

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
COMM2050	Interpersonal Communication	3
	or	
	Choose 3 credits from MnTC Goal Area 7	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
ENGL2125	Technical Writing	3
	or	
	Choose 3 credits from MnTC Goal Area 1	3

Total Credits 18

Summer Semester

MHTT1015	Electricity in Truck Technology II	3
MHTT1300	Introduction to Diesel Engines	3
MHTT1321	Heating and Air Conditioning	3
SOCI2100	Introduction to Sociology	3
	or	
	Choose 3 credits from MnTC Goal Area 5	3

Total Credits 12

Third Semester

MHTT1210	Clutch and Driveline	3
MHTT1331	Internship/Industry Partnership III	6
MHTT1410	Transmission Technologies	3
MHTT1420	Drive Axles	3
PHYS2001	Introductory Physics	3
	or	
	Choose 3 credits from MnTC Goal Area 3	3

Total Credits 18

Fourth Semester

MHTT1401	Diesel Engine II	3
MHTT1431	Internship/Industry Partnership IV	6
MHTT1501	Diesel Engine III	3
MHTT1512	Diesel Engine IV	4
PHIL2100	Critical Thinking for College Success	3
	or	
	Choose 3 credits from MnTC Goal Area 2	3

Total Credits 19

Summer Semester

MHTT1532	Internship/Industry Partnership V	9
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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.

COMM2020	Intercultural Communication	3
COMM2050	Interpersonal Communication	3
COMM2060	Small Group Communication	3
COMM2130	Public Speaking	3
ENGL2001	Workplace Correspondence	2
ENGL2050	Short Form Composition and Reporting	4
ENGL2121	Writing and Research	4
ENGL2125	Technical Writing	3
ENGL2130	Introduction to Creative Writing	3

MnTC Goal Area 2

BIOL2001	Biology in Society	4
BIOL2003	Nutrition and Health	3
BIOL2005	General Biology I	4
BIOL2040	Introduction to Forensic Science	3
BIOL2045	Human Biology	4
BIOL2125	Anatomy and Physiology I	4
BIOL2225	Anatomy and Physiology II	4
BIOL2235	Microbiology	4
COMM2060	Small Group Communication	3
MATH2050	Applications of Quantitative Reasoning	3
PHIL2100	Critical Thinking for College Success	3
PHYS2001	Introductory Physics	3
PHYS2015	Introductory Physics II	3
SOCI2100	Introduction to Sociology	3

MnTC Goal Area 3

BIOL2001	Biology in Society	4
BIOL2005	General Biology I	4
BIOL2040	Introduction to Forensic Science	3
BIOL2045	Human Biology	4
BIOL2105	General Biology II - "On Hold" - May 2021	4
BIOL2125	Anatomy and Physiology I	4
BIOL2225	Anatomy and Physiology II	4
BIOL2235	Microbiology	4
CHEM2000	Introduction to Chemistry	4
CHEM2201	General, Organic, and Biological Chemistry Foundations	4
PHYS2001	Introductory Physics	3
PHYS2005	College Physics I	4
PHYS2015	Introductory Physics II	3

MnTC Goal Area 5

ECON2200	Principles of Microeconomics	3
ECON2300	Principles of Macroeconomics	3
HIST1400	Contemporary World History	3
POLI1000	Introduction to American Government and Politics	3
PSYC2300	General Psychology	3
PSYC2310	Psychology Throughout the Lifespan	3
PSYC2330	Abnormal Psychology	3
SOCI2000	Marriage and Family	3
SOCI2100	Introduction to Sociology	3
SOCI2120	Introduction to Criminal Justice	3
SOCI2130	Food and Society	3
SOCI2200	Race in America	3

MnTC Goal Area 7

COMM2020	Intercultural Communication	3
COMM2050	Interpersonal Communication	3
MUSC1005	Influence of Hip-Hop Music	3
MUSC1010	Influence of Pop/Rock Music	3
PSYC2310	Psychology Throughout the Lifespan	3
PSYC2330	Abnormal Psychology	3
SOCI2000	Marriage and Family	3
SOCI2200	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 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.

4/13/2021 : BP 5204 / EP