CHATTAHOOCHEE VALLEY COMMUNITY COLLEGE

A.A.S. - Applied Technology: Industrial Maintenance option

This program prepares individuals to apply technical knowledge and skills to repair and maintain industrial machinery and equipment such as cranes, pumps, engines and motors, pneumatic tools, conveyor systems, production machinery, marine deck machinery and steam propulsion and refinery and pipeline-distribution systems.

credit hours

Area I: Written Composition **3**
ENG 101   English Composition 3

Area II: Humanities and Fine Arts **6**
SPH 106   Fundamentals of Oral Communications 3
or SPH 107   Fundamentals of Public Speaking 3
*Humanities 3

Area III: Natural Science and Mathematics **9**
MTH 100   Intermediate College Algebra (or higher level math)........ 3
CIS 146   Microcomputer Applications.............................. 3
Math, Science or Computer Science Elective 3

Area IV: History, Social and Behavioral Sciences **3**
PSY 200   General Psychology..................................... 3

Area V: Preprofessional Major and Elective Courses. **48**
ADM 100   Industrial Safety 3
ADM101   Precision Measurement 3
ADM 102   Computer Aided Design................................. 3
ADM 103   Intro to Computer Integrated Manufacturing/Material Processes.. 3
WKO 110   NCCER Core 3
ADM 105   Fluid Systems.. 3
ADM 106   Quality Control Concepts............................... 3
INT 101   DC Fundamentals....................................... 3
INT 103   AC Fundamentals 3
INT 113   Motor Controls 3
INT 117   Industrial Mechanics 3
INT 253   Industrial Robotics 3
INT 184   Intro to Programmable Logic Controllers 3
INT 284   Advanced Programmable Logic Controllers 3
INT 288   Applied Programmable Logic Controllers................. 3
INT 134   Prin. of Industrial Maintenance Welding and
Metal Cutting Techniques 3

Additional degree requirements **4**
**ORI 101   Orientation to College 1
WKO 102   Workplace Skills Development II 3

Total **73-75**