

Medium/Heavy Truck Technology (BP) Associate in Applied Science Degree

Semester Sequence

Offered at Brooklyn Park Only

First Semester

MHTT1002	Truck Technology Fundamentals	2
MHTT1011	Electricity in Truck Technology I	4
MHTT1020	Vehicle Service	3
MHTT1031	Internship/Industry Partnership I	6
PHIL1100	Critical Thinking for College Success	3
	or	
	Choose 3 credits from MnTC Goal Area 2	3

Total Credits 18

Second Semester

MHTT1100	Hydraulic Brake Systems	3
MHTT1115	Air Brake Systems and Controls	3
MHTT1131	Internship/Industry Partnership II	6
MHTT1200	Steering and Suspension Systems	3
COMM1250	Interpersonal Communication	3
	or	
	Choose 3 credits from MnTC Goal Area 7	3

Total Credits 18

Summer Semester

MHTT1300	Introduction to Diesel Engines	3
MHTT1322	Heating and Air Conditioning	2
MHTT1332	Internship/Industry Partnership III	4
SOCI1100	Introduction to Sociology	3
	or	
	Choose 3 credits from MnTC Goal Area 5	3

Total Credits 12

Third Semester

MHTT1210	Clutch and Driveline	3
MHTT1410	Transmission Technologies	3
MHTT1420	Drive Axles	3
MHTT1431	Internship/Industry Partnership IV	6
PHYS1005	Introductory Physics I	3
	or	
	Choose 3 credits from MnTC Goal Area 3	3

Total Credits 18

Fourth Semester

MHTT1401	Diesel Engine II	3
MHTT1501	Diesel Engine III	3
MHTT1512	Diesel Engine IV	4
MHTT1533	Internship/Industry Partnership V	6

ENGL1070	Technical Writing	3
	or	
	Choose 3 credits from MnTC Goal Area 1	3

Total Credits 19

Summer Semester

MHTT1015	Electricity in Truck Technology II	3
MHTT1600	Advanced Diagnostics	2
MHTT1630	Internship/Industry Partnership VI	4

Total Credits 9

MnTC Goal Area 1

A complete list of MnTC courses and Goal Areas that can be used to meet General Education requirements can be found at www.hennepintech.edu. The same course cannot satisfy more than one MnTC Goal Area requirement.

COMM1200	Intercultural Communication	3
COMM1250	Interpersonal Communication	3
COMM1260	Small Group Communication	3
COMM1280	Public Speaking	3
ENGL1070	Technical Writing	3
ENGL1100	Writing and Research	4
ENGL1250	Short Form Composition and Reporting	4
ENGL1300	Introduction to Creative Writing	3

MnTC Goal Area 2

BIOL1000	Biology in Society	4
BIOL1100	Nutrition and Health	3
BIOL1300	Introduction to Forensic Science	3
BIOL1400	Human Biology	4
BIOL2005	General Biology I	4
BIOL2125	Anatomy and Physiology I	4
BIOL2225	Anatomy and Physiology II	4
BIOL2235	Microbiology	4
COMM1260	Small Group Communication	3
MATH1150	Applications of Quantitative Reasoning	3
PHIL1100	Critical Thinking for College Success	3
PHYS1005	Introductory Physics I	3
PHYS1010	Introductory Physics II	3
SOCI1100	Introduction to Sociology	3

MnTC Goal Area 3

BIOL1000	Biology in Society	4
BIOL1300	Introduction to Forensic Science	3
BIOL1400	Human Biology	4
BIOL2005	General Biology I	4
BIOL2125	Anatomy and Physiology I	4
BIOL2225	Anatomy and Physiology II	4
BIOL2235	Microbiology	4
CHEM1000	Introduction to Chemistry	4
CHEM1100	General, Organic, and Biological Chemistry Foundations	4
PHYS1005	Introductory Physics I	3
PHYS1010	Introductory Physics II	3
PHYS2005	College Physics I	4

MnTC Goal Area 5

ECON1200	Principles of Microeconomics	3
ECON1300	Principles of Macroeconomics	3
ENGL1200	Introduction to Humanities	3
HIST1400	Contemporary World History	3

POLI1000	Introduction to American Government and Politics	3
PSYC1000	General Psychology	3
PSYC1200	Psychology Throughout the Lifespan	3
PSYC1300	Abnormal Psychology	3
SOCI1100	Introduction to Sociology	3
SOCI1200	Marriage and Family	3
SOCI1400	Race in America	3
SOCI1500	Introduction to Criminal Justice	3
SOCI1600	Food and Society	3

MnTC Goal Area 7

	Human Diversity	
COMM1200	Intercultural Communication	3
COMM1250	Interpersonal Communication	3
PSYC1200	Psychology Throughout the Lifespan	3
PSYC1300	Abnormal Psychology	3
SOCI1200	Marriage and Family	3
	Race, Power, and Justice	
SOCI1400	Race in America	3

Graduation (94 Credits)

Students entering the Medium/Heavy Truck Technology program must be eligible to obtain a commercial driver's license and be able to pass a DOT (Department of Transportation) physical, drug screening, and background check as a condition of employment for the internship portion of the program.

Semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice.

1/24/2024 : BP 5204 / EP