WATER TREATMENT TECHNOLOGY

NORTHERN MAINE COMMUNITY COLLEGE

SUCCEED HERE

CAREER OPPORTUNITIES

- Technicians
- Plant Operators
- Government Agencies
- Lab Analysis Technicians
- Sales within Water Industry

HIGH DEMAND FIELD!

Questions?

Contact:
admissions@nmcc.edu

APPLICATION PROCEDURE

The following procedures constitute the admissions process:

1. Submit an NMCC application.
2. Submit official high school transcript and/or HiSET/GED scores (current senior's transcript should include completed ranking period grades).
3. Official college transcripts for applicants who have attended other post-secondary schools.
4. If SAT scores are not available, placement testing may be required.
5. Meet with an Admissions Counselor.
6. A campus tour is highly recommended.

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.

During the admissions process, students' information related to previous college courses and work-related experience will be evaluated for prior learning credit. Such evaluation may reduce the time for degree completion.

NMCC / SMCC COLLABORATION

The need for trained water treatment technicians across Maine and the United States is growing. In an effort to help alleviate the shortage in Maine, SMCC is partnering with NMCC to deliver both certificate and associate degree level water treatment technology training on the South Portland campus. While state of the art technology will enable students to access lectures from anywhere, hands-on laboratory-based exercises, under the direction of a qualified faculty member, will be held on the South Portland campus.

SUCCEED HERE

WATER TREATMENT TECHNOLOGY

2023-2024

Associate in Applied Science Degree Program

First Semester			C	L	CR
DRR	117	Blueprint Reading for Construction Trades	2	2	3
ENG	111	English Composition	3	0	3
> WTT	**103**	**Introduction to Water Treatment Technology**	**3**	**0**	**3**
> WTT	**111**	**Water Treatment I**	**2**	**2**	**3**
> WTT	**113**	**Water Plant Operation**	**3**	**0**	**3**
			13	4	15

Second Semester					
> CHM	**201**	**Applied Sciences**	**2**	**2**	**3**
MAT	121	Technical Mathematics	4	0	4
> WTT	**120**	**Treatment Plant Safety**	**3**	**0**	**3**
> WTT	**201**	**Water Distribution Systems**	**2**	**2**	**3**
> WTT	**211**	**Water Treatment II**	**3**	**2**	**4**
			14	6	17

Third Semester					
BIO	115	General Biology	3	2	4
> ELS	**119**	**Introduction to Electronic Systems**	**1**	**2**	**2**
> WTT	**121**	**Wastewater Treatment I**	**2**	**2**	**3**
> WTT	**205**	**Wastewater Collection Systems**	**2**	**2**	**3**
		Social Science Elective	3	0	3
			11	8	15

Fourth Semester					
COM	221	Technical Communications	3	0	3
> INS	**110**	**Instrumentation & Process Controls**	**2**	**2**	**3**
> WTT	**124**	**Wastewater Plant Operation**	**3**	**0**	**3**
> WTT	**221**	**Wastewater Treatment II**	**3**	**2**	**4**
		Humanities Elective	3	0	3
			14	4	16

Total Required **63**

DRINKING WATER

2023-2024

Certificate Program

First Semester			C	L	CR
DRR	117	Blueprint Reading for Construction Trades	2	2	3
ENG	111	English Composition	3	0	3
> WTT	**103**	**Introduction to Water Treatment Technology**	**3**	**0**	**3**
> WTT	**111**	**Water Treatment I**	**2**	**2**	**3**
> WTT	**113**	**Water Plant Operation**	**3**	**0**	**3**
			13	4	15

Second Semester					
MAT	121	Technical Mathematics	4	0	4
> WTT	**120**	**Treatment Plant Safety**	**3**	**0**	**3**
> WTT	**201**	**Water Distribution Systems**	**2**	**2**	**3**
> WTT	**211**	**Water Treatment II**	**3**	**2**	**4**
			12	4	14

Total Required **29**

WASTEWATER

2023-2024

Certificate Program

First Semester					
> ELS	**119**	**Introduction to Electronic Systems**	**1**	**2**	**2**
ENG	111	English Composition	3	0	3
> WTT	**103**	**Introduction to Water Treatment Technology**	**3**	**0**	**3**
> WTT	**121**	**Wastewater Treatment I**	**2**	**2**	**3**
> WTT	**205**	**Wastewater Collection Systems**	**2**	**2**	**3**
			11	6	14

Second Semester					
> INS	**110**	**Instrumentation & Process Controls**	**2**	**2**	**3**
MAT	121	Technical Mathematics	4	0	4
> WTT	**120**	**Treatment Plant Safety**	**3**	**0**	**3**
> WTT	**124**	**Wastewater Plant Operation**	**3**	**0**	**3**
> WTT	**221**	**Wastewater Treatment II**	**3**	**2**	**4**
			15	4	17

Total Required **31**

> Major courses; a minimum grade of "C" or 2.0 is required

Key: C= Class Hours, CR= Credit Hours, L= Laboratory

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

2023-2024