

# ELECTRICAL ENGINEERING

## Advanced Academic Diploma

- 4 Credits Advanced English
- 4 Credits Social Studies
- 4 Credits Math (*Algebra II w/Trig and Pre-Calculus required*)
- 4 Credits Science (*Physics, Chemistry required*)

Foreign Language  
(2 Credits in the same language)

- 1 Fine Arts
- 1 Physical Education
- 1 Career Preparedness Course
- ½ Health

### 6 ½ Credits Elective:

- AC-DC
- Motor Controls
- Robotics
- Residential/Industrial Wiring

### IMPORTANT DETAILS:

- *Students will be taught the soft skills needed in the job market. (Interview Techniques, Resume Building and Job Searching)*
- *A senior project (Internship/Job Shadowing) will be provided during the Spring Semester of senior year.*
- This Advanced Diploma will further prepare students for college and make them a more viable candidate for the global market.



# GADSDEN CITY HIGH SCHOOL



# ADVANCED DIPLOMAS IN SCIENCE, TECHNOLOGY ENGINEERING & MATH

# BIOMEDICAL SERVICES

## Advanced Academic Diploma

4 Credits Advanced English  
4 Credits Social Studies  
4 Credits Math (*Algebra II w/Trig required*)  
5 Credits Science (*Pre-AP Biology, Chemistry, Anatomy required + 2 Advanced Science Courses-Physics, AP Chemistry/Biology, or Genetics*)

Foreign Language  
(*2 Credits in the same language*)

1 Fine Arts  
1 Physical Education  
1 Career Preparedness Course  
½ Health

### **4½ Credits Elective:**

- Diagnostic Services
- Therapeutic Services
- Foundations of Health Sciences (Required)
- Health Sciences Internship (Required)

### **IMPORTANT DETAILS:**

- *Students will be taught the soft skills needed in the job market. (Interview Techniques, Resume Building and Job Searching)*
- *A senior project (Internship/Job Shadowing) will be provided during the Spring Semester of senior year.*
- This Advanced Diploma will further prepare students for college and make them a more viable candidate for the global market.



# COMPUTER INFORMATION SYSTEMS

## Advanced Academic Diploma

4 Credits Advanced English  
4 Credits Social Studies  
4 Credits Math (*Algebra II w/Trig required*)  
4 Credits Science (*Physics, Chemistry required*)

Foreign Language  
(*2 Credits in the same language*)

1 Fine Arts  
1 Physical Education  
1 Career Preparedness Course  
½ Health

### **6 ½ Credits Elective:**

- Multimedia/Web Design
- Information Technology Support & Services
- Networking 1 & 2
- Computer Management

### **IMPORTANT DETAILS:**

- *Students will be taught the soft skills needed in the job market. (Interview Techniques, Resume Building and Job Searching)*
- *A senior project (Internship/Job Shadowing) will be provided during the Spring Semester of senior year.*
- This Advanced Diploma will further prepare students for college and make them a more viable candidate for the global market.

