b>	<b>Pre-Requisite/Co-Requisite</b>	<b>Area</b>	<b>Min Grade</b>	<b>Milestones and Notes</b>
MATH 116 or above (except MATH122/123)	3	None	GE Math	C	
ENG 100 or 101 or 107 or 113	3-5	ENG Place Score; or C or up in ENG 98 or ESL 139	GE ENG	C	
WWT 110B Intro to Haz Materials Mgmt	3	None	Special Prog Req	C	
WWT 120B Pump Oper and Maintenance	3	None	Special Prog Req	C	
WWT 105B Water Treatment Operations I	3	None	Special Prog Req	C	Mandatory Advising Required

## **TERM 2 – TOTAL CREDIT HOURS: 15-18**

	<b>Credits</b>	<b>Pre-Requisite/Co-Requisite</b>	<b>Area</b>	<b>Min Grade</b>	<b>Milestones and Notes</b>
ALS 101 or MGT 100B	3	None	GE Hum Rel	C	
WWT 103B Environmental Laws and Regs	3	None	Special Prog Req	C	
WWT 106B Water Treatment Operations II	3	WWT 105B	Special Prog Req	C	
WWT 115B Water/Wastewater Mathematics	3	MATH 116 and WWT 101B or WWT 105B	Special Prog Req	C	
WWT 210B Industrial Pretreatment Insp	3	None	Special Prog Req	C	
IS 100B or IS 101 <sup>1</sup>	0-3	None	Digital Literacy	C	Mandatory Advising Required

## **TERM 3 – TOTAL CREDIT HOURS: 14**

	<b>Credits</b>	<b>Pre-Requisite/Co-Requisite</b>	<b>Area</b>	<b>Min Grade</b>	<b>Milestones and Notes</b>
COM 115 Applied Communication	3	None	GE Com	C	
WWT 215B Water/Wastewater Math II	3	WWT 115B	Special Prog Req	C	
WWT 220B Water Quality Analysis	4	WWT 101B or WWT 105B and WWT 115B	Special Prog Req	C	
PSC 101 or HIST 100	4	None	GE US/NV Cons	C	Mandatory Advising Required

## **TERM 4 – TOTAL CREDIT HOURS: 16**

	<b>Credits</b>	<b>Pre-Requisite/Co-Requisite</b>	<b>Area</b>	<b>Min Grade</b>	<b>Milestones and Notes</b>
FA/HUM/SS Elect – See and advisor/counselor	3	None	GE FA/Hum/SS	C	
EGG 131 or ENV 101	3	Depends on course chosen	GE Nat Science	C	
AIT 205B Industry Customer Service	1	None	Special Prog Req	P/F	
WWT 205B Water Distribution	3	None	Special Prog Req	C	
WWT 225B Wastewater Collection System	3	WWT 215B	Special Prog Req	C	
WWT 230B Current Issues	3	COM 115	Special Prog Req	C	Apply for Graduation

<sup>1</sup>Students who complete IS 101 will complete a total of 63 credits for this degree.