

BUFFALOES



BEST
HIGH SCHOOLS
& WORLD REPORT
U.S. News
RANKINGS

WELCOME

■ Intros

- Michael Mahoney – Principal
- Alesha Eoff – Assistant Principal
- Karen Gonzalez – Head Counselor
- Alejandra Caldera – Counselor
- Rachel Mahoney – CTE Department Head



QR CODES/HANDOUTS

- 1. Course Description Guide
- 2. Course Selection Form
 - Signed into student GISD email
- 3. Presentation



BELL SCHEDULE

- **8:10-8:55** **1st Period (Athletics)**
- **9:00-9:45** **2nd Period (Band)**
- **9:50-10:20** **Activity Period**
- **10:25-11:10** **3rd Period**
- **11:15-12:00** **4th Period**
- **12:05-1:05** **Lunch**
- **12:05-12:25** **Tutorials**
- **1:10-1:55** **5th Period**
- **2:00-2:45** **6th Period**
- **2:50-3:35** **7th Period (Athletics)**



GRADE POINT AVERAGE

- Scales
 - 5.0 Dual Credit/AP/OnRamps (Dual Enrollment) classes
 - 4.5 Honors/Advanced classes
 - 4.0 Regular/On-level classes

Grade in Class	Advanced	Honors	Regular
100	5.0	4.5	4.0
95	4.5	4.0	3.5
82	3.2	2.7	2.2



GRADUATION PLANS/ENDORSEMENTS

- In 2013, lawmakers designed new graduation requirements intended to ensure students are “college or career ready” (HB5)
- Students shall complete the requirements for the “Foundation High School Program” and at least one endorsement (HB5)
- 1 credit is a full year & .5 credit is a semester
- Credits rule:
 - 6 credits – Sophomore
 - 12 credits – Junior
 - 19 credits – Senior
 - 26 credits - Graduate



GRADUATION PLANS/ENDORSEMENTS

- Endorsements are sequences of courses organized around different areas of interest (HB5)
- Upon entering grade 9, students shall specify in writing an endorsement the student intends to earn (HB5)
- GHS Endorsement options include:
 - STEM – 4 Programs of Study
 - Business & Industry – 7 Programs of Study
 - Public Service – 4 Programs of Study



STEM ENDORSEMENT (SCIENCE, TECHNOLOGY, ENGINEERING & MATH)

■ Advanced Science (5 Science Credits)

Year 1	Year 2	Year 3	Year 4
<ul style="list-style-type: none"> Honors Biology 	Choose from: <ul style="list-style-type: none"> Honors Chemistry Honors Physics 	Choose from: <ul style="list-style-type: none"> OnRamps Chemistry OnRamps Physics 	Choose 2 courses from: <ul style="list-style-type: none"> AP Biology OnRamps Geoscience Honors Anatomy & Physiology

■ Advanced Math (5 Math Credits)

Year 1	Year 2	Year 3	Year 4
<ul style="list-style-type: none"> Honors Geometry (Must have taken Algebra 1 in 8th Grade) 	<ul style="list-style-type: none"> Honors Algebra 2 	<ul style="list-style-type: none"> Honors Precalculus 	<ul style="list-style-type: none"> AP Calculus



STEM ENDORSEMENT (SCIENCE, TECHNOLOGY, ENGINEERING & MATH)

■ Advanced Math/Science (9 Credits)

Year 1	Year 2	Year 3	Year 4
<ul style="list-style-type: none"> • Honors Biology • Honors Geometry (Must have taken Algebra 1 in 8th Grade) 	<ul style="list-style-type: none"> • Honors Chemistry • Honors Physics • Honors Algebra 2 	<ul style="list-style-type: none"> • OnRamps Physics • OnRamps Chemistry • Honors Precalculus 	Choose 2 courses from: <ul style="list-style-type: none"> • AP Biology • AP Calculus • OnRamps Geoscience • Honors Anatomy & Physiology

■ Computer Science

Year 1	Year 2	Year 3	Year 4
<ul style="list-style-type: none"> • Fundamentals of Computer Science 	<ul style="list-style-type: none"> • Honors Computer Science I 	<ul style="list-style-type: none"> • AP Computer Science 	<ul style="list-style-type: none"> • Honors Computer Science III



BUSINESS & INDUSTRY ENDORSEMENT

■ Animal Science

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">Principles of Agriculture, Food, and Natural Resources	<ul style="list-style-type: none">Small Animal ManagementEquine Science	<ul style="list-style-type: none">Livestock Production	<ul style="list-style-type: none">Advanced Animal Science OR <ul style="list-style-type: none">Practicum in Ag, Food, Natural Resources

- Focuses on the science, research, and business of animals and other living organisms
- Certification: iCEV Fundamentals of Animal Science



BUSINESS & INDUSTRY ENDORSEMENT

■ Applied Agriculture Engineering

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">Principles of Agriculture, Food, and Natural Resources	<ul style="list-style-type: none">Agricultural Mechanics and Metal Technologies/Lab	<ul style="list-style-type: none">Agricultural Structures Design and Fabrication/Lab	<ul style="list-style-type: none">Practicum in Ag, Food, and Natural Resources

- Focuses on the development and use of automatic and computer-controlled machines, tools, and robots that perform work on metal or plastic
- Certification:
AWS D1.1 Structural Steel AND/OR
AWS D9.1 Sheet Metal Welding



BUSINESS & INDUSTRY ENDORSEMENT

■ Plant Science

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">Principles of Agriculture, Food, and Natural Resources		<ul style="list-style-type: none">Floral Design ORHorticulture Science	<ul style="list-style-type: none">Advanced Floral Design ORPracticum in Ag, Food, and Natural Resources

- Focuses on the science, research, and business of plants and other living organisms. It teaches students how to apply biology and life science to real-world life processes of plants and vegetation, either in laboratories or in the field
- Certification: TSFA Level 1 Floral



BUSINESS & INDUSTRY ENDORSEMENT

■ Business Management

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">Principles of Business, Marketing, & Finance OR <ul style="list-style-type: none">Business Information Management I	<ul style="list-style-type: none">Business Law OR <ul style="list-style-type: none">Business Information Management II	<ul style="list-style-type: none">Business Management	<ul style="list-style-type: none">Practicum in Business Management (Work Program)

- Learn the skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources
- Certification: Certiport Microsoft Word Expert OR Entrepreneurship and Small Business Certification



BUSINESS & INDUSTRY ENDORSEMENT

■ Accounting & Financial Services

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">Principles of Business, Marketing, & Finance OR <ul style="list-style-type: none">Business Information Management 1	<ul style="list-style-type: none">Honors Accounting 1	<ul style="list-style-type: none">Honors Accounting 2	<ul style="list-style-type: none">Practicum in Business Management (Work Program)

- Learn the skills necessary to perform financial services, prepare financial statements, interpret accounting records, give advice, or audit and evaluate statements prepared by others
- Certification:
Intuit QuickBooks Certified User



BUSINESS & INDUSTRY ENDORSEMENT

■ Graphic Design & Multimedia Arts

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">Digital Media	<ul style="list-style-type: none">Graphic Design & Illustration I (Yearbook) AND <ul style="list-style-type: none">Digital Design & Media Productions (Yearbook)	<ul style="list-style-type: none">Graphic Design & Illustration II	

- Explore designing and creating special effects, animation, or other visual images using film, video, computers, or other electronic tools and media, for use in computer games, movies, music videos, and commercials.
- Certification:
Adobe Certified Professional - Illustrator



BUSINESS & INDUSTRY ENDORSEMENT

■ Programming & Software Development

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">• Fundamentals of Computer Science	<ul style="list-style-type: none">• Honors Computer Science 1	<ul style="list-style-type: none">• Advanced Placement Computer Science	<ul style="list-style-type: none">• Honors Computer Science 3

- Explores the occupations and education opportunities associated with researching, designing, developing, and testing operating systems-level software for medical, industrial, military, communications, aerospace, business, scientific, and general computer applications
- Certification:
CodeHS Python Level 1 AND/OR
Information Technology Specialist: Java



PUBLIC SERVICE ENDORSEMENT

Family & Community Services

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">Principles of Human Services AND <ul style="list-style-type: none">Professional Communications	<ul style="list-style-type: none">Human Growth & Development AND <ul style="list-style-type: none">Lifetime Nutrition & Wellness	<ul style="list-style-type: none">Family and Community Services	

- Introduces students to knowledge and skills related to social services, including child and human development and consumer sciences
- Certification:
DSHS Community Health Worker

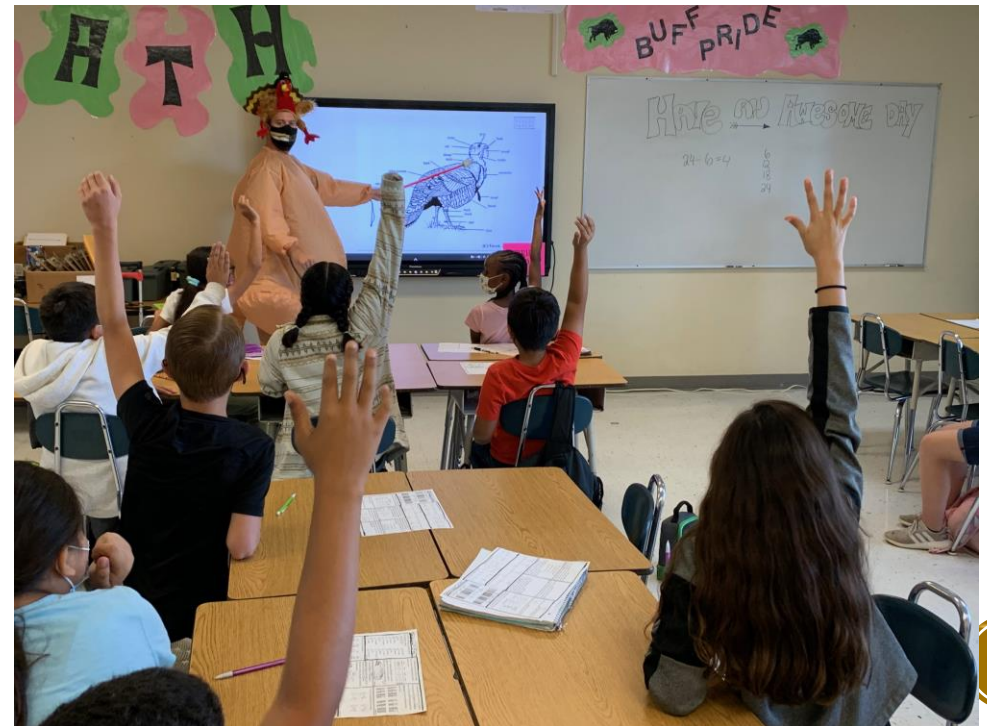


PUBLIC SERVICE ENDORSEMENT

■ Teaching & Training

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">Principles of Human Services	<ul style="list-style-type: none">Human Growth & Development	<ul style="list-style-type: none">Instructional Practices	<ul style="list-style-type: none">Practicum in Education & Training

- Introduces students to knowledge and skills related to social services, including child and human development and consumer sciences
- Certification: TEA Education Aide 1



PUBLIC SERVICE ENDORSEMENT

■ Cosmetology & Personal Care Services

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">Principles of Human Services		<ul style="list-style-type: none">Cosmetology 1	<ul style="list-style-type: none">Cosmetology 2

- Introduces students to knowledge and skills related to providing beauty and personal care services.
- Certification:
TDLR Cosmetology Operator License



PUBLIC SERVICE ENDORSEMENT

Healthcare Therapeutic

Level 1	Level 2	Level 3	Level 4
<ul style="list-style-type: none">Principles of Health Science	<ul style="list-style-type: none">Medical Terminology	<ul style="list-style-type: none">Honors Anatomy & Physiology	<ul style="list-style-type: none">Practicum in Health Science

- Introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team
- Certification: NHA Certified Clinical Medical Assistant



COLLEGE & CAREER READINESS

- College Readiness can be met by:
 - Scoring high enough in Math and Reading on the SAT, TSIA, or ACT
 - Completing College Prep Math and ELA as a senior
 - Scoring a 3 or better on an Advanced Placement test
 - Completing an OnRamps course
 - Completing 3 hours of Dual Credit (Blinn) in ELA or Math OR 9 hours of Dual Credit across all subjects
 - (Economics, Government, Spanish, Medical Terminology)



COLLEGE & CAREER READINESS

- **Career Readiness can be met by:**
 - **Completing a Program of Study and Earning an Industry Based Certification (IBC)**
 - **Graduating with a completed Individualized Education Plan and workforce readiness for students with an IEP**



REQUIREMENTS & RESTRICTIONS

- **Keep in Mind:**
 - Schools must prepare their students to be “College or Career Ready” and make decisions through this lens
 - Student scheduling may be restricted to courses in a student’s Program of Study
 - Picking electives just to fill up a schedule are no more
 - Students wanting to change to a new Program of Study may do so prior to their junior year with parent approval
 - Students may need to take College Prep ELA and Math classes during their senior year



WHAT'S NEXT?

- Families should think about these options and visit with their student
- [Course Description Guide](#)
- [Complete Google Form \(GISD students\)](#)
- On April 29th, GHS Counselors will visit 8th Grade GMS classrooms to pass out schedule request sheets
- Immanuel/Serbin parents, please see Mrs. Caldera after the meeting

