

ASSOCIATE OF APPLIED SCIENCE DEGREE

CONSTRUCTION EQUIPMENT TECHNOLOGY

Length: 20 Months

Students in this program will prepare for entry-level positions in the construction equipment industry by acquiring the technical skills currently applicable to the industry. They will also take a core of general education courses to augment their technical education.

MISSION STATEMENT: The Construction Equipment Department's mission is to provide a quality education using equipment currently in the industry and its diverse courses to develop students into a knowledgeable and productive work force.

Technical Requirements	Instructional Hours	Credit Hours
AG228 Tractors	120	6
AU118 Transportation Heating Ventilation Air Conditioning	120	6
AU123 Electrical & Electronics I	120	6
CET100 Construction Equipment Drivetrains	120	6
CET295 Construction Equipment Capstone	36	4
DT124 Diesel Engine Diagnosis & Repair	120	6
DT228 Heavy Equipment & Vehicle Integrated Electronics	120	6
DT230 Diesel Performance & Diagnosis	120	6
DT235 Diesel Engine Electronic Controls	120	6
HY130 Hydraulics	120	6
HY231 Construction Equipment Hydraulics	<u>120</u>	<u>6</u>
Total Technical Hours	1236	64

General Education & Related Requirements	Instructional Hours	Credit Hours
MA234 Customer Relations Automated Management	36	3
MH150 Technical Math	36	4
EN180 Composition I	48	5
PS274 The American Political Scene	24	3
PY177 Introduction to Psychology	24	3
SC205 Earth Science	24	3
UN220 Introduction to Diversity Issues	24	3
UN110 First-Year Experience	<u>11</u>	<u>2</u>
Total General Hours	227	26
TOTAL HOURS FOR GRADUATION	1463	90

*EN070 Basic English

48

3

*MH065 Review Math

48

3

*If the placement test is passed with a score of 70% or higher, course will not be required to graduate.

Recommended Additional Courses	Instructional Hours	Credit Hours
CD101 Commercial Driver License I	120	6
CD102 Commercial Driver License II	120	6
DT119 Theory & Techniques in Welding	120	6