

LANSING COMMUNITY COLLEGE

Computer, Engineering/Manufacturing Industrial Technologies

Curriculum Code:
1041 (Effective Fall
2017 – Summer 2022)

Heavy Equipment Repair Technician C.A. Pathway

All Heavy Equipment Repair (HERT) courses are taught at AIS Construction, 3600 N. Grand River Ave. in Lansing. In addition, one of the courses may be taught by the AIS Construction staff.

Semester I	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
HERT 110	Equipment Introduction	None	5 / 5
HERT 120	Heavy Engine Rebuild	None	6 / 6
HERT 130	Equipment Hydraulics	None	6 / 6
WELD 102	Industrial/Construction Safety	Reading Level 3 and Writing Level 2	2 / 3
Credits			19 / 20
Semester II	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
HERT 125	Heavy Equipment Electronics	None	5 / 5
HERT 140	Equipment Powertrain	None	5 / 5
WELD 103	Combination Welding	Reading Level 3 and Writing Level 2	4 / 6
Credits			14 / 16
Semester III	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
HERT 135	Diesel Fuel System	None	4 / 4
HERT 145	Equipment Service Writing	None	4 / 4
Credits			8 / 8
Total Credits			41 / 44