



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

OPTIONAL

- \$53.....Parking

Pricing for housing and meal plans can be found at hocking.edu/residence-halls.

DEGREE TRACK

2023/2024 Academic Year

Water Treatment Operators Certificate

COURSE	COURSE NAME
WWM-1110	Water/Wastewater Health, Safety & Security
WWM-1430	Drinking Water Treatment
WWM-2231	Water Resource Treatment & Protection
WWM-2210	Water Distribution
WWM-1270	Water and Wastewater Laws & Regulations
WWM-1251	Math & Chemistry Applications for Operators
IN-STATE TUITION & FEES	
\$4,355	
OUT-OF-STATE TUITION & FEES	
\$6,610	

Wastewater Treatment Operator Certificate

COURSE	COURSE NAME
WWM-1110	Water/Wastewater Health, Safety & Security
WWM-2120	Wastewater Collection
WWM-2151	Industrial Waste Treatment
WWM-1140	Wastewater Treatment
WWM-1270	Water and Wastewater Laws & Regulations
WWM-1251	Math & Chemistry Applications for Operators
IN-STATE TUITION & FEES	
\$4,361	
OUT-OF-STATE TUITION & FEES	
\$6,616	

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
SEMESTER TOTAL			16.00	
IN-STATE TUITION & FEES				\$3,430
OUT-OF-STATE TUITION & FEES				\$5,685

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
SEMESTER TOTAL			15.00	
IN-STATE TUITION & FEES				\$3,782
OUT-OF-STATE TUITION & FEES				\$6,037

SUMMER 1				
SCHEDULE	COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
12 Weeks	WWM-2600	Water/Wastewater Practicum	1.00	\$50
SEMESTER TOTAL			1.00	
IN-STATE TUITION & FEES				\$289.25
OUT-OF-STATE TUITION & FEES				\$477.25

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 Operations	4.00	\$463
8 Weeks (2)	WWM-2210	Water Distribution	3.00	\$390
SEMESTER TOTAL			16.00	
IN-STATE TUITION & FEES				\$4,229
OUT-OF-STATE TUITION & FEES				\$6,484

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
SEMESTER TOTAL			15.00	
IN-STATE TUITION & FEES				\$4,344
OUT-OF-STATE TUITION & FEES				\$6,599
TOTAL CREDIT HOURS			63.00	
TOTAL IN-STATE TUITION & FEES *				\$16,074.25
TOTAL OUT-OF-STATE TUITION & FEES *				\$25,282.25

QUESTIONS? CONTACT.

Admissions

Admissions@hocking.edu | (740) 753-7050

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.*