

KOMATSU ACT

ASSOCIATE IN APPLIED SCIENCE (78 CREDIT HOURS)

KOMATSU ACT (Advanced Career Training) is a Komatsu America International Company and Komatsu distributor-sponsored heavy equipment technician program. An essential feature of the program is that a student alternates one half of each semester on campus and the other half of the semester on-site at the sponsoring distributor's location. This intensive method of study and practice prepares a high-performance technician that the participating Komatsu distributors demand. After six semesters of on-campus classes and on-site internships, graduates typically stay with the sponsoring Komatsu distributor as full-time employees.

Komatsu technicians maintain, service, diagnose and repair machines and equipment used in all forms of construction, mining, materials handling, and other industrial activities. They diagnose problems, disassemble equipment, examine it for defects and excessive wear, and recondition or replace parts. Technicians test and adjust components and systems to ensure proper operation and prevent failures. They use sophisticated diagnostic equipment and computers for diagnostics, record keeping, and communications within the shops and offices and with customers.

Typical progression within a company includes journeyman technician, field technician, and specialist/master technician. Potential management advances include foreman/ supervisor, service manager, parts manager, product support manager, trainer, and various executive-level positions.

Students must obtain an approved industry sponsor before enrolling in the program.

This program of study requires special program fees beyond OSUIT's current tuition and mandatory fees.

For more detailed information regarding OSUIT's Komatsu ACT program, please contact a program advisor at 918-293-4710 or visit osuit.edu/komatsu.

PROGRAM REQUIREMENTS: 59 CREDIT HOURS

KOMATSU ACT CORE (44 CREDIT HOURS)

DHEK 1104 Komatsu General Basics
 DHEK 1124 Komatsu Parts & Service Publications
 DHEK 1216 Komatsu Engines & Fuel Systems
 DHEK 1324 Komatsu Basic Hydraulics ^[P]
 DHEK 1333 Komatsu Basic Electrical Systems ^[P]
 DHEK 1352 Vehicle Air Conditioning Systems ^[P]
 DHEK 2416 Komatsu Wheel Loaders - Advanced Hydraulics & Power Train ^[P]
 DHEK 2516 Komatsu Hydraulic Excavators ^[P]
 DHEK 2603 Komatsu Advanced Diesel Emissions ^[P]
 DHEK 2626 Komatsu Capstone ^[P]

PROGRAM INTERNSHIPS (15 CREDIT HOURS)*

Students should consult with a program advisor to select internship course(s) that satisfy program curriculum requirements.

* Course credit may be available through prior learning assessment. Contact advisor for more information.



GENERAL EDUCATION REQUIREMENTS: 18 CREDIT HOURS

AMERICAN HISTORY & GOVERNMENT (6 CREDIT HOURS)

HIST 1483 US History to 1865 *or*
 HIST 1493 US History since 1865
 POLS 1113 US Government

COMMUNICATIONS (6 CREDIT HOURS)

Select from courses listed below or others as approved by program advisor.

ENGL 1113 Freshman Composition I *or*
 ENGL 1033 Technical Writing I
 SPCH 1113 Introduction to Speech Communications *or*
 SPCH 2313 Small Group Communications

COMPUTER LITERACY (3 CREDIT HOURS)

CS 1013 Computer Literacy & Applications

MATHEMATICS (3 CREDIT HOURS)

Select from courses designated with an "A," including, but not limited to, courses listed below.

MATH 1493 Math for Critical Thinking (A)
 MATH 1513 Pre-Calculus (A)

INTERDEPARTMENTAL REQUIREMENTS: 1 CREDIT HOUR

ORIENTATION (1 CREDIT HOUR)

GTGE 1111 College Cornerstone

KOMATSU