SCHOOL OF
TRANSPORTATION & HEAVY EQUIPMENT
OSU Institute of Technology

KOMATSU ACT
Associate in Applied Science
78 Credit
Hours Fall Start Only – 1st Half Start

First Semester (15 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
1st	DHEK 1124 Komatsu Parts & Service Publications	4		ORIE 1011 College Strategies	1	
1st	DHEK 1104 Komatsu General Basics	4		CS 1013 Computer Literacy & Applications	3	
2nd	DHEK 1143 Komatsu Internship I Prerequisites: Completion of all previous program requirements, valid driver's license, departmental approval and a 2.0+ GPA	3				
				COWBOY UP! New Student Orientation	0	

Second Semester (13 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
1st	DHEK 1324 Komatsu Basic Hydraulics Prerequisite: DHEK 1104	4		ENGL 1033 Technical Writing I OR ENGL 1113 Freshman Composition I	3	
1st	DHEK 1333 Komatsu Basic Electrical Systems Prerequisite: DHEK 1104	3				
2nd	DHEK 1243 Komatsu Internship II Prerequisites: Completion of all previous program requirements, valid driver's license, departmental approval and a 2.0+ GPA	3				

Third Semester (14 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
1st	DHEK 1216 Komatsu Engines & Fuel Systems	6		MATH 1493 Math for Critical Thinking OR MATH 1513 Pre-Calculus	3	
1st	DHEK 1352 Vehicle Air Conditioning Systems Prerequisite: DHEK 1333	2				
2nd	DHEK 1343 Komatsu Internship III Prerequisites: Completion of all previous program requirements, valid driver's license, departmental approval and a 2.0+ GPA	3				

Fourth Semester (12 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
1st	DHEK 2416 Komatsu Wheel Loaders - Advanced Hydraulics & Power Train Prerequisites: DHEK 1216, DHEK 1324 and DHEK 1333	6		POLS 1113 US Government	3	
2nd	DHEK 2443 Komatsu Internship IV Prerequisites: Completion of all previous program requirements, valid driver's license, departmental approval and a 2.0+ GPA	3				

Fifth Semester (12 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
1st	DHEK 2516 Komatsu Hydraulic Excavators Prerequisite: DHEK 2416	6		SPCH 1113 Intro to Speech Communications OR SPCH 2313 Small Group Communications	3	
2nd	DHEK 2543 Komatsu Internship V Prerequisites: Completion of all previous program requirements, valid driver's license, departmental approval and a 2.0+ GPA	3				

ANY = Any Term | FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class Recommended Corequisite strategies course available. See advisor for details.

Sixth Semester (12 Hours)

	Program Requirements	Hours		General Education Courses	Hours	
ANY				HIST 1483 US History to 1865 **OR** HIST 1493 US History since 1865	3	
1st	DHEK 2603 Komatsu Advanced Diesel Emissions Prerequisite: DHEK 1216	3				
	DHEK 2626 Komatsu Capstone Prerequisite: DHEK 2516	6				

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