

SHALER AREA HIGH SCHOOL  
COURSE DESCRIPTION BOOK HIGHLIGHTS  
2022-2023 SY

Prepared by: Thomas M. Misko – High School Assistant Principal

**Art:**

- New Course Offering:
  - Drawing
    - The course will focus on using a visual language while developing student’s creative thinking and innovation skills in a very hands-on environment. Emphasis is placed on understanding the Elements of Art and Principles of Design as a basis for composition. Students will explore a variety of artists, art processes and materials while becoming more technically capable in drawing. Student artwork will reflect an aesthetic voice based on many cultural and historical contexts.
  - Principles of Studio Art
    - This introductory studio course is a one semester elective that will prepare the student for further high school art experiences. The student will be introduced to skills and media that are utilized in the other art electives including: drawing, painting, printmaking, the elements and principles of design, color theory, the critical process, and keeping a sketchbook journal. The student will demonstrate a thorough understanding of the elements of art and principle of design through an investigative experimentation of ideas, materials, and processes using electronic media in conjunction with traditional art mediums, materials, and processes.
- Course Elimination:
  - Studio Art 1
    - Course is being replaced by Principles of Studio Art and Drawing as semester courses to allow for greater flexibility with underclass scheduling

**English Language Arts:**

- Course Offering Adjustment:
  - Run Drama/Theater Arts 2 and close Stage Craft (Approved in 19-20 SY)

**Science:**

- College in High School
  - AP Chemistry has been approved for College in High School, CHEM0110: General Chemistry 1, through the University of Pittsburgh

**World Language:**

- College in High School
  - Honors Spanish 4 has been approved for College in High School, SPAN0103: Intermediate Spanish 3, through the University of Pittsburgh. (Previously approved as an addendum to the 21-22 SY Course Description Book)
  - Honors Spanish 5, has been approved for College in High School, SPAN0104: Intermediate Spanish 4, through the University of Pittsburgh (Previously approved as an addendum to the 21-22 SY Course Description Book)

**SHALER AREA HIGH SCHOOL  
COURSE DESCRIPTION BOOK  
2022-2023 SY**

Prepared by: Thomas M. Misko – High School Assistant Principal

<b>ART DEPARTMENT:</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Studio Art 1	9,10,11,12	E	Full Year	1		8005
Principles of Studio Art	9,10,11,12	E	Semester	.5		
Drawing	9,10,11,12	E	Semester	.5		
Studio Art 2	10,11,12	E	Full Year	1		8010
Studio Art 3	11,12	E	Full Year	1		8015
AP Studio Art 2D Design	11,12	E	Full Year	1	1.35	8020
AP Studio Art Drawing	11,12	E	Full Year	1	1.35	8017
Digital Arts 1	9,10,11,12	E	Semester	.5		8080
Digital Arts 2	9,10,11,12	E	Semester	.5		8085
Ceramics 1	9,10,11,12	E	Semester	.5		8040
Ceramics 2	9,10,11,12	E	Semester	.5		8045
Ceramics 3	10,11,12	E	Semester	.5		8054
Ceramics 4	10,11,12	E	Semester	.5		8056
Crafts & Sculpture 1	9,10,11,12	E	Semester	.5		8130
Crafts & Sculpture 2	9,10,11,12	E	Semester	.5		8140
Jewelry 1	9,10,11,12	E	Semester	.5		8095
Jewelry 2	9,10,11,12	E	Semester	.5		8100
Jewelry 3	10,11,12	E	Semester	.5		8115
Jewelry 4	10,11,12	E	Semester	.5		8120
Anime & Illustration	9, 10,11,12	E	Semester	.5		8030

**BUSINESS & INFORMATION TECHNOLOGY DEPARTMENT:**

<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Foundations of Business & Management	9,10,11,12	E	Semester	.5		5130
Accounting 1	9,10,11,12	E	Semester	.5		5000
Accounting 2	9,10,11,12	E	Semester	.5		5005
Honors Accounting 3 (CHS - Carlow)	10,11,12	E	Semester	.5	1.35	5010
Microsoft Applications 1 (Formally Computer Applications 1)	9,10,11,12	E	Semester	.5		5100
Microsoft Applications 2 (Formally Computer Applications 2)	9,10,11,12	E	Semester	.5		5101
Honors Microsoft Applications 3 (CHS - LaRoche) (Former Honors Computer Applications 3)	10, 11,12	E	Semester	.5	1.35	5103
Marketing & Advertising	9,10,11,12	E	Semester	.5		5115
Web Page Design	9,10,11,12	E	Semester	.5		5145
Honors Web Page Design (CHS - Univ. of Pgh.)	10,11,12	E	Semester	.5	1.35	5148
Honors Business & Management (CHS - Carlow)	10,11,12	E	Semester	.5	1.35	5020
Small Business Management	10,11,12	E	Semester	.5		5140
Mobile Applications Technology	9,10,11,12	E	Semester	.5		5155
Personal Finance	10,11,12	E	Semester	.5		5110

<b>ENGLISH LANGUAGE ARTS DEPARTMENT:</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester / Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Honors English 9	9	R	Full Year	1	1.17	0065
English 9	9	R	Full Year	1		0070
Honors World Literature 10	10	R	Full Year	1	1.17	0050
World Literature 10	10	R	Full Year	1		0055
Honors American Literature 11	11	R	Full Year	1	1.17	0035
American Literature 11	11	R	Full Year	1		0040
Honors English Literature 12	12	R	Full Year	1	1.17	0020
English Literature 12	12	R	Full Year	1		0025
Practical Career English	12	R	Full Year	1		0030
A.P. English, Language and Composition	11	R	Full Year	1	1.35	0010
A.P. Literature and Composition	12	R	Full Year	1	1.35	0015
Drama/Theater Arts 1	9,10,11, 12	E	Semester	.5		0400
Drama/Theater Arts 2 (For 22-23 SY)	9,10,11,12	E	Semester	.5		0405
<del>Stage Craft (For 20-21 SY)</del>	<del>9,10,11,12</del>	<del>E</del>	<del>Semester</del>	<del>.5</del>		<del>0406</del>
People Skills	10,11,12	E	Semester	.5		0380
Journalism	9,10,11,12	E	Semester	.5		0360
Advanced Journalism/Newspaper	10,11,12	E	Full Year	1		0365
Creative Writing Workshop 1	9,10,11,12	E	Semester	.5		0370
Creative Writing Workshop 2	9,10,11,12	E	Semester	.5		0375
The Language of Activism	10,11,12	E	Semester	.5		0385

<b>FAMILY &amp; CONSUMER SCIENCE DEPARTMENT:</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Teen Living	9,10	E	Semester	.5		6035
The Real World	11,12	E	Semester	.5		6040
Foods	9,10,11,12	E	Semester	.5		6046
Quick Prep Foods	9,10,11,12	E	Semester	.5		6047
International Foods	10,11,12	E	Semester	.5		6048
Gourmet Foods	10,11,12	E	Semester	.5		6049
Titan Café	10,11,12	E	Semester	.5		6050
Creative Sewing Lab 1	9,10,11,12	E	Semester	.5		6100
Creative Sewing Lab 2	9,10,11,12	E	Semester	.5		6105
Advanced Creative Sewing Lab	10,11,12	E	Semester	.5		6110
Child Development	9,10,11,12	E	Semester	.5		6000
Preschool Lab 1	10,11,12	E	Semester	.5		6005
Preschool Lab 2	11,12	E	Semester	.5		6010
Advanced Preschool Lab	12	E	Semester	.5		6015
Interior Design Studio	9,10,11,12	E	Semester	.5		6056
Fashion	9,10,11,12	E	Semester	.5		6120

<b>MATHEMATICS DEPARTMENT:</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Algebra 1 Fundamentals	9,10,11	R	Full Year	1		2003
Algebra 1	9,10	R	Full Year	1		2005
Geometry Fundamentals	10,11,12	R	Full Year	1		2070
Geometry	9,10,11	R	Full Year	1		2065
Honors Geometry	9,10	R	Full Year	1	1.17	2060
Algebra 2 Fundamentals	11,12	R	Full Year	1		2020
Algebra 2	9,10,11,12	R	Full Year	1		2025
Honors Algebra 2	9,10,11	R	Full Year	1	1.17	2030
Algebra 3	11,12	R	Full Year	1		2075
Pre-Calculus	10,11,12	R	Full Year	1		2080
Honors Pre-Calculus	10,11,12	R	Full Year	1	1.17	2085
Business Calculus (CHS- Univ. of Pgh.)	11,12	R	Full Year	1	1.35	2090
Honors Calculus (CHS- Univ. of Pgh.)	11,12	R	Full Year	1	1.35	2095
A.P. Calculus AB (CHS- Univ. of Pgh.)	11,12	R	Full Year	1	1.35	2100
A.P. Calculus BC (CHS- Univ. of Pgh.)	12	R	Full Year	1	1.35	2105
Honors Probability and Statistics (CHS – Univ. of Pgh.)	10,11,12	R/E	Full Year	1.0	1.35	2145
Computer Science Python	9,10,11,12	E	Semester	.5		2110
Honors Computer Science Python (CHS- Univ. of Pgh.)	9,10,11,12	E	Semester	.5	1.35	2115
Computer Science JAVA	9,10,11,12	E	Semester	.5		2120
Honors Computer Science JAVA (CHS- Univ. of Pgh.)	9,10,11,12	E	Semester	.5	1.35	2125
A.P. Computer Science A (CHS – Univ of Pgh.)	10,11,12	E	Full Year	1	1.35	2130

<b>MUSIC DEPARTMENT:</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Piano Lab 1	9,10,11,12	E	Semester	.5		8660
Piano Lab 2	9,10,11,12	E	Semester	.5		8665
Music Theory	9,10,11,12	E	Semester	.5		8540
Honors Wind Ensemble	9,10,11,12	E	Full Year	1	1.17	8650
Jazz Ensemble II	9,10,11,12	E	Full Year	1		8600
Honors Jazz Ensemble I	9,10,11,12	E	Full Year	1	1.17	8610
Symphonic Band	9,10,11,12	E	Full Year	1		8620
Concert Orchestra	9,10,11,12	E	Full Year	1		8635
Chamber Orchestra	10,11,12	E	Full Year	1		8630
Treble Chorus	9	E	Full Year	1		8510
Concert Choir	9,10,11,12	E	Full Year	1		8500
Honors Women's Chorus	9,10,11,12	E	Full Year	1	1.17	8535
Honors Chamber Choir	9,10,11,12	E	Full Year	1	1.17	8505
Percussion Ensemble	9,10,11,12	E	Semester	.5		8545

<b>PHYSICAL EDUCATION &amp; HEALTH DEPARTMENT:</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Physical Education 9	9	R	Semester	.5		7020
Physical Education 10-12	10,11,12	R	Semester	.5		7000
Adaptive Physical Ed.	9,10,11,12	R	Semester	.5		7080
Life Skills P.E.	9,10,11,12	R	Full Year	.5		7090
Aerobic Fitness & Dance	10,11,12	R/E	Semester	.5		7030
Principles of Weight Training & Fitness	10,11,12	R/E	Semester	.5		7040
Advanced Physical Education	10,11,12	R/E	Semester	.5		7070
Health 1	9,10	R	Semester	.5		7100
Health 2	11	R	Semester	.5		7200
First Responder	11,12	R/E	Semester	.5		7065



<b>SCIENCE DEPARTMENT:</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Earth/Space Science	9	R	Full Year	1		3000
A.P. Biology	11,12	R	Full Year	1.5	1.35	3010
Honors Biology	9,10	R	Full Year	1.5	1.17	3015
Biology	10	R	Full Year	1.5		3020
Conceptual Biology	10	R	Full Year	1		3025
Comparative Life Science	11,12	R	Full Year	1		3030
A.P. Chemistry (CHS - Univ of Pgh.)	11,12	R	Full Year	1.5	1.35	3035
Honors Chemistry	10,11,12	R	Full Year	1.5	1.17	3040
Chemistry	10,11,12	R	Full Year	1.5		3045
Conceptual Chemistry (Formally ChemCom)	11,12	R	Full Year	1		3050
Honors Organic Chemistry	11,12	R	Full Year	1.5	1.17	3055
A.P. Physics (CHS - Univ of Pgh.)	12	R	Full Year	1.5	1.35	3070
Honors Physics	11,12	R	Full Year	1.5	1.17	3075
Physics	11,12	R	Full Year	1.5		3080
Conceptual Physics	11,12	R	Full Year	1		3085
Nuclear Astronomy	11,12	E	Semester	.5		3095
Forensic Science	11,12	E	Semester	.5		3105
Honors Anatomy & Physiology (CHS- Carlow)	12	E	Full Year	1.5	1.35	3100
Anatomy & Physiology	12	E	Full Year	1		3110
Sustainability (CHS - Univ of Pgh.)	10,11,12	E	Full Year	1	1.35	3115

<b>SOCIAL STUDIES DEPARTMENT:</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Honors American History	9	R	Full Year	1	1.17	1060
American History	9	R	Full Year	1		1065
Honors World Cultures	10	R	Full Year	1	1.17	1045
World Cultures	10	R	Full Year	1		1050
Honors Civics and Government	11	R	Full Year	1	1.17	1030
Civics and Government	11	R	Full Year	1		1035
A.P. Economics	11,12	R	Full Year	1	1.35	1010
Honors Economics	12	R	Full Year	1	1.17	1015
Economics	12	R	Full Year	1		1020
Problems of Democracy	12	R	Full Year	1		1025
A.P. United States History	11,12	R	Full Year	1	1.35	1000
A.P. European History	10,11,12	R	Full Year	1	1.35	1005
Trial Law	9,10,11,12	E	Semester	.5		1205
Current Events 1	9,10,11,12	E	Semester	.5		1220
Current Events 2	9,10,11,12	E	Semester	.5		1225
Geography	9,10,11,12	E	Semester	.5		1290
The History of Western PA	9,10,11,12	E	Semester	.5		1165
Modern Global Conflicts	11,12	E	Semester	.5		1215
Multicultural Studies	9,10,11,12	E	Semester	.5		1150
Principles of Psychology	10,11,12	E	Semester	.5		1280
Sociology	10,11,12	E	Semester	.5		1285
The Holocaust: Background, Tragedy & Aftermath	11,12	E	Semester	.5		1155
Introduction to World Politics (CHS - Univ of Pgh.)	10,11,12	R/E	Full Year	1	1.35	1295

**SPECIAL EDUCATION DEPARTMENT:**

<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
English 9 (ES/LS/Intensive)	9	R	As per IEP	1		Misc.
English 10 (ES/LS/Intensive)	10	R	As per IEP	1		Misc.
English 11 (ES/LS/Intensive)	11	R	As per IEP	1		Misc.
English 12 (ES/LS/Intensive)	12	R	As per IEP	1		Misc.
Math 9 (ES/LS/Intensive)	9	R	As per IEP	1		Misc.
Math 10 (ES/LS/Intensive)	10	R	As per IEP	1		Misc.
Math 11 (ES/LS/Intensive)	11	R	As per IEP	1		Misc.
Math 12 (ES/LS/Intensive)	12	R	As per IEP	1		Misc.
Science 9 (Intensive)	9	R	As per IEP	1		Misc.
Science 10 (Intensive)	10	R	As per IEP	1		Misc.
Science 11 (ES/Intensive)	11	R	As per IEP	1		Misc.
Science 12 (ES/Intensive)	12	R	As per IEP	1		Misc.
Social Studies 9 (Intensive)	9	R	As per IEP	1		Misc.
Social Studies 10 (Intensive)	10	R	As per IEP	1		Misc.
Social Studies 11 (ES/Intensive)	11	R	As per IEP	1		Misc.
Social Studies 12 (ES/Intensive)	12	R	As per IEP	1		Misc.
Resource 9 - 12(ES/LS/Intensive)	9,10,11,12	R/E	As per IEP	.5 / 1		Misc.

<b>TECHNOLOGY EDUCATION DEPARTMENT:</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Robotics/Electronics 1	9,10,11,12	E	Semester	.5		9040
Robotics/Electronics 2	9,10,11,12	E	Semester	.5		9045
Robotics 3/Automation	10,11,12	E	Semester	.5		9047
Robotics 4/Automation	10,11,12	E	Semester	.5		9048
Engineering Design / Computer Aided Drafting 1	9,10,11,12	E	Semester	.5		9110
Engineering Design / Computer Aided Drafting 2	9,10,11,12	E	Semester	.5		9115
Engineering Design / Computer Aided Drafting 3	10,11,12	E	Semester	.5		9130
Engineering Design / Computer Aided Drafting 4	10,11,12	E	Semester	.5		9135
Visual Communications 1	9,10,11,12	E	Semester	.5		9150
Visual Communications 2	9,10,11,12	E	Semester	.5		9160
Visual Communications 3	10,11,12	E	Semester	.5		9170
Visual Communications 4	10,11,12	E	Semester	.5		9175
Digital Photography 1	9,10,11,12	E	Semester	.5		9185
Digital Photography 2	9,10,11,12	E	Semester	.5		9186
Video Production 1	9,10,11,12	E	Semester	.5		9190
Video Production 2	9,10,11,12	E	Semester	.5		9191
Television Production 1	10,11,12	E	Full Year	1		9195
Television Production 2	11,12	E	Full Year	1		9196
Wood Technology 1	9,10,11,12	E	Semester	.5		9050
Wood Technology 2	9,10,11,12	E	Semester	.5		9060
Wood Technology 3	10,11,12	E	Semester	.5		9075
Wood Technology 4	10,11,12	E	Semester	.5		9080
Cabinetry 1	11,12	E	Full Year	1		9198
Cabinetry 2	12	E	Full Year	1		9199
Metal Technology 1	9,10,11,12	E	Semester	.5		9090
Metal Technology 2	9,10,11,12	E	Semester	.5		9100
Metal Technology 3	10,11,12	E	Semester	.5		9102
Metal Technology 4	10,11,12	E	Semester	.5		9103
Metal Fabrication 1	11,12	E	Full Year	1		9105
Metal Fabrication 2	12	E	Full Year	1		9106

<b>WORLD &amp; CLASSICAL LANGUAGES DEPARTMENT:</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
Spanish 1	9,10,11,12	E	Full Year	1		4080
Spanish 2	9,10,11,12	E	Full Year	1		4085
Spanish 3	10,11,12	E	Full Year	1		4090
Honors Spanish 4 (CHS – Univ. of Pgh.)	11,12	E	Full Year	1	1.35	4095
Honors Spanish 5 (CHS – Univ. of Pgh.) (Formally AP Spanish Language)	12	E	Full Year	1	1.35	4105
French 1	9,10,11,12	E	Full Year	1		4010
French 2	9,10,11,12	E	Full Year	1		4015
French 3	10,11,12	E	Full Year	1		4020
Honors French 4 (CHS- Univ. of Pgh.)	11,12	E	Full Year	1	1.35	4025
Honors French 5 (CHS- Univ. of Pgh.)	12	E	Full Year	1	1.35	4035
Latin 1	9,10,11,12	E	Full Year	1		4135
Latin 2	9,10,11,12	E	Full Year	1		4140
Latin 3	10,11,12	E	Full Year	1		4145
Honors Latin 4 (CHS- Univ. of Pgh.)	11,12	E	Full Year	1	1.35	4150
Honors Latin 5 (CHS- Univ. of Pgh.)	12	E	Full Year	1	1.35	4160
Japanese 1	9,10,11,12	E	Full Year	1		4110
Japanese 2	9,10,11,12	E	Full Year	1		4115
Japanese 3	10,11,12	E	Full Year	1		4120
Honors Japanese 4	11,12	E	Full Year	1	1.17	4125
A.P. Japanese	12	E	Full Year	1	1.35	4130

<b>MISC.</b>						
<b>Course Name</b>	<b>Grade Levels</b>	<b>Required(R) Elective(E)</b>	<b>Semester/ Full Year</b>	<b>Credit Value</b>	<b>Weighted Grades</b>	<b>Course Number</b>
GATE	9,10,11,12	N/A	N/A	N/A	N/A	Misc.
Bridge Resource 9-10	9,10	E	As needed	.5 / 1		Misc.
Bridge Resource 11-12	11,12	E	As needed	.5 / 1		Misc.
Yearbook	9,10,11,12	E	Full Year	1		0359
STEAM Freshman Forum	9	R	Semester	.5		0901
Freshman Forum	9	R	Semester	.5		0900