



# Water & Wastewater Management

## PROGRAM DESCRIPTION

### Water & Wastewater Management Program

The Water & Wastewater Management Program will prepare students to become Water and Wastewater Operators while also providing online continuing educational opportunities for current operators. Students in the program will:

- Calculate water/wastewater flow rates, storage, detention times, volumes, hydraulics, chemical dosages, and electrical applications.
- Examine and compare federal and state laws and regulation that are applicable to the water/wastewater industry.
- Assess and apply health, safety, emergency planning, and security practices and procedures to evaluate specific working environments within the water/wastewater treatment fields.
- Demonstrate skill in water/wastewater sampling and analysis techniques.
- Analyze and evaluate a variety of water/wastewater treatment processes as well as applicable operation, maintenance, and laboratory procedures.
- Explain a variety of distribution and collection system designs, operations and maintenance.
- Apply the scientific principles behind water resources management to the design of water/wastewater treatment strategies.



## EMPLOYMENT

The average salary for a Water and Wastewater Operator is \$45,000 - 65,000.

Hocking College alumni work in water and wastewater treatment plants in the City of Dayton, City of Springfield, Clermont County, Northeast Ohio Regional Sewer District.

## ALL-INCLUSIVE PRICING

Hocking College offers all-inclusive pricing and works with students to assure they have complete college funding, including financial aid, before they start classes. All-inclusive pricing includes the following:

### PER SEMESTER

\$300.....Learning Fee

\$20.....Health Center Services

\$75.....Career Center Services

### Not Included in the All-Inclusive Pricing

\$53.....Parking

Pricing for housing and meal plans can be found at [hocking.edu/residence-halls](https://hocking.edu/residence-halls).

# DEGREE TRACK

2024/2025 Academic Year

## Drinking Water Treatment Operator Certificate

COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
WWM-1110	Water/Wastewater Health, Safety & Security	2.00	\$372
WWM-1430	Drinking Water Treatment	3.00	\$440
WWM-2231	Water Resource Treatment & Protection	3.00	\$20
WWM-2210	Water Distribution	3.00	\$390
WWM-1270	Water/Wastewater Laws & Regulations	2.00	\$20
WWM-1251	Math & Chemistry Applications for Operators	4.00	\$463

<b>IN-STATE TUITION &amp; FEES</b>	<b>\$4,415</b>
<b>OUT-OF-STATE TUITION &amp; FEES</b>	<b>\$6,730</b>

## Wastewater Treatment Operator Certificate

COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
WWM-1110	Water/Wastewater Health, Safety & Security	2.00	\$372
WWM-2120	Wastewater Collection	3.00	\$370
WWM-2151	Industrial Waste Treatment	3.00	\$210
WWM-1440	Wastewater Treatment	3.00	\$460
WWM-1270	Water/Wastewater Laws & Regulations	2.00	\$20
WWM-1251	Math & Chemistry Applications for Operators	4.00	\$463

<b>IN-STATE TUITION &amp; FEES</b>	<b>\$4,605</b>
<b>OUT-OF-STATE TUITION &amp; FEES</b>	<b>\$6,920</b>

AUTUMN 1				
SCHEDULE	COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
8 Weeks (1)	Math-1103	Applied Mathematics	3.00	\$150
8 Weeks (1)	WWM-1430	Drinking Water Treatment	3.00	\$440
8 Weeks (1)	WWM-2231	Water Resources Management & Protection	3.00	\$20
8 Weeks (2)	WWM-1130	Stormwater Management	2.00	\$50
8 Weeks (2)	WWM-1200	Emerging Issues in Water & Wastewater	2.00	\$50
8 Weeks (2)	WWM-1270	Water/Wastewater Laws & Regulations	2.00	\$20
16 Weeks	GS-1010	Pathways to Prosperity	1.00	\$50
		<b>SEMESTER TOTAL</b>	<b>16.00</b>	
		<b>IN-STATE TUITION &amp; FEES</b>		<b>\$3,490</b>
		<b>OUT-OF-STATE TUITION &amp; FEES</b>		<b>\$5,745</b>
SPRING 1				
SCHEDULE	COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
8 Weeks (1)	ENGL-1510	English Composition I	4.00	\$50
8 Weeks (1)	WLM-2203	Environmental Ethics	3.00	\$100
8 Weeks (1)	WWM-1110	Water/Wastewater Health, Safety & Security	2.00	\$372
8 Weeks (2)	ENVS-1101	Environmental Science	3.00	\$150
8 Weeks (2)	WWM-1440	Wastewater Treatment	3.00	\$460
		<b>SEMESTER TOTAL</b>	<b>15.00</b>	
		<b>IN-STATE TUITION &amp; FEES</b>		<b>\$3,842</b>
		<b>OUT-OF-STATE TUITION &amp; FEES</b>		<b>\$6,097</b>
SUMMER 1				
SCHEDULE	COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
12 Weeks	WWM-2600	Water/Wastewater Practicum	1.00	\$50
		<b>SEMESTER TOTAL</b>	<b>1.00</b>	
		<b>IN-STATE TUITION &amp; FEES</b>		<b>\$394.25</b>
		<b>OUT-OF-STATE TUITION &amp; FEES</b>		<b>\$482.25</b>
AUTUMN 2				
SCHEDULE	COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
8 Weeks (1)	WWM-2100	Water Reuse	3.00	\$240
8 Weeks (1)	WWM-2180	Water/Wastewater Microorganisms	3.00	\$436
8 Weeks (2)	COMM-1130	Speech	3.00	\$50
8 Weeks (2)	WWM-1251	Math & Chemistry Applications for Operators	4.00	\$463
8 Weeks (2)	WWM-2210	Water Distribution	3.00	\$390
		<b>SEMESTER TOTAL</b>	<b>16.00</b>	
		<b>IN-STATE TUITION &amp; FEES</b>		<b>\$4,289</b>
		<b>OUT-OF-STATE TUITION &amp; FEES</b>		<b>\$6,544</b>
SPRING 2				
SCHEDULE	COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
8 Weeks (1)	WWM-2120	Wastewater Collection	3.00	\$370
8 Weeks (1)	WWM-2151	Industrial Waste Treatment	3.00	\$210
8 Weeks (2)	GS-2010	Pathways to Prosperity II	1.00	\$50
8 Weeks (2)	WWM-1120	Water/Wastewater Sampling & Analysis	2.00	\$984
8 Weeks (2)	WWM-2400	Wells & Reservoirs	2.00	\$50
8 Weeks (2)	WWM-2650	Water/Wastewater Utilities Management (Capstone)	4.00	\$30
		<b>SEMESTER TOTAL</b>	<b>15.00</b>	
		<b>IN-STATE TUITION &amp; FEES</b>		<b>\$4,404</b>
		<b>OUT-OF-STATE TUITION &amp; FEES</b>		<b>\$6,659</b>
		<b>TOTAL CREDIT HOURS</b>	<b>63.00</b>	
		<b>TOTAL IN-STATE TUITION &amp; FEES *</b>		<b>\$16,419.25</b>
		<b>TOTAL OUT-OF-STATE TUITION &amp; FEES *</b>		<b>\$25,527.25</b>

## QUESTIONS? CONTACT.

### Admissions

Admissions@hocking.edu | (740) 753-7050  
[www.hocking.edu/water-and-wastewater-management](http://www.hocking.edu/water-and-wastewater-management)

\*All courses and course fees are subject to change. Visit us online to see the most up-to-date curriculum and pricing for this program.