

WATER TREATMENT TECHNOLOGY



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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.

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WATER TREATMENT TECHNOLOGY Associate in Applied Science Degree Program

DRINKING WATER Certificate Program

First Semester			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		2	2	3
			<u>12</u>	<u>6</u>	<u>15</u>

Second Semester			Second Semester		
			C	L	CR
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
			<u>14</u>	<u>6</u>	<u>17</u>

Third Semester			Total Required		
> ELS 119	Introduction to Electronic Systems		1	2	2
PHY 150	Physics		3	2	4
> WTT 121	Wastewater Treatment I		2	2	3
> WTT 205	Wastewater Collection Systems		2	2	3
	Social Science Elective		3	0	3
			<u>11</u>	<u>8</u>	<u>15</u>

Fourth Semester			WASTEWATER Certificate Program		
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
			<u>14</u>	<u>4</u>	<u>16</u>

Total Required			Total Required		
			63		29

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

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

nmcc.edu

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