Know Students Personally

- Small School Concept – 5 Houses (600:1)
- 2 to 3 Deans / House (240:1)
- House Secretary “Mom” / House

- Core subjects within houses
- Curriculum teams meet across houses
- Extracurriculars & Sports throughout WHS
- Student Support Services
  - Counselors/Social Workers
  - Campus Technologist
  - College Access Center
Westside is a uniform school with lots of spirit!
DAILY STUDENT SCHEDULE - 7 Classes

- 1 Career Pathway
- 4 Core Subjects (Math, English, Science, Social Studies)
- 2 Electives –
  World Language (2 credits needed)
  Fine Arts (2 Credits needed)
  PE or PE Alternative (2 Credits needed)

Lunch – 1 Hour

Tutorials

Club Involvement
## Course Selection Sheet

### Westside High School

#### Incoming 9th Grade Course Selection Sheet

<table>
<thead>
<tr>
<th>Student ID Number:</th>
</tr>
</thead>
</table>

### Student Name:

<table>
<thead>
<tr>
<th>Parent Phone:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Name of Middle School:</th>
</tr>
</thead>
</table>

#### Rank your interest from 1-7, with 1 being the most and 7 being the least interest:

- [ ] Business
- [ ] Digital Media & Design
- [ ] Legal Studies
- [ ] Computer Science
- [ ] Engineering
- [ ] Culinary Arts
- [ ] Health Science

### MATH

- [ ] Math 8
- [ ] Math 8 HisAdv
- [ ] Alg 1b Hadv Ms
- [ ] Geom B Hadv Ms Gt
- [ ] Alg PAP Algebra 1
- [ ] Alg PAP Algebra 2
- [ ] Algebra 1

### ENGLISH

- [ ] Ela And Rdg B
- [ ] Ela Rdg, Hadv B
- [ ] Eng B Hadv Vg
- [ ] PAP English 1
- [ ] PAP English 1

### SCIENCE

- [ ] Science 8
- [ ] Science B Hadv
- [ ] Sci B Hadv Vg
- [ ] Biology
- [ ] PAP Biology
- [ ] Biology

### SOCIAL STUDIES

- [ ] US History B
- [ ] Us Hist B HISdav
- [ ] Us Hist B Hadv Vg
- [ ] World Geography
- [ ] World Geography Honors
- [ ] AP Human Geography

#### World Languages: Check the appropriate box next to your request.

If you have no prior credit, check one below:

- [ ] Spanish I
- [ ] American Sign Language (ASL)
- [ ] French I
- [ ] Native Speaker

If you have one or more credits in language, check one below:

- [ ] Spanish II
- [ ] Spanish II Honors
- [ ] French II
- [ ] French II Honors

### Electives:

**An audition or summer tryout is required. Please see Westside website for additional tryout, audition, and fee information.**

#### STEP 4

- [ ] Visual and Performing Arts
  - [ ] Dance
  - [ ] Theatre
  - [ ] Technical Theatre
  - [ ] Theatre Production

- [ ] General Electives
  - [ ] Debate 1 or 2
  - [ ] Journalists
  - [ ] Photography
  - [ ] Yearbook
  - [ ] Newspaper

- [ ] Athletics or Physical Education
  - [ ] Baseball
  - [ ] Basketball
  - [ ] Cross Country
  - [ ] Football
  - [ ] Golf
  - [ ] Soccer
  - [ ] Tennis
  - [ ] Cheer
  - [ ] Crew
  - [ ] Foundations of Basketball
  - [ ] Foundations of Soccer
### STEP 1 Career Pathway

<table>
<thead>
<tr>
<th>Rank your interest from 1-7, with 1 being the most and 7 being the least interest.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business</td>
</tr>
<tr>
<td>Computer Science</td>
</tr>
<tr>
<td>Culinary Arts</td>
</tr>
<tr>
<td>Digital Media &amp; Design</td>
</tr>
<tr>
<td>Engineering</td>
</tr>
<tr>
<td>Legal Studies</td>
</tr>
<tr>
<td>Health Science</td>
</tr>
</tbody>
</table>

- ✔️ Think about YOUR interests
- ✔️ Identify YOUR academic strengths
- ✔️ Then choose YOUR pathway

*Don’t make your choice based on your friends. You can see them in other classes.*
Computer Science

The computer science pathway at Westside High School allows students to learn the fundamentals of computer science, explore several coding languages, earn college credit, earn industry certifications and possibly secure an internship with local company partners. In addition, students compete in many area coding competitions.

**COURSE SEQUENCE (typical):**

- Fundamental of Computer Science
- Computer Science I*
- Computer Science II*
- AP Comp Science** or IT Practicum
- AP Computer Science Principles**
- UT OnRamps Comp Sci III**

**ADDITIONAL INFORMATION:**

<table>
<thead>
<tr>
<th>Partners</th>
<th>Code2College</th>
<th>Amazon Future Engineer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft</td>
<td></td>
<td>TEALS [future code]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>College Credit Opportunities</th>
<th>AP Computer Science, AP Computer Science Principles, University of Texas: OnRamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internships</td>
<td>Offered through IT Practicum and Code2College</td>
</tr>
<tr>
<td>College Majors</td>
<td>Computer Science, Software Engineering, Software Development, Computer Engineering</td>
</tr>
<tr>
<td>Industry Certifications</td>
<td>Python, Java</td>
</tr>
<tr>
<td>Competitions</td>
<td>HP CodeWars, UIL style coding competitions</td>
</tr>
</tbody>
</table>
Culinary Arts

INTRODUCTION TO CULINARY ARTS

ACADEMIC UNITS
- History of Food Service
- Workplace Regulations, Safety & Sanitation
- Academic Knowledge and Skills for Food Service
- Food Preparation Techniques
- Communication Skills
- Quality Customer Service
- Food Service
- Marketing in the Food Service Industry
- Technology in Food Service
- Employability Skills
- Personal Success and Effort
- Leadership Development
- Food Service Career Exploration

STUDENTS ARE RESPONSIBLE FOR

1. SUPPLY FEE $75
   Due at the end of the first grading period

2. UNIFORM
   Due by the end of the first progress report
   - Non-Slip Shoes
     OSHA compliant
     Approximate cost: $50
   - White, Long Sleeve, Chef Jacket
     Approximate cost: $50
   - White Chef Hat
     Approximate cost: $10
Digital Media & Design

**COURSE SEQUENCE**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Principles of Art, AV Tech &amp; Communications</td>
</tr>
<tr>
<td>10th</td>
<td>Audio Video Production I</td>
</tr>
<tr>
<td>11th</td>
<td>Audio Video Production II</td>
</tr>
<tr>
<td>12th</td>
<td>Practicum in Audio/Video Production</td>
</tr>
</tbody>
</table>

**CAREERS:** Videographer, Senior Video Producer, Post Production Audio Engineer, Audio/Video Producer, Video Production Specialist, Broadcast Audio Engineer, Multimedia Production Specialist, Audio Technician, Video Engineer, Video Production Specialist
## Engineering

### COURSE SEQUENCE

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Intro to Engineering Design *</td>
</tr>
<tr>
<td>10th</td>
<td>Computer Integrated Manufacturing</td>
</tr>
<tr>
<td>11th</td>
<td>Digital Electronics</td>
</tr>
<tr>
<td>12th</td>
<td>Engineering Design &amp; Problem Solving</td>
</tr>
<tr>
<td></td>
<td>Scientific Research &amp; Design</td>
</tr>
<tr>
<td></td>
<td>Principles of Technology</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Competitions</td>
<td>PetroChallenge, Offshore Technology Conference Energy Challenge, Spellman HV Clean Tech Challenge</td>
</tr>
<tr>
<td>Internships</td>
<td>Opportunities at Marathon Oil and Shell Oil Company through GenesysWorks program</td>
</tr>
<tr>
<td>Externships</td>
<td>Opportunities through IPAA/PESA during the summer between junior and senior year for students who join the WEGA program</td>
</tr>
<tr>
<td>Service/Shadowing</td>
<td></td>
</tr>
<tr>
<td>Field Experiences</td>
<td>Energy Day, Wiess Energy Hall at HMNS, Ocean Star Museum, Turkey Creek Wastewater Treatment Plant, Bureau of Economic Geology</td>
</tr>
<tr>
<td>Industry Needs/Trends/Vacancy Rate</td>
<td>Employment of engineering occupations is projected to grow 7 percent from 2016 to 2026, about as fast as the average for all occupations.</td>
</tr>
<tr>
<td>Typical College Majors</td>
<td>Mechanical engineering, electrical/electronics engineering, civil engineering, petroleum engineering, biomedical engineering, chemical engineering, industrial engineering, nuclear engineering</td>
</tr>
<tr>
<td>Typical Occupations</td>
<td>Engineer (bachelor’s degree), engineering technician (associate’s degree)</td>
</tr>
<tr>
<td>Industry Certifications earned in HS</td>
<td>Certified SolidWorks Associate, Autodesk Certified User (for qualified students)</td>
</tr>
</tbody>
</table>
Health Science

- CPR, AED, First Aid, Red Cross, etc.
- Certifications - Medical Assisting - Pharmacy Tech
- HOSA competitions, Blood Drives

**COURSE SEQUENCE**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Principles of Health Science</td>
</tr>
<tr>
<td>10th</td>
<td>Medical Terminology</td>
</tr>
<tr>
<td>11th</td>
<td>Health Science Theory</td>
</tr>
<tr>
<td>11th</td>
<td>Anatomy/Physiology</td>
</tr>
<tr>
<td>12th</td>
<td>Pathophysiology</td>
</tr>
<tr>
<td>12th</td>
<td>Practicum in Health Science – Pharmacy with Certification</td>
</tr>
<tr>
<td>12th</td>
<td>Practicum of Health Science - Medical Assisting with Certification</td>
</tr>
</tbody>
</table>

[Image of students in a medical setting]

[Image of a student in medical scrubs]

[Image of a classroom scene with students]
### Legal Studies

**COURSE SEQUENCE**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Political Science I</td>
</tr>
<tr>
<td>10th</td>
<td>Political Science II</td>
</tr>
<tr>
<td>11th</td>
<td>Business Law</td>
</tr>
<tr>
<td>12th</td>
<td>Forensic Science</td>
</tr>
<tr>
<td>12th</td>
<td>Honors Forensic Science</td>
</tr>
<tr>
<td>12th</td>
<td>Project-Based Research</td>
</tr>
</tbody>
</table>

**CAREERS:** Attorney, Compliance Officer, Human Resource Representative, Law Enforcement Officer, Legal Assistant, Legislative Assistant, Mediator, Paralegal, Real Estate Agent, Lawyer, Law Librarian, Social Worker, Probation Officer
The Futures Academy of Health Science

Entrance by Magnet Application Only
(Fall of 8th & 9th Grade)

Applications open again:
Wednesday, April 5th
www.CHOOSEHISD.org

- Partnership with Houston Community College
- Earn an Associates Degree
- Over 2 years of Dual Credit Courses
- HCC courses are weighted 5 points
- Courses are transferable to 4 year universities

Don’t forget - You can apply during the fall of 9th grade!!
STEP 2 Core Subjects

✔ Review this year’s report card grades
✔ Choose the level appropriate for you – but challenge yourself in your strongest classes
# STEP 3 World Languages

**World Languages:** Check the appropriate box next to your request.

**If you have no prior credit, check one below:**
- [ ] Spanish I
- [ ] American Sign Language (ASL)
- [ ] French I
- [ ] Native Speaker

**If you have one or more credits in language, check one below:**
- [ ] Spanish II
- [ ] Spanish II Honors
- [ ] French II
- [ ] French II Honors
### Electives:

RANK IN THE ORDER OF INTEREST FOR AT LEAST TWO OF THE FOLLOWING CLASSES (1, 2, 3, etc....)

**AN AUDITION OR SUMMER TRYOUT IS REQUIRED
PLEASE SEE WESTSIDE WEBSITE FOR ADDITIONAL TRYOUT, AUDITION, AND FEE INFORMATION

<table>
<thead>
<tr>
<th>Visual and Performing Arts</th>
<th>General Electives</th>
<th>Athletics or Physical Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 1</td>
<td>Debate (I or II)</td>
<td>Softball</td>
</tr>
<tr>
<td>Art 1 Honors**</td>
<td>Student Leadership</td>
<td>Basketball</td>
</tr>
<tr>
<td>Band**</td>
<td>Journalism I</td>
<td>Cross Country</td>
</tr>
<tr>
<td>Orchestra</td>
<td>Photojournalism I</td>
<td>Football</td>
</tr>
<tr>
<td>Color Guard</td>
<td>Yearbook I</td>
<td>Golf</td>
</tr>
<tr>
<td>Choir</td>
<td>Newspaper I</td>
<td>Soccer</td>
</tr>
<tr>
<td>Advanced Choir**</td>
<td></td>
<td>Tennis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cheer**</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Inertia**</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Foundations of Basketball</td>
</tr>
</tbody>
</table>

**STEP 4**

[Images of school activities and student groups]