

PROGRAM PURPOSE

The Tech Prep program at Northern Maine Community College is designed to provide students with an introduction to career and technical education through hands-on learning and trade exploration.

The program helps students build foundational technical skills, workplace safety knowledge, career readiness and problem-solving abilities while exploring a variety of skilled trade pathways offered at NMCC.

Tech Prep is ideal for students who want to explore technical careers before selecting a specific program of study. Whether entering through early college opportunities or as an adult learner exploring new career options, students gain practical experience, exposure to multiple trades and a strong foundation for continued education and workforce training in high-demand technical industries.

CAREER OPPORTUNITIES

The Tech Prep program prepares students for continued technical education and future employment opportunities within skilled trades and workforce-driven industries.

Students develop foundational skills that support entry into NMCC technical programs and provide preparation for hands-on career pathways in construction, manufacturing, transportation and industrial trades.

After continued technical training, graduates may pursue careers such as electrician, plumbing and heating technician, automotive technician, welder, fabricator, construction technician, HVAC technician or industrial maintenance technician. The program also supports career exploration and workforce readiness for students seeking long-term opportunities in Maine's growing skilled trades industries.



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 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.



GET IN TOUCH

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Presque Isle, ME 04769



TECH PREP CERTIFICATE

2026-2027

Certificate Program

First Semester			C	L	CR
	MAT 122	Technical Mathematics	2	2	3
	ENG 111	English Composition	3	0	3
			5	2	6
Second Semester			C	L	CR
>	Any major or related course(s) from the list below				12
					12
	>	<i>Major courses; a minimum grade of "C" or 2.0 is required</i>			
		<i>Key: C=Class hours; L=Laboratory; CR=Credit hours</i>			
Automotive Collision Repair			C	L	CR
>	ACR 111	Nonstructural Repairs	3	9	6
Automotive Technology					
>	AUT 109	Introduction to Automotive Technology	0.5	1.5	1
>	AUT 115	Automotive Electricity	2	2	3
Building Construction Technology					
>	BCT 110	Hand & Power Tool Systems	0.5	1.5	1
	DRR 117	Print Reading for Construction Trades	2	2	3
Computer Aided Machining					
>	PMT 100	Introduction to Programming	1	2	2
	PMT 102	3D Solid Modeling	2	2	3
	DRR 114	Print Reading for Machinists & Welders	2	2	3
Diesel Hydraulics Technology					
>	DIM 100	Diesel Tools & Safety	0.5	1.5	1
Electrical Construction & Maintenance					
>	ELC 110	National Electric Code	3	0	3
>	ELE 112	Basic Residential Wiring	2	2	3
	DRR 117	Print Reading for Construction Trades	2	2	3
Plumbing & Heating					
>	PLH 101	Plumbing Technology	3	0	3
>	PLH 126	Water Pumps & Water Treatment	1	2	2
	DRR 117	Print Reading for Construction Trades	2	2	3
Structural Welding					
>	WEI 101	Introduction to Welding	2	2	3
	WEI 103	Welding for Automotive Technology	2	2	3
	WEI 113	Thin Metals Welding	2	2	3
	DRR 114	Print Reading for Machinists & Welders	2	2	3