



WATER TREATMENT TECHNOLOGY



SUCCEED HERE

PROGRAM PURPOSE

The Water Treatment Technology Program will provide students a fundamental understanding of the scientific principles used to treat drinking water as well as sanitize wastewater before it is discharged back into the environment.

Students will learn industry theory and gain “hands-on” experience using laboratory exercises to better understand the information across the spectrum — from the basics to an in-depth study of Water and Wastewater Treatment.



The State of Maine has an immediate and growing need for qualified water and wastewater treatment plant operators.

CAREER OPPORTUNITIES

Graduates qualify as technicians in water and wastewater treatment plant operators.

Additional opportunities exist for laboratory analysis, chemical processing, and sales positions in companies that support the water industry.

APPLICATION PROCEDURE

The following procedures constitute the admissions process:

1. An application form must be submitted accompanied by a nonrefundable \$20 application fee.
2. An official high school transcript must also be submitted (current seniors' transcripts should include completed ranking periods).
3. HiSET/GED test scores must be submitted by applicants who are not high school graduates.
4. Official college transcripts must be submitted by applicants who have attended other colleges or post-secondary schools.
5. Placement testing or appropriate SAT scores and individual interviews are required prior to being admitted.
6. Admissions decisions are made as quickly as possible once a candidate's file is complete.
7. Accepted applicants are required to make a deposit within thirty days of acceptance. Students requesting on campus housing are required to submit an additional deposit to reserve space in the residential complex.

nmcc.edu

SUCCEED HERE

WATER TREATMENT TECHNOLOGY

2018-2019 Curriculum

Associate in Applied Science Degree Program

<u>First Semester</u>		C	L	CR
COL 103	College Success	1	0	1
DRR 117	Blueprint Read for Const Trades	2	2	3
ENG 111	English Composition	3	0	3
♦ WTT 103	Intro to Water Treatment Tech	3	0	3
♦ WTT 111	Water Treatment I	2	2	3
♦ WTT 113	Water Plant Operation	3	0	3
		14	4	16

<u>Second Semester</u>		C	L	CR
♦ CHM 201	Applied Sciences	2	2	3
MAT 119	Applied Mathematics	4	0	4
♦ WTT 201	Water Distribution Systems	2	2	3
♦ WTT 211	Water Treatment II	3	2	4
♦ WTT 120	Treatment Plant Safety	3	0	3
		14	6	17

<u>Third Semester</u>		C	L	CR
♦ ELS 119	Intro to Electronic Systems	1	2	2
PHY 150	Physics	3	2	4
♦ WTT 205	Wastewater Collection Systems	2	2	3
♦ WTT 211	Wastewater Treatment I	2	2	3
	Social Science Elective	3	0	3
		11	8	15

<u>Fourth Semester</u>		C	L	CR
COM 221	Technical Communications	3	0	3
♦ INS 110	Instrumentation & Process Controls	2	2	3
♦ WTT 221	Wastewater Treatment II	3	2	4
♦ WTT 124	Wastewater Plant Operation	3	0	3
	Humanities Elective	3	0	3
		14	4	16

TOTAL REQUIRED 64

♦ Major courses; a minimum grade of "C" or 2.0 required.

DRINKING WATER Certificate Program

<u>First Semester</u>		C	L	CR
DRR 117	Blueprint Read for Const Trades	2	2	3
ENG 111	English Composition	3	0	3
♦ WTT 103	Intro to Water Treatment Tech	3	0	3
♦ WTT 111	Water Treatment I	2	2	3
♦ WTT 113	Water Plant Operation	3	0	3
		13	4	15

<u>Second Semester</u>		C	L	CR
MAT 119	Applied Mathematics	4	0	4
♦ WTT 201	Water Distribution Systems	2	2	3
♦ WTT 211	Water Treatment II	3	2	4
♦ WTT 120	Treatment Plant Safety	3	0	3
		12	4	14

TOTAL REQUIRED 29

WASTEWATER Certificate Program

<u>First Semester</u>		C	L	CR
♦ ELS 119	Intro to Electronic Systems	1	2	2
ENG 111	English Composition	3	0	3
♦ WTT 103	Intro to Water Treatment Tech	3	0	3
♦ WTT 205	Wastewater Collection Systems	2	2	3
♦ WTT 121	Wastewater Treatment I	2	2	3
		11	6	14

<u>Second Semester</u>		C	L	CR
♦ INS 110	Instrumentation & Process Controls	2	2	3
MAT 119	Applied Mathematics	4	0	4
♦ WTT 221	Wastewater Treatment II	3	2	4
♦ WTT 124	Wastewater Plant Operation	3	0	3
♦ WTT 120	Treatment Plant Safety	3	0	3
		15	4	17

TOTAL REQUIRED 31

NMCC is an equal opportunity/affirmative action institution and employer.
For more information, please call 768-2791.

207-768-2785

nmcc.edu