

TECH ED CENTER (Students are provided transportation from home campus) exceptions - HHS & MHS

*****Example:** For Students who wish to complete a 2 year Program at the **TECH ED CENTER**
*Auto 1&2, Computer Aided Drafting, Hospitality Marketing/Hotel Management Internship 1&2,
 Health Science 1&2 and Fire Fighting 1&2.*"

	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	4th Year Math Elective
3	IPC	Biology	Chemistry	4th Year Science Elective
4	World Geography	World History	U.S. History	Gov/Eco
5	Other Lang I	Other Lang II	Elective (ex. Other Lang. III)	Computers
6	Study Hall	Speech/Health	Tech Ed I (PEQ)	Tech Ed II
7	Athletics PE	Fine Arts	Tech Ed I (PEQ)	Tech Ed II

(PEQ) - each semester of a two period course waives a semester of PE

Example: For Students wishing to take **COMPUTER MAINTENANCE** at our Tech Ed Center and has not earned credits from Middle School

	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	4th Year Math Elective
3	IPC	Biology	Chemistry	4th Year Science Elective
4	World Geography	World History	U.S. History	Gov/Eco
5	Other Lang I	Other Lang II	Computers	Elective
6	Study Hall	Speech/Health	Elective	Computer Maintenance (PEQ)
7	Athletics PE	Fine Arts	Elective	Computer Maintenance (PEQ)

(PEQ) - each semester of a two period course waives a semester of PE

Example: For Students wishing to take **COSMOTOLOGY** at our Tech Ed. Center (2 Year program/3 period program) - no credits from Middle School

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	PreCalculus
3	IPC	Biology	Chemistry	Physics
4	World Geography	World History	U.S. History	Gov/Eco
5	Other Lang I	Other Lang II	Cosmetology 1 (PEQ)	Cosmetology 2 (PEQ)
6	Study Hall	Speech/Health	Cosmetology 1 (PEQ)	Cosmetology 2
7	Fine Arts	Computers	Cosmetology 1	Cosmetology 2

(PEQ) - each semester of a two period course waives a semester of PE



4 x 4 Graduation Scenarios

Sample Four Year Plans for the Recommended High School Program
 Beginning Fall 2007

Example: Student taking **ATHLETICS** for 4 years - 1 credit from Middle School - No Summer School

	8th	9th	10th	11th	12th
1		English I	English II	English III	English IV
2		Algebra I	Geometry	Algebra II	4th Year Math Elective
3		IPC	Biology	Chemistry	Physics
4		World Geography	World History	U.S. History	Gov/Eco
5		Athletics PE	Athletics PE /(.5 Elective)	Athletics* (NC)	Athletics* (NC)
6	Other Lang 1	Other Lang II	Elective	Speech/Health	Computers
7		Study Hall*	Elective	Fine Arts	Elective

* (NC) = Non credit earning course

Example: Student taking **BAND** for 4 years - no credits from Middle School - no summer school

	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	4th Year Math Elective
3	IPC	Biology	Chemistry	Physics
4	World Geography	World History	U.S. History	Gov/Eco
5	Band (PE .5/FA .5)	Band (PE .5/FA .5)	Band (PE .5/Elec .5)	Band (Elective)
6	Other Lang I	Other Lang II	Other Lang III (Elective)	Computers
7	Study Hall (NC)	Speech/Health	Elective	Elective

Example: Student taking **BAND AND ATHLETICS** for 4 years - no credit from Middle School or summer school

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	4th Year Math Elective
3	IPC	Biology	Chemistry	Physics
4	World Geography	World History	U.S. History	Gov/Eco
5	Athletics PE	Athletics PE /(.5 Elective)	Athletics* (NC)	Athletics *(NC)
6	Band FA	Band (Elective)	Band (Elective)	Band (Elective)
7	Health/Speech	Computers	Other Lang 1	Other Lang 2

* (NC) = Non credit earning course

Please note: the State Board of Education continues to discuss the 4 credit Science sequence. Changes may occur prior to the start of school in August; but any changes, if they occur, would only apply to courses taken in the junior or senior year. If any changes are made by the State Board of Education, students and parents will be notified.

Sample Four Year Plans for the Recommended High School Program: The 4x4

Example: Student taking **DANCE** for 4 years - no credits from Middle School - no summer school

	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	4th Year Math Elective
3	IPC	Biology	Chemistry	Physics
4	World Geography	World History	U.S. History	Gov/Eco
5	Dance I	Dance II*	Dance (Elective)	Dance (Elective)
6	Other Lang I	Other Lang II	Other Lang III (Elective)	Computers
7	Study Hall (NC)	Speech/Health	Elective	Elective

* 2 years of Dance satisfy 1.0 F/A & PE requirements

Example: Student taking **CHOIR** for 4 years - no credits from Middle School - no summer school

	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	4th Year Math Elective
3	IPC	Biology	Chemistry	Physics
4	World Geography	World History	U.S. History	Gov/Eco
5	Choir (Fine Arts)	Choir (Elective)	Choir (Elective)	Choir (Elective)
6	Other Lang I	Other Lang II	Other Lang III (Elective)	Computers
7	Study Hall (NC)	PE	PE .5 /Elective .5	Speech/Health

Example: Student taking **ALGEBRA BLOCK, 4 YEAR FINE ARTS PROGRAM**

(Ex: Art / Theater / Orchestra etc.) and has earned .5 PE credits from Middle School

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Math Models	Algebra II
3	Algebra Elective (NC)	Reading Elective	Other Lang 1	Other Lang II
4 PE (.5)	IPC	Biology	Chemistry	4th Year Science Elective (Prin. Of Technology)
5	World Geography	World History	U.S. History	Gov/Eco
6	Art I (Fine Arts)	Art II (Elective)	Art III (Elective)	Art IV (Elective)
7	Study Hall	PE	Health/Speech	Computers

Example: Student taking **AGRICULTURE (AG)** for 4 years - no credits from Middle School - no summer school

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	4th Year Math Elective
3	IPC	Biology	Chemistry	Physics
4	World Geography	World History	U.S. History	Gov/Eco
5	PE	PE/Health	Fine Arts	Speech / (.5 Elective)
6	AG (Elective)	AG (Elective)	AG (Elective)	AG (Elective)
7	Study Hall (NC)	Other Lang I	Other Lang II	Computers

Sample Four Year Plans for the Recommended High School Program: The 4x4

Example: Student taking **AGRICULTURE (AG)**, Algebra block and Reading elective - no summer school

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Math Models	Algebra II
3	Algebra Elective (NC)	Reading Elective	Other Lang 1	Other Lang II
4	IPC	Biology	Chemistry	Aquatic Science
5	World Geography	World History	U.S. History	Gov/Eco
6	AG (Elective)	AG (Elective)	AG (Elective)	Speech/ (.5 Elective)
7	PE/Health	Computers	PE	Fine Arts

Example: Student taking **PRE-AP** and **AP, ATHLETICS ALL 4 YEARS**, with a credit from Middle School, no summer school, 8 AP courses

8 AP Courses

8th	9th	10th	11th	12th
1	English I Pre-AP	English II Pre-AP	English III AP	English IV AP
2 Algebra I	Geometry H/GT	Algebra II H/GT	PreCalculus H/GT	4th Year Math Elective (AP)
3	Biology H/GT	Chemistry H/GT	Physics H/GT	4th Year Science Elective (AP)
4	World Geography H/GT	World History Pre-AP	U.S. History AP	Gov AP/Eco AP
5	Athletics PE	Athletics PE /(.5 Elective)	Athletics* (NC)	Athletics* (NC)
6	Other Lang I	Other Lang II	Other Lang III (Elective)	Elective
7	Computers	Speech/Health	Fine Art	Elective

* (NC) = Non credit earning course

Example: Student taking **Pre-AP, AP** - two credits transferring from Middle School

8th	9th	10th	11th	12th
1	English I Pre-AP	English II Pre-AP	English III AP	English IV AP
2 Algebra I	Geometry H/GT	Algebra II H/GT	PreCalculus H/GT	4th Year Math Elective (AP)
3	Biology H/GT	Chemistry H/GT	Physics H/GT	4th Year Science Elective (AP)
4	World Geography H/GT	World History Pre-AP	U.S. History AP	Gov/Eco AP
5 Other Lang I	Other Lang II	Other Lang III Pre-AP	Other Lang IV AP	AP Physics C
6	Study Hall	Study Hall	Computers	Speech/Health
7	Athletics PE	Athletics PE /(.5 Elective)	Fine Arts	GT Mentorship (Elective)

Sample Four Year Plans for the Recommended High School Program: The 4x4

ACADEMY PROGRAMS AT MHS

Example: Student taking **GEOGRAPHICAL INFORMATION SYSTEMS ACADEMY PROGRAMS**

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2 Algebra I	Geometry	Algebra II	PreCalculus	4th Year Math Elective (AP)
3	Biology Pre-AP	Chemistry Pre-AP	Physics Pre-AP	4th Year Science Elective (AP)
4	World Geography Pre-AP	World History Pre-AP	U.S. History AP	Gov AP/Eco AP
5	Other Lang I	Other Lang II	Other Lang III / Elective	PE/PE
6	Intro to GIS/ Geo in Global Pos	Intro to GPS	GIS Prog	Raster Based GIS
7 Fdn PE	Comm App/Health	Fine Arts	GIS App Tech (comp credit)	GIS Internship

Example: Student taking **ELECTRONIC ENGINEERING ACADEMY PROGRAM**

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2 Algebra I	Geometry	Algebra II	PreCalculus	4th Year Math Elective (AP)
3	Biology Pre-AP	Chemistry Pre-AP	Physics Pre-AP	4th Year Science Elective (AP)
4	World Geography Pre-AP	World History Pre-AP	U.S. History AP	Gov AP/Eco AP
5	Other Lang I	Other Lang II	Other Lang III / Elective	Elective
6	Intro to Elec. Careers	Direct Current	Tech Intro CAC	Electronic Eng II (comp. credit)
7 Fdn PE	Comm App/Health	Fine Arts	Electronic Eng I	EE Internship

ACADEMY PROGRAMS AT HHS

Example: Student accepted into the **MEDICAL SCIENCE ACADEMY** -
Algebra I and Other Lang I credits from Middle School

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2 Algebra I	Geometry	Algebra II	PreCalculus	Calculus AP
3	Biology Pre-AP	Chemistry Pre-AP	Physics Pre-AP	Biology AP
4	World Geography Pre-AP	World History Pre-AP	U.S. History AP	Gov AP/Eco AP
5 Other Lang I	Other Lang II	Other Lang III (Elective)	Fine Arts	Computer
6	Intro MedSci/MedTerm	Medical Ethics (Health credit)	Mental Health/ ClinNut or internship	Pharm/Patho or internship
7	Speech/Elect/PE	Athletics/Band/Found PE	Athletics/Band/PE	Athletics/Band/PE

Example: Student accepted into the **ENGINEERING ACADEMY** -
Algebra I and Other Lang I credits from Middle School

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2 Algebra I	Geometry	Algebra II	PreCalculus	Calculus AP
3	Biology Pre-AP	Chemistry Pre-AP	Physics Pre-AP	4th Year Science Elective
4	World Geography Pre-AP	World History Pre-AP	U.S. History AP	Gov AP/Eco AP
5 Other Lang I	Other Lang II	Other Lang III (Elective)	Fine Arts	Computer
6	Engineering Principles	CompEngDesign	PrinOfTech (Physics)	Prob&Solutions or internship
7	Speech/Health	Athletics/Band/FoundPE	Athletics/Band/PE	Athletics/Band/PE

Sample Four Year Plans for the Recommended High School Program: The 4x4

Example: Student accepted into the **TELECOMMUNICATION ELECTRONIC MEDIA ACADEMY** -
Algebra I and Other Lang I credits from Middle School

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2 Algebra I	Geometry	Algebra II	PreCalculus	4th Year Math Elective
3	Biology Pre-AP	Chemistry Pre-AP	Physics Pre-AP	4th Year Science Elective
4	World Geography Pre-AP	World History Pre-AP	U.S. History AP	Gov AP/Eco AP
5 Other Lang I	Other Lang II	Other Lang III	Fine Arts	Elective
6	Intro to Visual Processes	Video Tech	Intro to MedTech	Media Tech I/II CN or internship
7	Speech/Health	Athletics/Band/FoundPE	Athletics/Band/PE	Athletics/Band/PE

Example: Student accepted into the **COMPUTER ACADEMY** - Algebra I and Other Lang I credits from Middle School

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2 Algebra I	Geometry	Algebra II	PreCalculus	4th Year Math Elective
3	Biology Pre-AP	Chemistry Pre-AP	Physics Pre-AP	4th Year Science Elective
4	World Geography Pre-AP	World History Pre-AP	U.S. History AP	Gov AP/Eco AP
5 Other Lang I	Other Lang II	Other Lang III	Fine Arts	Elective
6	Digital Graphics	Multimedia	Web Mastering or Comp Animation	Desktop Pub or Independ Study or internship
7	Speech/Health	Athletics/Band/FoundPE	Athletics/Band/PE	Athletics/Band/PE

ACADEMY PROGRAMS AT WHS

Willowridge High School **SOFTWARE DESIGN ACADEMY** (Path 1 Technician A.A.S. NETWORKING)

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	4th Year Math Elective
3	Biology	Chemistry	Physics	4th Year Science Elective
4	World Geography	World History	U.S. History	Gov /Eco
5	Other Lang I	Other Lang II	Elective (ex: Other Lang III)	Elective
6	Operating Systems	Adv. Operating Sys. II	Adv. Operating Sys. III	Software Design Internship
7	Comm App/Health	Fine Arts	Fndtn. PE .5 / Elective .5	Software Design Internship

Willowridge High School **SOFTWARE DESIGN ACADEMY** (Path 2 A.A.S. PROGRAMMING)

8th	9th	10th	11th	12th
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	4th Year Math Elective
3	Biology	Chemistry	Physics	4th Year Science Elective
4	World Geography	World History	U.S. History	Gov /Eco
5	Other Lang I	Other Lang II	Elective (ex: Other Lang III)	Elective
6	Intro. To Adv. Technology	Computer Prog. Adv	Computer Prog. II	Software Design Internship
7	Comm App/Health	Fine Arts	Fndtn. PE .5 / Elective .5	Software Design Internship