

**HENDERSON COMMUNITY COLLEGE
ACADEMIC PLAN/APPLICATION FOR ASSOCIATE IN APPLIED SCIENCE DEGREE IN
INDUSTRIAL AND ENGINEERING TECHNOLOGY INDUSTRIAL MAINTENANCE OPTION**

EMPL ID _____

Major/Program Code _____

Name _____

(Complete shaded areas as applicable)

(2004-2005)

Academic Success Requirements (May be required)	Semester Taken	Credit Hours
ENC 090 - Foundations of College Writing I		3*
ENC 091 - Foundations of College Writing II		3*
MT 055 - Pre-Algebra		3*
MT 065 - Basic Algebra with Measurement		3*
RDG 010 - Introduction to College Reading		3*
RDG 020 - Improved College Reading		3*
RDG 030 - Reading for the College Classroom		3*
* Courses numbered 001-099 and MA 108 do not count toward the determination of grade point average or as credit toward graduation.		

Industrial and Engineering Technology Technical Core	Semester Taken	Credit Hours
ET 107 - Computer Applications for Technicians		4
ET 110 - Electric Circuits I		4
ET 112 - Digital Logic Circuits		4
ET 234 - Computer Hardware Maintenance		3
MT 155 - Trigonometry		3
CAD 100 - Introduction to Computer-Aided Design		3
MFG 265 - Robotics and Industrial Automation		4
Subtotal Industrial and Engineering Technology Core		25

General Education Requirements	Semester Taken	Credit Hours
ENG 101 - Writing I		3
ENG 102 - Writing II		3
Oral Communications		3
Heritage/Humanities Course		3
Social Interaction Course		3
MT 150 - College Algebra		3
Physics Courses - 4-5 credit hours		
Subtotal General Education Requirements		22-23

Industrial Maintenance Option Requirements	Semester Taken	Credit Hours
ET 122 - Industrial Mechanical Systems		3
ET 250 - Programmable Logic Controllers		4
ET 244 - Electric Machinery and Controls		4
ET 265 - Applied Fluid Power		3
Technical Courses - 10 credit hours		
Subtotal Industrial Maintenance Option Requirements		24
Total Credit Hours		71-72*
*A course used to fulfill one requirement cannot be used to fulfill another requirement.		

The Associate in Applied Science Degree in Industrial and Engineering Technology Industrial Maintenance Option is awarded to students who complete a minimum of 70 credit hours, including the specified requirements, with a cumulative grade point average of 2.0 or higher.

HENDERSON COMMUNITY COLLEGE
SEMESTER-BY-SEMESTER ACADEMIC PLAN FOR ASSOCIATE IN APPLIED SCIENCE DEGREE IN
INDUSTRIAL AND ENGINEERING TECHNOLOGY INDUSTRIAL MAINTENANCE OPTION

Semester		Year	
Course	Grade	Credit Hours	
Sem. GPA	Cum. GPA	Total	

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