

# Shadyside High School

## Course Descriptions

|   |   |
|---|---|
| <p><b>Department:</b> Business Education<br/> <b>Course Title:</b> Introduction to Business<br/> <b>Catalog #</b><br/>                     031700<br/> <b>Prerequisite:</b> Recommended = Document Processing</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>                     9-12                  Full Year                  One</p> <p><b>Instructor:</b> C. Thuring                  <b>Period Offered</b><br/>                     5</p>          | <p style="text-align: center;"><b>BUSINESS TECHNOLOGY</b></p> <p>In the Business Technology course, students will gain competencies in information technology basics and computer applications including the Microsoft Office suite in word-processing (MS Word), spreadsheets, (MS Excel), databases (MS Access), desktop publishing functions and presentation graphics software (MS PowerPoint). Concepts will be introduced in a project based setting, with students working on individual and group projects. The Business Technology course integrates computer technology, decision-making and problem-solving skills. Business</p>   |
| <p><b>Department:</b> Business Education<br/> <b>Course Title:</b> Business Principles<br/> <b>Catalog #</b><br/>                     031811<br/> <b>Prerequisite:</b> None</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>                     9-12                  Full Year                  One</p> <p><b>Instructor:</b> C. Thuring                  <b>Period Offered</b><br/>                     3</p>  | <p>In the Business Principles course, the student will be introduced to characteristics of economic concepts, characterize the nature of business and how businesses are organized and operate in our economic system. The student will gain an understanding of the following: business management concepts, the marketing function of business and the development of good consumer habits; how businesses, individuals and families can efficiently manage their money; functions of banks and how to use the services of banks intelligently; how to use credit wisely in the management of personal and family business finances; how the insurance protects the individual from the risk of loss of property or earning power; the importance of communication and transportation and of how the available services may be used; the rights and responsibilities of workers, investors, managers, and the government in the American economy; the need for a thoughtful career choice and the means of finding and applying for a job; international business; business law, ethics and legal issues; and business communications. Business</p>   |
| <p><b>Department:</b> Business Education<br/> <b>Course Title:</b> Document Processing I &amp; II (Digital Communication Tools)<br/> <b>Catalog #</b><br/>                     335014<br/> <b>Prerequisite:</b> None</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>                     9-12                  Full Year                  One</p> <p><b>Instructor:</b> C. Thuring                  <b>Period Offered</b><br/>                     4 8</p> | <p><b>Document Processing (Digital Communication Tools)</b> prepares students to use computerized devices and software programs to effectively handle communication-related school assignments and to develop communication competencies needed for personal and professional activities after graduation. Students will learn the capabilities and operation of high-tech hardware and software and will develop proficiency using a variety of computer input and output technologies, including touch keyboarding and speech recognition. Knowledge of hardware, software, and input and output proficiencies will be applied to communication situations that require problem solving and critical thinking. The student will continue to develop mastery in formatting personal/ business correspondence, tables and reports; develop knowledge and increase skill in formatting business documents of greater length of complexity. Students will be encouraged to develop productive work habits and attitudes which can be carried over into college or employment. The projects included in this course will enable students to enhance their math, reading, listening, writing, speaking and information presentation skills.</p> |
| <p><b>Department:</b> Business Education<br/> <b>Course Title:</b> Computer Applications<br/> <b>Catalog #</b><br/>                     17622<br/> <b>Prerequisite:</b> None</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>                     9-12                  Full Year                  One</p> <p><b>Instructor:</b> J. Grinch<br/>                     C. Thuring                  <b>Period Offered</b><br/>                     1 6</p>      | <p><b>Computer Application</b> will introduce students to a variety of computer applications including word processing, spreadsheet, database, graphic design, web pages, Internet and others. Students will work on individual and group assignments and projects to help them become proficient, creative and self-reliant users of technology. This class will cover topics such as history of the Internet, ethical use of technology and applications, the influence of technology on society as well as evaluation of applications and resources. Students will learn basic web code (HTML) and be introduced to Dreamweaver and Flash software. They may also learn to use other media or equipment such as VCRs, DVD players, cameras, and projectors.</p>  |



# Shadyside High School

## Course Descriptions

| <p><b>Department:</b> Fine Arts<br/> <b>Course Title:</b> Art 5<br/> <b>Catalog #</b><br/>           020005<br/> <b>Prerequisite:</b> Art 1, Art 2, Art 3, Art 4</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>11-12</td> <td>Full Year</td> <td>One<br/>Fine Arts</td> </tr> </tbody> </table> <p><b>Instructor:</b> J. Mamone<br/> <b>Period Offered</b><br/>           3 5</p>                              | Grade Level | Length                | Credit | 11-12 | Full Year | One<br>Fine Arts      | <p><b>ART 5</b></p> <p>This course is designed for the serious art student who probably plans to pursue art, in some form, as a career. Your projects, as an Art 5 student, will be quite extensive. You will continue the development of your artistic style and concentrate heavily in your media of interest. The prerequisites for Art 5 are Art 1, Art 2, Art 3 and Art 4. This course is for a FINE ARTS credit.</p> <p>Art 3, Art 4, &amp; Art 5 may be taken in the same school year with permission.</p>   |
|--|-------------|-----------------------|--------|-------|-----------|-----------------------|---|
| Grade Level  | Length      | Credit                |        |       |           |                       |   |
| 11-12  | Full Year   | One<br>Fine Arts      |        |       |           |                       |   |
| <p><b>Department:</b> Fine Arts<br/> <b>Course Title:</b> Art 6<br/> <b>Catalog #</b><br/>           020006<br/> <b>Prerequisite:</b> Art 1, Art 2, Art 3, Art 4, Art 5</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>11-12</td> <td>Full Year</td> <td>One<br/>Fine Arts</td> </tr> </tbody> </table> <p><b>Instructor:</b> J. Mamone<br/> <b>Period Offered</b><br/>           3 5</p>                       | Grade Level | Length                | Credit | 11-12 | Full Year | One<br>Fine Arts      | <p><b>ART 6</b></p> <p>This course is designed for the serious art student who probably plans to pursue art, in some form, as a career. Your projects, as an Art 6 student, will be quite extensive. You will continue the development of your artistic style and concentrate heavily in your media of interest. The prerequisites for Art 6 are Art 1, Art 2, Art 3, Art 4 and Art 5. This course is for a FINE ARTS credit.</p> <p>Art 4, Art 5, &amp; Art 6 may be taken in the same school year with permission.</p>  |
| Grade Level  | Length      | Credit                |        |       |           |                       |   |
| 11-12  | Full Year   | One<br>Fine Arts      |        |       |           |                       |   |
| <p><b>Department:</b> Fine Arts<br/> <b>Course Title:</b> Art 2 1/2 credit<br/> <b>Catalog #</b><br/>           020022<br/> <b>Prerequisite:</b> Art 1</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10-12</td> <td>Semester</td> <td>One Half<br/>Fine Arts</td> </tr> </tbody> </table> <p><b>Instructor:</b> J. Mamone<br/> <b>Period Offered</b><br/>           3</p>                                      | Grade Level | Length                | Credit | 10-12 | Semester  | One Half<br>Fine Arts | <p><b>Art 2 1/2</b></p> <p>This course is designed to continue the Art 1 student's exposure to studio techniques and Art History. Emphasis shifts from working with as many media as possible to concentration on developing more in-depth projects. The Art 2 students are those students, regardless of grade, who are taking art for the second time in their high school career (9-12). The prerequisite for Art 2 is Art 1. This course is for a FINE ARTS credit.</p>   |
| Grade Level  | Length      | Credit                |        |       |           |                       |   |
| 10-12  | Semester    | One Half<br>Fine Arts |        |       |           |                       |   |
| <p><b>Department:</b> Fine Arts<br/> <b>Course Title:</b> Visual Communications /<br/>           Multimedia Production 1<br/> <b>Catalog #</b><br/>           020310<br/> <b>Prerequisite:</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9-12</td> <td>Full Year</td> <td>One<br/>Fine Arts</td> </tr> </tbody> </table> <p><b>Instructor:</b> J. Mamone<br/> <b>Period Offered</b><br/>           7 8</p> | Grade Level | Length                | Credit | 9-12  | Full Year | One<br>Fine Arts      | <p><b>VISUAL COMMUNICATIONS / MULTIMEDIA PRODUCTION 1</b></p> <p>Visual Communications / Multimedia production is the integration of visuals, whether drawn directly in a drawing or paint program, digitally scanned from existing artwork or photography, imported still photographs from a digital source, or imported movie clips from a video tape or camcorder, with sound to communicate a message. This course is designed to take advantage of new technologies and prepare you to be more of a communications expert. As a student you can expect to work with equipment such as camcorders, VCR's, state of the art multimedia computers, scanners, video editing systems (both linear and nonlinear), audio mixers, multitrack audio recorders, midi-keyboards and CD recorders to name just a few. You will also be exposed to web page design and creation and podcasting. Projects will range from the simple, taking a week or so to complete, to the very complex. When you have completed this course you will have a portfolio of your work to present to colleges and universities should you decide to continue in this field, or to use with a resume if the job market is your immediate goal. One of the objectives is to learn to communicate better with people. You will discover that communication involves listening to other opinions as well as offering your own. This course is for a FINE ARTS credit.</p> |
| Grade Level  | Length      | Credit                |        |       |           |                       |   |
| 9-12   | Full Year   | One<br>Fine Arts      |        |       |           |                       |   |

# Shadyside High School

## Course Descriptions

| <p><b>Department:</b> Fine Arts</p> <p><b>Course Title:</b> Visual Communications / Multimedia Production 2</p> <p><b>Catalog #</b><br/>020311</p> <p><b>Prerequisite:</b> Visual Communications / Multimedia Production 1</p>  | <p style="text-align: center;"><b>VISUAL COMMUNICATIONS / MULTIMEDIA PRODUCTION 2</b></p> <p>Visual Communications / Multimedia Production 2 is a continuation of the basic multimedia production course with increased exposure to more involved and complex projects. The emphasis in Visual Communications / Multimedia Production 2 will be on Video/DVD production, podcasting and website management. The prerequisite for Visual Communications / Multimedia Production 2 is Visual Communications / Multimedia Production 1. This course is for a FINE ARTS credit.</p>   |           |        |       |           |          |  |  |           |  |
|---|---|-----------|--------|-------|-----------|----------|--|--|-----------|--|
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10-12</td> <td>Full Year</td> <td>One</td> </tr> <tr> <td></td> <td></td> <td>Fine Arts</td> </tr> </tbody> </table> <p><b>Instructor:</b> J. Mamone</p> <p style="text-align: right;"><b>Period Offered</b><br/>7 8</p>    | Grade Level   | Length    | Credit | 10-12 | Full Year | One      |  |  | Fine Arts |  |
| Grade Level   | Length  | Credit    |        |       |           |          |  |  |           |  |
| 10-12   | Full Year   | One       |        |       |           |          |  |  |           |  |
|   |   | Fine Arts |        |       |           |          |  |  |           |  |
| <p><b>Department:</b> Fine Arts</p> <p><b>Course Title:</b> Visual Communications / Multimedia Production 3</p> <p><b>Catalog #</b><br/>020312</p> <p><b>Prerequisite:</b> Visual Communications / Multimedia Production 1 and Visual Communications / Multimedia Production 2</p>  | <p style="text-align: center;"><b>VISUAL COMMUNICATIONS / MULTIMEDIA PRODUCTION 3</b></p> <p>Visual Communications / Multimedia Production 3 is a continuation of the Visual Communications / Multimedia Production 2 course with increased exposure to more involved and complex projects. The emphasis in Visual Communications / Multimedia Production 3 will be on Video/DVD production, podcasting and website management. The prerequisites for Visual Communications / Multimedia Production 3 is Visual Communications / Multimedia Production 1 and Visual Communications / Multimedia Production 2. This course is for a FINE ARTS credit.</p>  |           |        |       |           |          |  |  |           |  |
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| Grade Level   | Length  | Credit    |        |       |           |          |  |  |           |  |
| 10-12   | Full Year   | One       |        |       |           |          |  |  |           |  |
|   |   | Fine Arts |        |       |           |          |  |  |           |  |
| <p><b>Department:</b> Fine Arts</p> <p><b>Course Title:</b> Visual Communications / Multimedia Production 1/2 credit</p> <p><b>Catalog #</b><br/>020313</p> <p><b>Prerequisite:</b> Art 1</p>   | <p style="text-align: center;"><b>VISUAL COMMUNICATIONS / MULTIMEDIA PRODUCTION 1/2</b></p> <p>Visual Communications / Multimedia Production 1/2 is the integration of visuals, whether drawn directly in a drawing or paint program, digitally scanned from existing artwork or photography, imported still photographs from a digital source, or imported movie clips from a video tape or camcorder, with sound to communicate a message. This course is designed to take advantage of new technologies and prepare you to be more of a communications expert. As a student you can expect to work with equipment such as camcorders, VCR's, state of the art multimedia computers, scanners, video editing systems (both linear and nonlinear), audio mixers, multitrack audio recorders, midi-keyboards and CD recorders to name just a few. You will also be exposed to web page design and creation and podcasting. Projects will range from the simple, taking a week or so to complete, to the very complex. When you have completed this course you will have a portfolio of your work to present to colleges and universities should you decide to continue in this field, or to use with a resume if the job market is your immediate goal. One of the objectives is to learn to communicate better with people. You will discover that communication involves listening to other opinions as well as offering your own. This course is for a FINE ARTS credit.</p> |           |        |       |           |          |  |  |           |  |
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| Grade Level   | Length  | Credit    |        |       |           |          |  |  |           |  |
| 9-12  | Semester  | One Half  |        |       |           |          |  |  |           |  |
|   |   | Fine Arts |        |       |           |          |  |  |           |  |
| <p><b>Department:</b> Home Economics</p> <p><b>Course Title:</b> Family &amp; Consumer Sciences I</p> <p><b>Catalog #</b><br/>230011</p> <p><b>Prerequisite:</b> None</p>   | <p style="text-align: center;"><b>Family &amp; Consumer Sciences I</b></p> <p>Family &amp; Consumer Sciences I is a basic course designed to meet the needs of every student. The course is divided into units that teach the fundamental life skills required to succeed in the day to day world.</p> <p>The course is set up to be taken as either a full credit class to meet all year or as a 1/2 credit class to meet for only 1 semester. The areas addressed in the first semester will be : Childcare and Family Relations, Clothing Care and Construction (Sewing) and Decision Making. The areas addressed in the second semester will be : Foods and Nutrition, Time and Money Management and Housing.</p> <p>This course is a blend of group work, discussion and individual projects. Students must keep a notebook. A lab fee of \$10 is required for the second semester.</p>  |           |        |       |           |          |  |  |           |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p><b>Instructor:</b> D. Coeey</p> <p style="text-align: right;"><b>Period Offered</b><br/>4 5 6 8</p>  | Grade Level   | Length    | Credit | 9-12  | Full Year | One      |  |  |           |  |
| Grade Level   | Length  | Credit    |        |       |           |          |  |  |           |  |
| 9-12  | Full Year   | One       |        |       |           |          |  |  |           |  |

# Shadyside High School

## Course Descriptions

|                      |                              |                       |
|----------------------|------------------------------|-----------------------|
| <b>Department:</b>   | Home Economics               |                       |
| <b>Course Title:</b> | Family & Consumer Sciences I |                       |
| <b>Catalog #</b>     | 230010                       |                       |
| <b>Prerequisite:</b> | None                         |                       |
| <b>Grade Level</b>   | <b>Length</b>                | <b>Credit</b>         |
| 9-12                 | Semester                     | One Half              |
| <b>Instructor:</b>   | D. Cooley                    | <b>Period Offered</b> |
|                      |                              | 4 5 6 8               |

**Family & Consumer Sciences I** is a basic course designed to meet the needs of every student. The course is divided into units that teach the fundamental life skills required to succeed in the day to day world.

The course is set up to be taken as either a full credit class to meet all year or as a 1/2 credit class to meet for only 1 semester. The areas addressed in the first semester will be : Childcare and Family Relations, Clothing Care and Construction (Sewing) and Decision Making. The areas addressed in the second semester will be : Foods and Nutrition, Time and Money Management and Housing.

This course is a blend of group work, discussion and individual projects. Students must keep a notebook. A lab fee of \$10 is required for the second semester.

|                      |                               |                       |
|----------------------|-------------------------------|-----------------------|
| <b>Department:</b>   | Home Economics                |                       |
| <b>Course Title:</b> | Family & Consumer Sciences II |                       |
| <b>Catalog #</b>     | 2322                          |                       |
| <b>Prerequisite:</b> | Family & Consumer Sciences I  |                       |
| <b>Grade Level</b>   | <b>Length</b>                 | <b>Credit</b>         |
| 10-12                | Full Year                     | One                   |
| <b>Instructor:</b>   | D. Cooley                     | <b>Period Offered</b> |
|                      |                               | 6 7                   |

**Family & Consumer Sciences II,** is a more in depth study of the same areas addressed in Family & Consumer Sciences I . This course is designed for the student who is serious about the study of life skills and may be considering a career in this field. It is a lab class which meets every day for 1 period and either 2 or 3 days a week for a second period. This double period allows extended labs in foods and clothing that 1 period just can't permit. The areas of food & nutrition, child care & family relations, housing, clothing and decision making & consumerism will be studied in more depth . In addition the flour baby unit, dealing with developing good parenting skills, is added to child care, theme meals are added to the foods unit and embroidery is added to the clothing unit. There are several field trips planned to expose students to occupations to this field. Notebooks are required and students will work closely in group activities. Class discussion and participation is a large part of this course.

A Lab Fee of \$15 is required.

|                      |                                |                       |
|----------------------|--------------------------------|-----------------------|
| <b>Department:</b>   | Home Economics                 |                       |
| <b>Course Title:</b> | Family & Consumer Sciences III |                       |
| <b>Catalog #</b>     | 2333                           |                       |
| <b>Prerequisite:</b> | Family & Consumer Sciences II  |                       |
| <b>Grade Level</b>   | <b>Length</b>                  | <b>Credit</b>         |
| 10-12                | Full Year                      | One                   |
| <b>Instructor:</b>   | D. Cooley                      | <b>Period Offered</b> |
|                      |                                | 6 7                   |

**Family & Consumer Sciences III** is an upper level class. There is a mix of students from all 3 courses. It is a lab class which meets every day for 1 period and either 2 or 3 days a week for a second period. This double period allows extended labs in foods and clothing that 1 period just can't permit. Students work a great deal in groups and use the Internet for research projects and in depth work on class projects. Once again all the areas of life skills will be addressed. The level III students will add Wedding Planning, Family living, cross stitching, quilting, foreign foods and eating disorders to the basic course curriculum. Notebooks are required and students will work closely in group activities. Computer work, class discussion and participation are an important part of this class.

This class could be taken for  
A Lab fee of \$15.00 is required.

|                      |                                |                       |
|----------------------|--------------------------------|-----------------------|
| <b>Department:</b>   | Home Economics                 |                       |
| <b>Course Title:</b> | Family & Consumer Sciences III |                       |
| <b>Catalog #</b>     | 230030                         |                       |
| <b>Prerequisite:</b> | Family & Consumer Sciences II  |                       |
| <b>Grade Level</b>   | <b>Length</b>                  | <b>Credit</b>         |
| 10-12                | Semester                       | One Half              |
| <b>Instructor:</b>   | D. Cooley                      | <b>Period Offered</b> |
|                      |                                | 6 7                   |

**Family & Consumer Sciences III** is an upper level class. There is a mix of students from all 3 courses. It is a lab class which meets every day for 1 period and either 2 or 3 days a week for a second period. This double period allows extended labs in foods and clothing that 1 period just can't permit. Students work a great deal in groups and use the Internet for research projects and in depth work on class projects. Once again all the areas of life skills will be addressed. The level III students will add Wedding Planning, Family living, cross stitching, quilting, foreign foods and eating disorders to the basic course curriculum. Notebooks are required and students will work closely in group activities. Computer work, class discussion and participation are an important part of this class.

This class could be taken for  
A Lab fee of \$15.00 is required.

# Shadyside High School

## Course Descriptions

| <p><b>Department:</b> Home Economics<br/> <b>Course Title:</b> Family &amp; Consumer Sciences IV<br/> <b>Catalog #</b><br/>           2344<br/> <b>Prerequisite:</b> Family &amp; Consumer Sciences III</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p><b>Instructor:</b> D. Cooley      <b>Period Offered</b><br/>           6 7</p>                           | Grade Level | Length   | Credit | 10-12 | Full Year | One      | <p><b>Family &amp; Consumer Sciences IV</b> is an upper level class. There is a mix of students from all 3 courses. It is a lab class which meets every day for 1 period and either 2 or 3 days a week for a second period. This double period allows extended labs in foods and clothing that 1 period just can't permit. Students work a great deal in groups and use the Internet for research projects and in depth work on class projects. The level IV students will create a recipe book along with the foods unit, design a kitchen layout, add alteration and home sewing to the clothing unit. They also will design a floor plan for a house. Notebooks are required and students will work closely in group activities. Computer work, class discussion and participation are an important part of this class.</p>  |
|---|-------------|----------|--------|-------|-----------|----------|---|
| Grade Level   | Length      | Credit   |        |       |           |          |   |
| 10-12   | Full Year   | One      |        |       |           |          |   |
| <p><b>Department:</b> Home Economics<br/> <b>Course Title:</b> Family &amp; Consumer Sciences IV<br/> <b>Catalog #</b><br/>           230040<br/> <b>Prerequisite:</b> Family &amp; Consumer Sciences III</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10-12</td> <td>Semester</td> <td>One Half</td> </tr> </tbody> </table> <p><b>Instructor:</b> D. Cooley      <b>Period Offered</b><br/>           7</p>                       | Grade Level | Length   | Credit | 10-12 | Semester  | One Half | <p><b>Family &amp; Consumer Sciences IV</b> is an upper level class. There is a mix of students from all 3 courses. It is a lab class which meets every day for 1 period and either 2 or 3 days a week for a second period. This double period allows extended labs in foods and clothing that 1 period just can't permit. Students work a great deal in groups and use the Internet for research projects and in depth work on class projects. Once again all the areas of life skills will be addressed. The level IV students will create a recipe book along with the foods unit, design a kitchen layout, add alteration and home sewing to the clothing unit. They also will design a floor plan for a house. Notebooks are required and students will work closely in group activities. Computer work, class discussion and participation are an important part of this class.</p> |
| Grade Level   | Length      | Credit   |        |       |           |          |   |
| 10-12   | Semester    | One Half |        |       |           |          |   |
| <p><b>Department:</b> Home Economics<br/> <b>Course Title:</b> Independent Study<br/>           (Advanced Stitchery)<br/> <b>Catalog #</b><br/>           230100<br/> <b>Prerequisite:</b> Family &amp; Consumer Sciences, I, II and III</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td></td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p><b>Instructor:</b> D. Cooley      <b>Period Offered</b><br/>           3</p> | Grade Level | Length   | Credit |       | Full Year | One      | <p>This is an upper level class designed for students with a strong foundation in all areas of stitchery. They will work at their own pace in the areas of machine sewing or hand sewing. They could design and make a garment one 9 weeks and quilt or embroider the next. All projects will be approved in advance.</p>   |
| Grade Level   | Length      | Credit   |        |       |           |          |   |
|   | Full Year   | One      |        |       |           |          |   |
| <p><b>Department:</b> Industrial Arts<br/> <b>Course Title:</b> Drafting I<br/> <b>Catalog #</b><br/>           100300<br/> <b>Prerequisite:</b> General Shop and Woodworking<br/>           Only offered to Vo-Tech Students</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p><b>Instructor:</b> J. Frye      <b>Period Offered</b><br/>           8</p>         | Grade Level | Length   | Credit | 10-12 | Full Year | One      | <p><b>DRAFTING I</b></p> <p>This course will teach fundamentals in drafting skills and techniques. A wide range of topics will be covered including: multi view drawings, dimensioning, sectional, pictorials, pattern development architectural, and computer aided drafting. Students will be exposed to basic manufacturing and construction prints along with the symbols that represent working materials. All of the students' work will be plotted and kept in a portfolio along with a disk that they may take with them at the end of the course.</p>  |
| Grade Level   | Length      | Credit   |        |       |           |          |   |
| 10-12   | Full Year   | One      |        |       |           |          |   |

# Shadyside High School

## Course Descriptions

**Department:** Industrial Arts  
**Course Title:** Drafting II  
**Catalog #**  
 100320  
**Prerequisite:** Drafting I  
 Only offered to Vo-Tech Students

| Grade Level | Length    | Credit |
|-------------|-----------|--------|
| 11-12       | Full Year | One    |

**Instructor:** J. Frye                      **Period Offered**  
 8

### DRAFTING II

Students will have already completed Drafting I. AutoCAD will be utilized extensively. Students will be introduced to more technical advanced mechanical drawings as well as more detailed architectural drawings. All of the students' work will be plotted and kept in a portfolio along with a disk that they may take with them at the end of the course.

**Department:** Industrial Arts  
**Course Title:** Drafting III  
**Catalog #**  
 100330  
**Prerequisite:** Drafting II  
 Only offered to Vo-Tech Students

| Grade Level | Length    | Credit |
|-------------|-----------|--------|
| 12          | Full Year | One    |

**Instructor:** J. Frye                      **Period Offered**  
 8

### DRAFTING III

Students will have already completed Drafting II. AutoCAD will be utilized extensively. Students will be introduced to more technical advanced mechanical drawings as well as more detailed architectural drawings. All of the students' work will be plotted and kept in a portfolio along with a disk that they may take with them at the end of the course.

**Department:** Industrial Arts  
**Course Title:** General Shop I 10,11, 12  
**Catalog #**  
 100000  
**Prerequisite:** preferred 10,11, 12

| Grade Level | Length    | Credit |
|-------------|-----------|--------|
| 10-12       | Full Year | One    |

**Instructor:** J. Frye                      **Period Offered**  
 3 6 7

### GENERAL SHOP I

*18 weeks of woodworking and 18 weeks of metalworking*

This course involves exposure to basic shop processes and manufacturing of a project. hand tools and primary power tools will be covered with an emphasis put on safety.

Metalworking introduces students to oxyacetylene welding, arc, and mig welding. Also covered will be sheet metal fabrication and metal casting. Safety practices and procedures will be emphasized.

**Department:** Industrial Arts  
**Course Title:** General Shop I Grade 9  
**Catalog #**  
 100001  
**Prerequisite:** Grade 9 preferred

| Grade Level | Length    | Credit |
|-------------|-----------|--------|
| 9           | Full Year | One    |

**Instructor:** J. Frye                      **Period Offered**  
 4

### GENERAL SHOP I

*18 weeks of woodworking and 18 weeks of metalworking*

This course involves exposure to basic shop processes and manufacturing of a project. hand tools and primary power tools will be covered with an emphasis put on safety.

Metalworking introduces students to oxyacetylene welding, arc, and mig welding. Also covered will be sheet metal fabrication and metal casting. Safety practices and procedures will be emphasized.

# Shadyside High School

## Course Descriptions

|   |   |
|---|---|
| <p><b>Department:</b> Industrial Arts<br/> <b>Course Title:</b> General Shop II<br/> <b>Catalog #</b><br/>           100002<br/> <b>Prerequisite:</b> Shop 1</p> <p><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>           10-12              Full Year      One</p> <p><b>Instructor:</b> J. Frye      <b>Period Offered</b><br/>              3 6 7</p>                      | <p><b>GENERAL SHOP II</b></p> <p><i>18 weeks of woodworking and 18 weeks of metalworking</i></p> <p>Students can continue to pursue hands on, project oriented interests in this course. This will be offered within the woodworking and metalworking class. A more independent course work offering in regards to shop assignments and projects. Continued emphasis will be placed on safety precautions and equipment.</p>  |
| <p><b>Department:</b> Industrial Arts<br/> <b>Course Title:</b> General Shop III<br/> <b>Catalog #</b><br/>           100003<br/> <b>Prerequisite:</b> Period 1 is Vo-tech only</p> <p><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>           11-12              Full Year      One</p> <p><b>Instructor:</b> J. Frye      <b>Period Offered</b><br/>              1 3 6 7</p> | <p><b>GENERAL SHOP III</b></p> <p><i>18 weeks of woodworking and 18 weeks of metalworking</i></p> <p>Continuation of General Shop II with more emphasis put on stationary power equipment. More processes will be covered using heavier equipment. There will be a continuation of safety practices and procedures in the production of quality projects. In the metals course, processes will be expanded in the areas of sheet metal fabrication, welding, and metal casting. Machining will also be introduced. Basic operations of the metal lathe shaper, grinder will be covered with safety practices.</p> |
| <p><b>Department:</b> Industrial Arts<br/> <b>Course Title:</b> General Shop IV<br/> <b>Catalog #</b><br/>           100004<br/> <b>Prerequisite:</b> Shop 3</p> <p><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>           12                  Full Year      One</p> <p><b>Instructor:</b> J. Frye      <b>Period Offered</b><br/>              3 6 7</p>                     | <p><b>GENERAL SHOP IV</b></p> <p><i>18 weeks of woodworking and 18 weeks of metalworking</i></p> <p>This will be offered for the students that have serious interest in woodworking. More independence will be given in the area of project/assignment complexity. Wood joinery and assembly will utilize most of the equipment available in the lab. A strong emphasis on safety will be incorporated.</p> <p>Metalworking will also include more complex assignments. Vertical welding, aluminum welding, split metal castings, machining, and threading operations will be covered.</p>                        |
| <p><b>Department:</b> Industrial Arts<br/> <b>Course Title:</b> General Shop V<br/> <b>Catalog #</b><br/>           100005<br/> <b>Prerequisite:</b> Period 1 is Vo-tech only</p> <p><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>           12                  Full Year      One</p> <p><b>Instructor:</b> J. Frye      <b>Period Offered</b><br/>              1 6 7</p>    | <p><b>GENERAL SHOP V</b></p> <p><i>18 weeks of woodworking and 18 weeks of metalworking</i></p> <p>This will be offered for the students that have serious interest in woodworking. More independence will be given in the area of project/assignment complexity. Wood joinery and assembly will utilize most of the equipment available in the lab. A strong emphasis on safety will be incorporated.</p> <p>Metalworking will also include more complex assignments. Vertical welding, aluminum welding, split metal castings, machining, and threading operations will be covered.</p>                         |



# Shadyside High School

## Course Descriptions

|  |  |
|--|--|
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> English 9 (required)<br/> <b>Catalog #</b><br/>                     050221<br/> <b>Prerequisite:</b> None</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>                     9                      Full Year              One</p> <p><b>Instructor:</b> K. Fleming                      <b>Period Offered</b><br/>                     1 6</p>  | <p>This course is designed to introduce students to the structured format of high school classes. Students will divide their time between literature works, writing skills, and independently reading novels. Activities, assignments, and projects of all types, written and artistic, will be aimed to reach all learning types. Students will gain a deeper understanding and appreciation for short stories, poems, novels, and plays. Students will be encouraged to publish their writing and practice word processing on computers. Oral discussions will strongly be encouraged and class presentations and speeches will be included as well. Students will also do grammar work daily throughout the year.</p>   |
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> Honors English 9<br/> <b>Catalog #</b><br/>                     059916<br/> <b>Prerequisite:</b><br/>                     1. 4.0 average in English 8<br/>                     2. Summer Reading</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>                     9                      Full Year              1</p> <p><b>Instructor:</b> K. Fleming                      <b>Period Offered</b><br/>                     3</p>   | <p>Honors English 9 is an accelerated course for students who have excelled in English 8 with an “A” average. Two or three novels will be assigned as summer reading prior to the beginning of the class. Students will be tested on and compose essays for these summer novels at the start of the year. Creative thinking skills will be strengthened through the study of different genres and themes throughout the year. The course will involve literary analysis of short stories and novels, oral communication, poetry, drama, research, vocabulary development, grammar, and creative writing. Journals will also be kept for the class, and projects, both oral and written, will be required.</p>  |
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> English 10 (required)<br/> <b>Catalog #</b><br/>                     050222<br/> <b>Prerequisite:</b> English 9</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>                     10                      Full Year              One</p> <p><b>Instructor:</b> M.J. Jepson                      <b>Period Offered</b><br/>                     6 8</p>  | <p><b>This course is divided into two major areas:</b><br/> <b>Communication</b>--One semester will address the life skill of communication. Students will learn the basic communication model, characteristics of a competent communicator, the role of self-esteem as it relates to communication, and the impediments to effective communication. Students will have the opportunity to practice acquired skills in both individual and group communication activities. They will also study usage skills throughout the year through exercises and essay writing.<br/> <b>World Literature</b>--Students will examine universal themes present in the writings of authors from a variety of nations and cultures. They will study the connection between culture and literary themes as presented in various genres. Students will continue to develop writing skills by responding to these works and will build vocabulary through reading.</p>          |
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> Honors English 10<br/>                     *Weighted Course*<br/> <b>Catalog #</b><br/>                     059999<br/> <b>Prerequisite:</b><br/>                     1. Must have “4.0 average in English 9<br/>                     2. Completion of summer readings</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b><br/>                     10                      Full Year              One</p> <p><b>Instructor:</b> M.J. Jepson                      <b>Period Offered</b><br/>                     3</p> | <p>The course will address various genres of <b>world literature</b>. Students will read and analyze theme characterizations, plot development, complications, conflicts and resolution of conflicts. The literature of writers from various cultures, nations and ethnicities will be studied. Students will develop writing skills by responding to these literary selections. Vocabulary development is addressed through literature and outside reading sources.</p> <p><b>Oral communication skills</b> are the second major area addressed in this course. Students will learn the basic communication model, and the manner in which it relates to the concept of being an effective communicator. Students will be expected to present a variety of brief speeches during this segment of the course.</p> <p>SUMMER READING IS A REQUIREMENT FOR THIS COURSE. EVALUATION OF SUMMER READING TAKES PLACE UPON RETURN TO SCHOOL IN THE FALL SEMESTER.</p> |

# Shadyside High School

## Course Descriptions

| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> English 11(required)<br/> <b>Catalog #</b><br/>                     050223<br/> <b>Prerequisite:</b> English 9 and 10</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p><b>Instructor:</b> K. Fleming      <b>Period Offered</b><br/>                     2 8</p>  | Grade Level | Length | Credit | 11 | Full Year | One | <p>This course is designed to provide extensive opportunities for students to develop strong communication skills, particularly in the areas of reading, writing, listening, and viewing. Students will learn to critically evaluate numerous forms of American literature from each of the historical periods. Plays, classic and contemporary novels, pamphlets, biographies, diaries, speeches, poems, and short stories will all be studied, and speeches and presentations will be incorporated into the lessons. Through the writing process, students will practice basic techniques of composing essays and preparing research. Also, preparation for standardized tests such as the ACT and SAT will be covered. Students should be prepared to think, write, and create. Students will do vocabulary work and maintain journals throughout the year.</p> |
|--|-------------|--------|--------|----|-----------|-----|--|
| Grade Level  | Length      | Credit |        |    |           |     |  |
| 11   | Full Year   | One    |        |    |           |     |  |
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> Honors English 11<br/>                     *Weighted Course*<br/> <b>Catalog #</b><br/>                     059914<br/> <b>Prerequisite:</b></p> <ol style="list-style-type: none"> <li>1) "4.0" Average in English 9 &amp;10</li> <li>2) Recommendation from English 10 teacher</li> <li>3. Completion of summer readings</li> </ol> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p><b>Instructor:</b> M.J. Jepson      <b>Period Offered</b><br/>                     5</p> | Grade Level | Length | Credit | 11 | Full Year | One | <p>Designed for the highly skilled junior, Honors English Literature and Composition 11 is a challenging college-level literature and writing course. Vocabulary development and writing skill will be addressed in this course. Students will read, analyze, and write about numerous selections from a number of texts.</p> <p style="text-align: center;"><b>SUMMER READINGS ARE A REQUIREMENT FOR THIS COURSE AND EVALUATION OF THOSE READINGS TAKES PLACE IMMEDIATELY UPON RETURN TO SCHOOL IN THE FALL.</b></p>  |
| Grade Level  | Length      | Credit |        |    |           |     |  |
| 11   | Full Year   | One    |        |    |           |     |  |
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> English 12 (required)<br/> <b>Catalog #</b><br/>                     050224<br/> <b>Prerequisite:</b> English 9, 10 and 11</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p><b>Instructor:</b> M.J. Jepson      <b>Period Offered</b><br/>                     2 6</p>  | Grade Level | Length | Credit | 12 | Full Year | One | <p>This course will involve the study of various forms of British Literature. Students will read representative works from each historical period and respond to these through critical essays. Additionally, students will examine various study techniques and apply them to their present course of study. Practice college applications and essays will be completed by each student in preparation for their actual application procedures. Students will also continue to develop vocabulary skills through all course activities. Students will also be taught the basic elements of public speaking and will demonstrate a competency in this area by presenting various types of speeches.</p>  |
| Grade Level  | Length      | Credit |        |    |           |     |  |
| 12   | Full Year   | One    |        |    |           |     |  |
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> Honors English 12<br/>                     *Weighted Course*<br/> <b>Catalog #</b><br/>                     050225<br/> <b>Prerequisite:</b></p> <ol style="list-style-type: none"> <li>1. "4.0" average in English 11</li> <li>2. Completion of summer readings</li> </ol> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>1 Year</td> <td>One</td> </tr> </tbody> </table> <p><b>Instructor</b> M.J. Jepson      <b>Period Offered</b><br/>                     1</p>   | Grade Level | Length | Credit | 12 | 1 Year    | One | <p>This course is designed for college-bound students who are capable of reading, interpreting, and assimilating material at a much faster pace. Students will be expected to respond in both written and oral format. Students selecting this course should understand that the demands of any honors course exceed those of the standard English course.</p> <p style="text-align: center;"><b>SUMMER READING IS A REQUIREMENT OF THIS COURSE, NOT AN OPTION.</b></p> <p style="text-align: center;"><b>PRIOR APPROVAL OF THE HONORS ENGLISH TEACHER IS REQUIRED FOR ADMITTANCE TO THIS COURSE. A STUDENT MUST HAVE AN AVERAGE IN ENGLISH TO TAKE THIS COURSE.</b></p>   |
| Grade Level  | Length      | Credit |        |    |           |     |  |
| 12   | 1 Year      | One    |        |    |           |     |  |

# Shadyside High School

## Course Descriptions

|   |  |
|---|--|
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> Journalism 1<br/>           (Full year)<br/> <b>Catalog #</b><br/>           059910<br/> <b>Prerequisite:</b> English 9 - B Average or above<br/>           Minimum 3.0 GPA<br/>           Essay</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b></p> <p style="text-align: center;">10-12                  Full                  One</p> <p><b>Instructor:</b> K. Fleming      <b>Period Offered</b><br/>           4</p>         | <p>This course is designed for the student who is interested in yearbook and newspaper publication. All elements of yearbook and newspaper production will be discussed, including group skills, independent learning, designing layouts, desktop publishing, photography skills (digital and film), writing captions and headlines, time management, and advertising sales, creation, and production with a main emphasis on the writing process. Students will be responsible for the practical aspects of publishing the high school yearbook, <i>The Shadean</i>, the monthly School Board Upbeat, and the school newspaper, <i>Orange et Noir</i>. This class will include occasional required assignments outside of class.</p> <p>* Maximum 12 Students</p> |
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> Journalism 2<br/>           (Full year)<br/> <b>Catalog #</b><br/>           059911<br/> <b>Prerequisite:</b> Journalism 1<br/>           English - B Average or above<br/>           Minimum 3.0 GPA</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b></p> <p style="text-align: center;">11-12                  Full                  One</p> <p><b>Instructor:</b> K. Fleming      <b>Period Offered</b><br/>           4</p>    | <p>This course is designed for the student who is interested in yearbook and newspaper publication. All elements of yearbook and newspaper production will be discussed, including group skills, independent learning, designing layouts, photography skills (digital and film), writing captions and headlines, time management, advertising sales, creation, and production, with a main emphasis on the writing process. Students will be responsible for the practical aspects of publishing the high school yearbook, <i>The Shadean</i>, the monthly school board upbeat, and the school newspaper, <i>Orange et Noir</i>. This class will include occasional required assignments outside of class.</p> <p>* Maximum 12 Students</p>                        |
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> Journalism 3<br/>           (Full year)<br/> <b>Catalog #</b><br/>           059912<br/> <b>Prerequisite:</b> Journalism 2<br/>           English 9 - B Average or above<br/>           Minimum 3.0 GPA</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b></p> <p style="text-align: center;">12                      Full                  One</p> <p><b>Instructor:</b> K. Fleming      <b>Period Offered</b><br/>           4</p> | <p>This course is designed for the student who is interested in yearbook and newspaper publication. All elements of yearbook and newspaper production will be discussed, including group skills, independent learning, designing layouts, photography skills (digital and film), writing captions and headlines, time management, advertising sales, creation, and production, with a main emphasis on the writing process. Students will be responsible for the practical aspects of publishing the high school yearbook, <i>The Shadean</i>, the monthly school board upbeat, and the school newspaper, <i>Orange et Noir</i>. This class will include occasional assignments outside of class.</p> <p>* Maximum 12 Students</p>                                 |
| <p><b>Department:</b> Language Arts<br/> <b>Course Title:</b> Journalism 4<br/>           (full year)<br/> <b>Catalog #</b><br/>           059913<br/> <b>Prerequisite:</b> Journalism 3<br/>           English- B Average or above<br/>           Minimum 3.0 GPA</p> <p style="text-align: center;"><b>Grade Level</b>      <b>Length</b>      <b>Credit</b></p> <p style="text-align: center;">12                      Full                  One</p> <p><b>Instructor:</b> K. Fleming      <b>Period Offered</b><br/>           4</p>    | <p>This course is designed for the student who is interested in yearbook and newspaper publication. All elements of yearbook and newspaper production will be discussed, including group skills, independent learning, designing layouts, photography skills (digital and film), writing captions and headlines, time management, advertising sales, creation, and production, with a main emphasis on the writing process. Students will be responsible for the practical aspects of publishing the high school yearbook, <i>The Shadean</i>, the monthly school board upbeat, and the school newspaper, <i>Orange et Noir</i>. This class will include occasional required assignments outside of class.</p> <p>* Maximum 12 Students</p>                        |

# Shadyside High School

## Course Descriptions

| <p><b>Department:</b> Language Arts</p> <p><b>Course Title:</b> O.G.T. Prep/Intervention</p> <p><b>Catalog #</b><br/>050014</p> <p><b>Prerequisite:</b> None</p><br><table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9-11</td> <td>as per need</td> <td></td> </tr> </tbody> </table><br><p><b>Instructor:</b> K. Fleming</p> <p style="text-align: right;"><b>Period Offered</b><br/>7</p>   | Grade Level | Length | Credit | 9-11  | as per need |     | <p>This course is designed to familiarize students with the Ohio Graduation Test that is a graduation requirement. Students will receive a comprehensive review of all five test areas that include reading , writing, mathematics, science and social studies. Students will be aware of test expectations and complete diagnostic evaluations with remediation focusing on weak areas. Upon completion of the March test, all sophomores will acquire study skills to enhance their classroom abilities. Study Island will be utilized for review as well on-line.</p> <p>Pull out students from period 7 studyhall opposite gym are targeted for OGT prep. Students who have failed any one part are targeted.</p> |
|---|-------------|--------|--------|-------|-------------|-----|---|
| Grade Level   | Length      | Credit |        |       |             |     |   |
| 9-11  | as per need |        |        |       |             |     |   |
| <p><b>Department:</b> Mathematics</p> <p><b>Course Title:</b> Algebra 1</p> <p><b>Catalog #</b><br/>110301</p> <p><b>Prerequisite:</b> It is strongly suggested that any student who has not passed the 8th grade math achievement test NOT take Algebra 1.</p><br><table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table><br><p><b>Instructors:</b> J. Apicella</p> <p style="text-align: right;"><b>Period Offered</b><br/>2 3 6 7</p> | Grade Level | Length | Credit | 9-12  | Full Year   | One | <p>The State Standards will be integrated with Algebra concepts. Computation of the real number system using basic properties and solving linear and quadratic equations will be mastered. Addition, subtraction , multiplication and division, along with factoring of polynomials will be emphasized. Study of the coordinate graph system and calculating slopes, along with analysis of data and various problem solving techniques will be covered.</p>  |
| Grade Level   | Length      | Credit |        |       |             |     |   |
| 9-12  | Full Year   | One    |        |       |             |     |   |
| <p><b>Department:</b> Mathematics</p> <p><b>Course Title:</b> Algebra 2</p> <p><b>Catalog #</b><br/>110302</p> <p><b>Prerequisite:</b> Geometry, Algebra 1, "C" Average or Above</p><br><table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table><br><p><b>Instructor:</b> E. Andes</p> <p style="text-align: right;"><b>Period Offered</b><br/>2 5</p>   | Grade Level | Length | Credit | 10-12 | Full Year   | One | <p>This is a continuation of Algebra 1. A certain level of mastery is expected. For that reason a C average or better in Algebra 1 is strongly recommended. This course continues with subjects that are begun in first year. Functions and their graphs are studied in depth. You must have Algebra 1 before taking this course. You must have had or must be taking Geometry.</p>   |
| Grade Level   | Length      | Credit |        |       |             |     |   |
| 10-12   | Full Year   | One    |        |       |             |     |   |
| <p><b>Department:</b> Mathematics</p> <p><b>Course Title:</b> Calculus</p> <p><b>Catalog #</b><br/>110611</p> <p><b>Prerequisite:</b> Pre-Calculus<br/>"C" Average or Above<br/>*Weighted Course*</p><br><table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table><br><p><b>Instructor:</b> J. Apicella</p> <p style="text-align: right;"><b>Period Offered</b><br/>5</p>  | Grade Level | Length | Credit | 12    | Full Year   | One | <p>This course takes an in-depth look at the limits of functions. State Standards will be integrated in this course. Differentiation and integration of functions will be covered along with applications dealing with related rates, velocity and extreme values. Graphical and algebraic representation of lines, curves and conic sections will be examined. Analysis of arithmetic and geometric sequence and series will be covered.</p>   |
| Grade Level   | Length      | Credit |        |       |             |     |   |
| 12  | Full Year   | One    |        |       |             |     |   |

# Shadyside High School

## Course Descriptions

| <p><b>Department:</b> Mathematics</p> <p><b>Course Title:</b> Developmental Algebra</p> <p><b>Catalog #</b><br/>111101</p> <p><b>Prerequisite:</b> None</p><br><table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table><br><p><b>Instructor:</b> E. Andes</p> <p style="text-align: right;"><b>Period Offered</b><br/>3 4</p>                         | Grade Level | Length | Credit | 9-12  | Full Year | One | <p>This course should be taken by any student who plans to either complete math requirements or wants to take Algebra 1. Basic mathematical concepts are reviewed with an introduction to algebraic concepts. Students will also develop problem solving techniques with applications to real life situations.</p>  |
|--|-------------|--------|--------|-------|-----------|-----|---|
| Grade Level  | Length      | Credit |        |       |           |     |   |
| 9-12   | Full Year   | One    |        |       |           |     |   |
| <p><b>Department:</b> Mathematics</p> <p><b>Course Title:</b> Geometry</p> <p><b>Catalog #</b><br/>111200</p> <p><b>Prerequisite:</b> Algebra 1</p><br><table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table><br><p><b>Instructors:</b> D. Fleming</p> <p style="text-align: right;"><b>Period Offered</b><br/>4 5 8</p>                            | Grade Level | Length | Credit | 9-12  | Full Year | One | <p>Geometry is the branch of mathematics that deals with points, lines, angles, polygons, and circles; examining their properties, measurements and relations to one another in space. Students will develop logical thinking skills in both a deductive and inductive way.</p>   |
| Grade Level  | Length      | Credit |        |       |           |     |   |
| 9-12   | Full Year   | One    |        |       |           |     |   |
| <p><b>Department:</b> Mathematics</p> <p><b>Course Title:</b> Math Applications</p> <p><b>Catalog #</b><br/>111104</p> <p><b>Prerequisite:</b> None</p><br><table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9-10</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table><br><p><b>Instructor:</b> E. Andes</p> <p style="text-align: right;"><b>Period Offered</b><br/>1</p>                               | Grade Level | Length | Credit | 9-10  | Full Year | One | <p>This course builds basic computational skills along with problem solving techniques. The first semester concentrates on adding, subtracting, multiplying, and dividing whole numbers, decimals and fractions. The second semester will be devoted to ratios, percents, measurements, and basic geometric concepts. A strong emphasis will be placed on applications of all concepts and OGT Proficiency Test preparation.</p>  |
| Grade Level  | Length      | Credit |        |       |           |     |   |
| 9-10   | Full Year   | One    |        |       |           |     |   |
| <p><b>Department:</b> Mathematics</p> <p><b>Course Title:</b> Pre-Calculus</p> <p><b>Catalog #</b><br/>110610</p> <p><b>Prerequisite:</b> Algebra 2,<br/>"C" Average or Above</p><br><table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>11-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table><br><p><b>Instructor:</b> J. Apicella</p> <p style="text-align: right;"><b>Period Offered</b><br/>1</p> | Grade Level | Length | Credit | 11-12 | Full Year | One | <p>This course investigates advanced algebraic topics and prepares students for calculus. State Standards will be integrated into this subject. We will take an in-depth look at linear and quadratic functions and their graphs. Graphing calculators will be a significant tool. Matrices will be used to represent and solve applications. The use of trigonometric relationships to solve right triangles and equations will be a major part of the 2nd semester. Conic sections, series and sequences, logarithms, and limits are just a few other topics briefly covered. You must have had Algebra 1, Geometry, and Algebra 2 before taking this course.</p> |
| Grade Level  | Length      | Credit |        |       |           |     |   |
| 11-12  | Full Year   | One    |        |       |           |     |   |

# Shadyside High School

## Course Descriptions

| <p><b>Department:</b> Musical Arts</p> <p><b>Course Title:</b> Band</p> <p><b>Catalog #</b><br/>120500</p> <p><b>Prerequisite:</b> Ability to play an instrument for marching band.</p>  | <p>High School Band is a one year course worth one credit. It is available to students grades 9-12 provided they have a level of musical ability required to play an instrument for marching band. If a student has not been in the middle school program, but has studied a musical instrument via a private instructor, an audition is required with the band director so that the student's proficiency may be determined. A student must participate in marching band and concert band. If a schedule can be worked out between the director, coach or advisor, it is possible for these students to participate in both marching and concert band to receive full credit. It is important to note that summer rehearsals and band camp are requirements for marching band. Cost for band include a musical instrument, summer uniform, marching shoes, band camp, and supplies (reeds, valve oil, lyres, sticks, etc.) Students who are involved in football and cheering may receive one half credit.</p> <p><b>SPECIAL NOTE:</b> Every effort is made to minimize conflicts between band and extra-curricular activities.</p> |              |        |      |                            |              |  |
|--|--|--------------|--------|------|----------------------------|--------------|--|
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p><b>Instructor:</b> D. Meyer</p> <p style="text-align: right;"><b>Period Offered</b><br/>8</p>                             | Grade Level  | Length       | Credit | 9-12 | Full Year                  | One          |  |
| Grade Level  | Length   | Credit       |        |      |                            |              |  |
| 9-12   | Full Year  | One          |        |      |                            |              |  |
| <p><b>Department:</b> Physical Education</p> <p><b>Course Title:</b> Physical Education (9)(required)</p> <p><b>Catalog #</b><br/>5001</p> <p><b>Prerequisite:</b> None</p>  | <p>P. E. 9 is a half of a semester class where the students experience various activities five days per week. The main objective in the 9th grade P.E. class is to reinforce team and lifetime sports. Such activities include basketball, whiffleball, two hand touch football, soccer, volleyball, and badminton. The students are expected to know the rules to each of these activities and be able to follow them in competition.</p>   |              |        |      |                            |              |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>Semester</td> <td>One Fourth</td> </tr> </tbody> </table> <p><b>Instructor:</b> H. Ging</p> <p style="text-align: right;"><b>Period Offered</b><br/>5 7</p>                         | Grade Level  | Length       | Credit | 9    | Semester                   | One Fourth   |  |
| Grade Level  | Length   | Credit       |        |      |                            |              |  |
| 9  | Semester   | One Fourth   |        |      |                            |              |  |
| <p><b>Department:</b> Physical Education</p> <p><b>Course Title:</b> Physical Education/Health (10) (required)</p> <p><b>Catalog #</b><br/>8000</p> <p><b>Prerequisite:</b> None</p>   | <p>P.E. 10 is taken two days per week all year long. Team and lifetime sports are reinforced at this level. Such activities include basketball, whiffleball, two hand touch football, soccer, volleyball, and badminton. The students are expected to know the rules to each of these activities and be able to follow them in competition.</p>  |              |        |      |                            |              |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Health 3 Days<br/>PE 2 days</td> <td>Three Fourth</td> </tr> </tbody> </table> <p><b>Instructor:</b> H. Ging</p> <p style="text-align: right;"><b>Period Offered</b><br/>1 3 6</p> | Grade Level  | Length       | Credit | 10   | Health 3 Days<br>PE 2 days | Three Fourth |  |
| Grade Level  | Length   | Credit       |        |      |                            |              |  |
| 10   | Health 3 Days<br>PE 2 days   | Three Fourth |        |      |                            |              |  |
| <p><b>Department:</b> Physical Education</p> <p><b>Course Title:</b> Physical Education/Health (10) (required)</p> <p><b>Catalog #</b><br/>8000</p> <p><b>Prerequisite:</b> None</p>   | <p>P.E. 10 is taken two days per week all year long. Team and lifetime sports are reinforced at this level. Such activities include basketball, whiffleball, two hand touch football, soccer, volleyball, and badminton. The students are expected to know the rules to each of these activities and be able to follow them in competition.</p>  |              |        |      |                            |              |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Health 3 Days<br/>PE 2 days</td> <td>Three Fourth</td> </tr> </tbody> </table> <p><b>Instructor:</b> H. Ging</p> <p style="text-align: right;"><b>Period Offered</b><br/>1 3 6</p> | Grade Level  | Length       | Credit | 10   | Health 3 Days<br>PE 2 days | Three Fourth |  |
| Grade Level  | Length   | Credit       |        |      |                            |              |  |
| 10   | Health 3 Days<br>PE 2 days   | Three Fourth |        |      |                            |              |  |

# Shadyside High School

## Course Descriptions

| <p><b>Department:</b> Physical Education<br/> <b>Course Title:</b> Physical Education (11-12)<br/> <b>Catalog #</b><br/>           080311<br/> <b>Prerequisite:</b> None</p>  | <p>This class meets five days per week all year long. Team and individual sports are reinforced at this level with students taking part in many different tournament competitions. This class is for the student who wants to stay physically fit and enjoys competition. Weight lifting and aerobic activities may also be a part of this program.</p>  |          |        |       |           |          |  |                |  |     |  |
|---|--|----------|--------|-------|-----------|----------|--|----------------|--|-----|--|
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>11-12</td> <td>Full Year</td> <td>One Half</td> </tr> </tbody> </table> <p style="margin-top: 10px;"><b>Instructor:</b> H. Ging</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: left;">Period Offered</th> </tr> </thead> <tbody> <tr> <td></td> <td>4</td> </tr> </tbody> </table>                   | Grade Level  | Length   | Credit | 11-12 | Full Year | One Half |  | Period Offered |  | 4   |  |
| Grade Level   | Length   | Credit   |        |       |           |          |  |                |  |     |  |
| 11-12   | Full Year  | One Half |        |       |           |          |  |                |  |     |  |
|   | Period Offered   |          |        |       |           |          |  |                |  |     |  |
|   | 4  |          |        |       |           |          |  |                |  |     |  |
| <p><b>Department:</b> Physical Education<br/> <b>Course Title:</b> Weight Training<br/> <b>Catalog #</b><br/>           080999<br/> <b>Prerequisite:</b> None</p>   | <p>This is a basic weight training course in which principles of weight training are discussed and applied to provide a foundation of total body strength and muscle tone either as an end in itself or in preparation for specialization. Basic knowledge relevant to the physiology of strength, muscle power, size and endurance are considered with respect to methods of achieving specific goals.</p>  |          |        |       |           |          |  |                |  |     |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9-12</td> <td>1 Year</td> <td>One Half</td> </tr> </tbody> </table> <p style="margin-top: 10px; margin-left: 40px;"><b>Instructor:</b> Ty Fleming</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: left;">Period Offered</th> </tr> </thead> <tbody> <tr> <td></td> <td>1</td> </tr> </tbody> </table> | Grade Level  | Length   | Credit | 9-12  | 1 Year    | One Half |  | Period Offered |  | 1   |  |
| Grade Level   | Length   | Credit   |        |       |           |          |  |                |  |     |  |
| 9-12  | 1 Year   | One Half |        |       |           |          |  |                |  |     |  |
|   | Period Offered   |          |        |       |           |          |  |                |  |     |  |
|   | 1  |          |        |       |           |          |  |                |  |     |  |
| <p><b>Department:</b> Science<br/> <b>Course Title:</b> Biological Concepts(required if not in Advanced Biology)<br/> <b>Catalog #</b><br/>           132230<br/> <b>Prerequisite:</b> Physical World</p>   | <p>Biological Concepts is designed for those students who do not wish to pursue an individual science area but would rather continue a study of science through their interrelationships. This course examines the relationship between various systems of the body, reproduction and growth, health, cellular biology, plant biology, genetics, classification, and ecology. The course is meant to provide the student with basic knowledge of biological concepts. It is designed for the student pursuing the general program.</p> |          |        |       |           |          |  |                |  |     |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p style="margin-top: 10px;"><b>Instructor:</b> A. Bushovisky</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: left;">Period Offered</th> </tr> </thead> <tbody> <tr> <td></td> <td>1 2</td> </tr> </tbody> </table>                | Grade Level  | Length   | Credit | 10-12 | Full Year | One      |  | Period Offered |  | 1 2 |  |
| Grade Level   | Length   | Credit   |        |       |           |          |  |                |  |     |  |
| 10-12   | Full Year  | One      |        |       |           |          |  |                |  |     |  |
|   | Period Offered   |          |        |       |           |          |  |                |  |     |  |
|   | 1 2  |          |        |       |           |          |  |                |  |     |  |
| <p><b>Department:</b> Science<br/> <b>Course Title:</b> Advanced Biology<br/>           *Weighted Course*<br/> <b>Catalog #</b><br/>           130200<br/>           Double Period<br/>           Class 6th-Lab 7th<br/> <b>Prerequisite:</b> Physical World<br/>           "C" Average or Above</p>  | <p>A college prep course consisting of the study of LIFE. The course is designed to expose students to the characteristics, anatomical parts, and physiological functions of many sub-cellular to multi-cellular organisms. Course work consists of individual tests, worksheets, projects, research, quizzes, critiques, cooperative working, creative imagineering, lab work, inquiry method, video, multimedia and concept processing skills as they apply to the scientific method in the biological sciences.</p>                 |          |        |       |           |          |  |                |  |     |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p style="margin-top: 10px;"><b>Instructor:</b> L. Kapiskosky</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: left;">Period Offered</th> </tr> </thead> <tbody> <tr> <td></td> <td>6</td> </tr> </tbody> </table>                  | Grade Level  | Length   | Credit | 10-12 | Full Year | One      |  | Period Offered |  | 6   |  |
| Grade Level   | Length   | Credit   |        |       |           |          |  |                |  |     |  |
| 10-12   | Full Year  | One      |        |       |           |          |  |                |  |     |  |
|   | Period Offered   |          |        |       |           |          |  |                |  |     |  |
|   | 6  |          |        |       |           |          |  |                |  |     |  |

# Shadyside High School

## Course Descriptions

| <p><b>Department:</b> Science<br/> <b>Course Title:</b> Chemistry<br/> <b>Catalog #</b><br/>                     132326<br/> <b>Prerequisite:</b> Algebra I, Physical World</p>   | <p>Chemistry 1 is designed as an introduction to a variety of chemistry-related areas. The basic concepts will be covered in depth in both lecture and laboratory. A solid Algebra 1 background is necessary for success in this course.</p>   |        |        |       |           |     |  |
|---|--|--------|--------|-------|-----------|-----|--|
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p style="margin-top: 10px;"><b>Instructor:</b> V. Thornburg      <b>Period Offered</b><br/>                     5 7</p> | Grade Level  | Length | Credit | 10-12 | Full Year | One |  |
| Grade Level   | Length   | Credit |        |       |           |     |  |
| 10-12   | Full Year  | One    |        |       |           |     |  |
| <p><b>Department:</b> Science<br/> <b>Course Title:</b> Advanced Chemistry<br/>                     *Weighted Course*<br/> <b>Catalog #</b><br/>                     1399<br/> <b>Prerequisite:</b> Chemistry 1</p>   | <p>This course is designed for the student needing a more thorough understanding of chemistry. Students planning to further their education in science, professional health fields, or engineering are encouraged to take this course. Success in Chemistry 1 is necessary for success in Advanced Chemistry.</p>  |        |        |       |           |     |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>11-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p style="margin-top: 10px;"><b>Instructor:</b> V. Thornburg      <b>Period Offered</b><br/>                     4</p>   | Grade Level  | Length | Credit | 11-12 | Full Year | One |  |
| Grade Level   | Length   | Credit |        |       |           |     |  |
| 11-12   | Full Year  | One    |        |       |           |     |  |
| <p><b>Department:</b> Science<br/> <b>Course Title:</b> Anatomy and Physiology<br/> <b>Catalog #</b><br/>                     132420<br/> <b>Prerequisite:</b> Advanced Biology and Chemistry 1</p>   | <p>A college prep course intended for those considering a medical or science career. Students will study the anatomy and physiology of the cells, tissues, organs, and systems of the human body.<br/> <b>Animal Dissection Occurs In This Course.</b><br/>                     Students must have taken Advanced Biology and Chemistry 1 with at least a "C" average.</p> |        |        |       |           |     |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>11-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p style="margin-top: 10px;"><b>Instructor:</b> L. Kapiskosky      <b>Period Offered</b><br/>                     4</p>  | Grade Level  | Length | Credit | 11-12 | Full Year | One |  |
| Grade Level   | Length   | Credit |        |       |           |     |  |
| 11-12   | Full Year  | One    |        |       |           |     |  |
| <p><b>Department:</b> Science<br/> <b>Course Title:</b> (Honors) Physics<br/>                     *Weighted Course*<br/> <b>Catalog #</b><br/>                     1395<br/> <b>Prerequisite:</b> Algebra II, Chemistry 1</p>   | <p>Physics is designed for any students planning to further their education in any science related field. The basic concepts of physics will be thoroughly covered through lecture, problem-solving, and laboratory activities. Mathematical approaches to the subject are thoroughly covered.</p>   |        |        |       |           |     |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table> <p style="margin-top: 10px;"><b>Instructor:</b> V. Thornburg      <b>Period Offered</b><br/>                     2</p>      | Grade Level  | Length | Credit | 12    | Full Year | One |  |
| Grade Level   | Length   | Credit |        |       |           |     |  |
| 12  | Full Year  | One    |        |       |           |     |  |





# Shadyside High School

## Course Descriptions

|   |   |               |               |       |           |     |  |
|---|---|---------------|---------------|-------|-----------|-----|--|
| <p><b>Department:</b> Social Studies<br/> <b>Course Title:</b> American History<br/> <b>Catalog #</b><br/>                     150880<br/> <b>Prerequisite:</b> None</p>  | <p>The class will be a survey of American history beginning around 1750 with life in the colonies. We will continue to follow the growth of America to present day. Specific topics will include the Declaration of Independence, the Constitution, the Civil War, Reconstruction, World War I, the Progressive Era, World War II, Civil Rights, the Korean War, the Vietnam War. The course will conclude with a unit on the future of America in an international world.</p>  |               |               |       |           |     |  |
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| 10-11   | Full Year   | One           |               |       |           |     |  |
| <p><b>Instructor:</b> F. Snodgrass</p>  | <p><b>Period Offered</b><br/>                     1 2 4</p>   |               |               |       |           |     |  |
| <p><b>Department:</b> Social Studies<br/> <b>Course Title:</b> World History<br/> <b>Catalog #</b><br/>                     150800<br/> <b>Prerequisite:</b> None</p>   | <p>In this continuing course of study in World History, students will learn about people and culture by looking at some of the enlightenment ideas and how they had enduring effects on political, economic and cultural institutions, including challenges to religious authority, monarch and absolutism. We will explore the causes and effects of the Industrial Revolution with an emphasis on: science and technological changes, growth of population, rural-to-urban migration, emigration out of Europe, the role of labor and the rise of unions, and changes in living and working conditions for the early industrial working class, especially women and children. Also, we will look at the political, economic and social roots of imperialism and try to explain the global impact of imperialism including: modern Japan, social reform in China and the exploitation of African resources. Later in the school year we will look at some conflicts of the 20th century. We will analyze some cause and effects of World War I, the Russian Revolution, the impact of World War I, causes of World War II and its consequences, the fall of the Soviet Union and the end of the Cold War and some of the persistent conflict in the Middle East.</p> |               |               |       |           |     |  |
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| 9   | Full Year   | One           |               |       |           |     |  |
| <p><b>Instructor:</b> M. Henthorn</p>   | <p><b>Period Offered</b><br/>                     2 4 6</p>   |               |               |       |           |     |  |
| <p><b>Department:</b> Social Studies<br/> <b>Course Title:</b> Government<br/> <b>Catalog #</b><br/>                     150300<br/> <b>Prerequisite:</b> American History</p>  | <p>Government is a senior level social studies course. It is a survey course. Topics include: the American political system, comparative political systems, American judicial process, American legislative process, American presidency, parties and interest groups, public opinion and political behavior, civil liberties, and civil rights. The textbook is divided into chapters containing four to six sections. The division allow the material to be broken into easily comprehensible segments.</p>   |               |               |       |           |     |  |
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| <b>Grade Level</b>  | <b>Length</b>   | <b>Credit</b> |               |       |           |     |  |
| 12  | Full Year   | One           |               |       |           |     |  |
| <p><b>Instructor:</b> F. Snodgrass</p>  | <p><b>Period Offered</b><br/>                     7 8</p>   |               |               |       |           |     |  |
| <p><b>Department:</b> Social Studies<br/> <b>Course Title:</b> Honors Government<br/>                     *Weighted Course*<br/> <b>Catalog #</b><br/>                     159918<br/> <b>Prerequisite:</b> "3.75 GPA or higher from the previous school year. It is highly recommended students considering taking this course have a serious interest in the subject.</p> | <p>A strong foundation for political concepts and historical background about the U.S. constitution will be acquired by the students who take this class. We will cover items such as the U.S. constitution to interest groups and the bureaucracy. Stress will be placed on the history of our institutions and comparisons with other democratic nations.</p> <p>* Any student who fails either the midterm or any of the nine week grading periods will be placed in a regular government class for the remainder of the school year.</p>  |               |               |       |           |     |  |
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| 12  | Full Year   | One           |               |       |           |     |  |
| <p><b>Instructor:</b> F. Snodgrass</p>  | <p><b>Period Offered</b><br/>                     6</p>   |               |               |       |           |     |  |

# Shadyside High School

## Course Descriptions

| <p><b>Department:</b> Spanish</p> <p><b>Course Title:</b> Spanish 1</p> <p><b>Catalog #</b><br/>060261</p> <p><b>Prerequisite:</b> "C" average or above in English.</p><br><table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>9-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table><br><p><b>Instructor:</b> N. Ortiz</p> <p style="text-align: right;"><b>Period Offered</b><br/>1 6 8</p>   | Grade Level | Length | Credit | 9-12  | Full Year | One | <p>This course is designed to provide opportunities for students to develop skills in speaking, reading, writing, and the fundamentals of pronunciation, grammar and composition. Students will comprehend and follow simple directions in the target language. They will learn to speak with fluency using simple sentences within the vocabulary and syntactic range. Read and comprehend simple texts and answer questions relating to the reading material. Students will construct simple sentences and write correctly anything learned in the spoken form by being able to take dictation. It will help students comprehend basic, historical information, share in the behavior, beliefs, and values of the Spanish-speaking people. This course is not recommended to students with "D's" or "F's" in English.</p> |
|--|-------------|--------|--------|-------|-----------|-----|---|
| Grade Level  | Length      | Credit |        |       |           |     |   |
| 9-12   | Full Year   | One    |        |       |           |     |   |
| <p><b>Department:</b> Spanish</p> <p><b>Course Title:</b> Spanish 2</p> <p><b>Catalog #</b><br/>060262</p> <p><b>Prerequisite:</b> Spanish 1, Only For College Bound Students with a "C" Average Or Above</p><br><table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>10-12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table><br><p><b>Instructor:</b> N. Ortiz</p> <p style="text-align: right;"><b>Period Offered</b><br/>2 3 5</p>                                | Grade Level | Length | Credit | 10-12 | Full Year | One | <p>This class continues to develop skill in speaking Spanish with a greater degree of accuracy in pronunciation. Students will be able to respond orally to complex questions and directions, read with greater facility in Spanish, and become more proficient in writing correctly. They will continue to acquire knowledge of the cultural and historical background of the countries where Spanish is spoken. Spanish 2 students must have successfully completed Spanish 1. (A grade lower than a "C" in Spanish 1 does not give the student a good basis for Spanish 2).</p>  |
| Grade Level  | Length      | Credit |        |       |           |     |   |
| 10-12  | Full Year   | One    |        |       |           |     |   |
| <p><b>Department:</b> Spanish</p> <p><b>Course Title:</b> Spanish 4 (independent study)</p> <p><b>Catalog #</b><br/>060264</p> <p><b>Prerequisite:</b> Spanish 1, 2 And 3 With At Least a "B" Average In Spanish 3, Instructor Approval Needed.</p><br><table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade Level</th> <th style="text-align: left;">Length</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Full Year</td> <td>One</td> </tr> </tbody> </table><br><p><b>Instructor:</b> N. Ortiz</p> <p style="text-align: right;"><b>Period Offered</b><br/>7</p> | Grade Level | Length | Credit | 12    | Full Year | One | <p>This class is an independent participation class, content is arranged by the instructor.</p>   |
| Grade Level  | Length      | Credit |        |       |           |     |   |
| 12   | Full Year   | One    |        |       |           |     |   |