



Bishop O'Dowd  
High School

FINDING GOD IN ALL THINGS



# COURSE CATALOG

2022-2023



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**Bishop O'Dowd  
High School**

Dear Students and Parents,

It is our pleasure to present the Course Catalog for 2022-2023. You will find useful and exciting course information which will help you plan your educational career at Bishop O'Dowd High School. As always, we offer a wide range of engaging courses.

We invite you to carefully and thoughtfully review this material and make selections that promise a successful, joyous year ahead. Choose courses that not only fulfill requirements but match your passions. Be sure to review course prerequisites and think not only for next year but the rest of your high school career. If you have questions about specific courses, reach out to the teachers to find out more about what the course entails. We want you to be challenged to grow, and we want to support you in that journey. We also want you to consider all of your commitments as you decide on your courses to make sure that you have enough time to fulfill them and to take care of yourself.

For additional information on the course request process, we have scheduled the following meetings:

**Student & Family Course Information Night (via Zoom)**

Tuesday, January 11, 2022  
7:00 p.m. to 8:00 p.m.

**AP Course Information Sessions (via Zoom)**

January 12–14, 2022  
Various Times – See [AP Info Session Schedule](#)

Each student should complete, in consultation with parents, the Course Request Worksheet appropriate for their grade level. Use this as a guide in your online registration for courses. Make sure to complete and submit your online course registration by January 21. Your counselor will then schedule an appointment for you to discuss and confirm your choices.

Sincerely,

(signature)

Roberta Rodriguez-Havens  
Associate Principal



**ENRICH** your spirit  
**CREATE** your path  
**DISCOVER** your impact

## MISSION STATEMENT

Bishop O'Dowd High School is a Catholic college-preparatory community, guided by the teachings of Jesus Christ, that educates its diverse student body to build a more just, joyful and sustainable world.

**Bishop O'Dowd High School**  
A Diocese of Oakland High School  
*Finding God in All Things*

ACCREDITED BY

**Western Association of  
Schools and Colleges**  
and the  
**Western Catholic  
Education Association**

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## INTEGRAL STUDENT OUTCOMES



### OUR CHARISM

Finding God in all things calls us to:



**Community in Diversity**



**Strength of Character**



**Academic Excellence**



**Kinship with Creation**



**Social Justice**



**Joy**

To fulfill its mission, students at Bishop O'Dowd High School will find God in all things through:

#### COMMUNITY IN DIVERSITY

Recognizing the inherent dignity of all humans, attuned to the real world experience of difference and the shared experience of being human.

*When have I felt different? When have I felt connected? What do I want to do about that?*

#### ACADEMIC EXCELLENCE

Purposeful pursuit of knowledge in process of self-development and in service to the common good.

*What did I become curious about? How will I use what I learn to make the world a better place?*

#### STRENGTH OF CHARACTER

Integrity with self and others built on truth and expressed in loving action guided by an informed conscience.

*How have I stood up for something good?*

#### KINSHIP WITH CREATION

Practices that care for God's creation as a sign of our love for God and neighbor.

*What have I done to support a sustainable natural world?*

#### SOCIAL JUSTICE

Responsible to stand in solidarity with the marginalized and to work for a more equitable society.

*Whom have I stood with, served, and empowered?*

#### JOY

Passionate appreciation of the infinite love of God, of self, of others, and the gift of life.

*What have I grown to appreciate?*

## PLANNING YOUR FOUR YEARS

This course catalog is intended to convey information to both students and families about the offerings at O'Dowd and to offer assistance in selecting and planning course schedules. Parents/guardians are urged to study the course catalog and come to the Student and Family Course Information and AP Course Information Night events.

### PLANNING PROCESS

- Read this course catalog carefully, and focus attention on graduation requirements, course prerequisites, and academic policies to prepare for higher education and career.
- Study the required and elective subjects that are offered at each grade level.
- Talk with your teachers about courses offered in each department.
- Consider alternate courses, if necessary.
- Use the [Four-Year Student Planning Guide](#) and [Graduation Checklist Worksheet](#) to check your progress toward graduation requirements.
- Fill out the Course Request Worksheet for your grade level next year (pg.10–15) to guide you in the course request process.

### COURSE REQUEST PROCESS

- Complete the course requests online through [PowerSchool](#) by January 21st.
- Meet with your counselor to go over and confirm the courses you have selected at your scheduled appointment, sometime after January 27th.

## COURSE REQUEST PROCESS



**STEP 1:  
SUBMIT COURSE REQUEST  
IN POWERSCHOOL**

Due Friday, 01/21/22



**STEP 2:  
COUNSELORS WILL  
SCHEDULE APPOINTMENT**

When? Appointments will occur after 01/27/22



Please note that courses selected online during the course request period will be based on space availability as determined by the administration, graduation requirements, course prerequisites, and/or department recommendations.

## GRADUATION REQUIREMENTS

Ninth and tenth graders follow a core academic curriculum enhanced by courses in visual and performing arts. In addition to required courses, 11th and 12th graders choose from a wide variety of elective offerings including Advanced Placement (AP), honors course options, and independent study.

The core requirements include English, fine arts, world languages, health and physical education, mathematics, religious studies, science, and social studies. Students are encouraged to broaden their educational program through electives. AP courses are offered in Art & Design, Biology, Calculus AB/BC, Chemistry, Computer Science, Computer Science Principles, English Language, English Literature, Environmental Science, French Language, Government & Politics: US and Comparative, Human Geography, Macroeconomics, Physics, Psychology, Spanish Language, Statistics, and United States History. Tenth, eleventh and twelfth-grade students may also take an online course for college credit from The College of the Siskiyous. (See College of the Siskiyous Online Classes)

Students must enroll in a minimum of 30 units per semester and up to a maximum of 40. Requirements for graduation must be completed with Bishop O'Dowd High School courses. Courses taken elsewhere at the high school or college level for high school graduation credit must have prior approval of the counselor and the department chair. Students must earn a minimum of 240 semester units of credit in order to graduate.



The following requirements must be completed for graduation:

<b>English</b>	<b>40 Units</b>
<b>Fine Arts and Performing Arts</b> (in the same discipline)	<b>10 Units</b>
<b>World Language</b> Two consecutive years of the same language	<b>20 Units</b>
<b>Mathematics</b> Three years of math, beginning with Geometry with Algebra, and Advanced Algebra 2/Trig	<b>30 Units</b>
<b>Physical Education and Health</b> Five units can be waived (up to a maximum of ten) for each BOD team sport in which the student participates. Sophomore PE/Health is required.	<b>20 Units</b>
<b>Religious Studies</b>	<b>40 Units</b>
<b>Service Learning</b> Four required developmental projects, integrated into religion classes.	<b>100 hours min.</b>
<b>Science</b> Biology and Science and the Environment	<b>20 Units</b>
<b>Social Studies</b>	<b>30 Units</b>
<b>Electives</b>	<b>30+ Units</b>

Honors level coursework is available in English 2, Spanish 3, French 3, Pre-Calculus, and Chemistry. Placement is determined by departmental standards.

The College Board offers advanced placement curricula and exams in numerous academic disciplines. These curricula are college level and students often receive some college credit or advanced standing once entering college. Students are required to take AP exams in mid-May. Performance is evaluated on the basis of 1 (no recommendation) to 5 (extremely well-qualified). O'Dowd offers a variety of these College Board approved Advanced Placement courses. Students must register for AP courses in January.

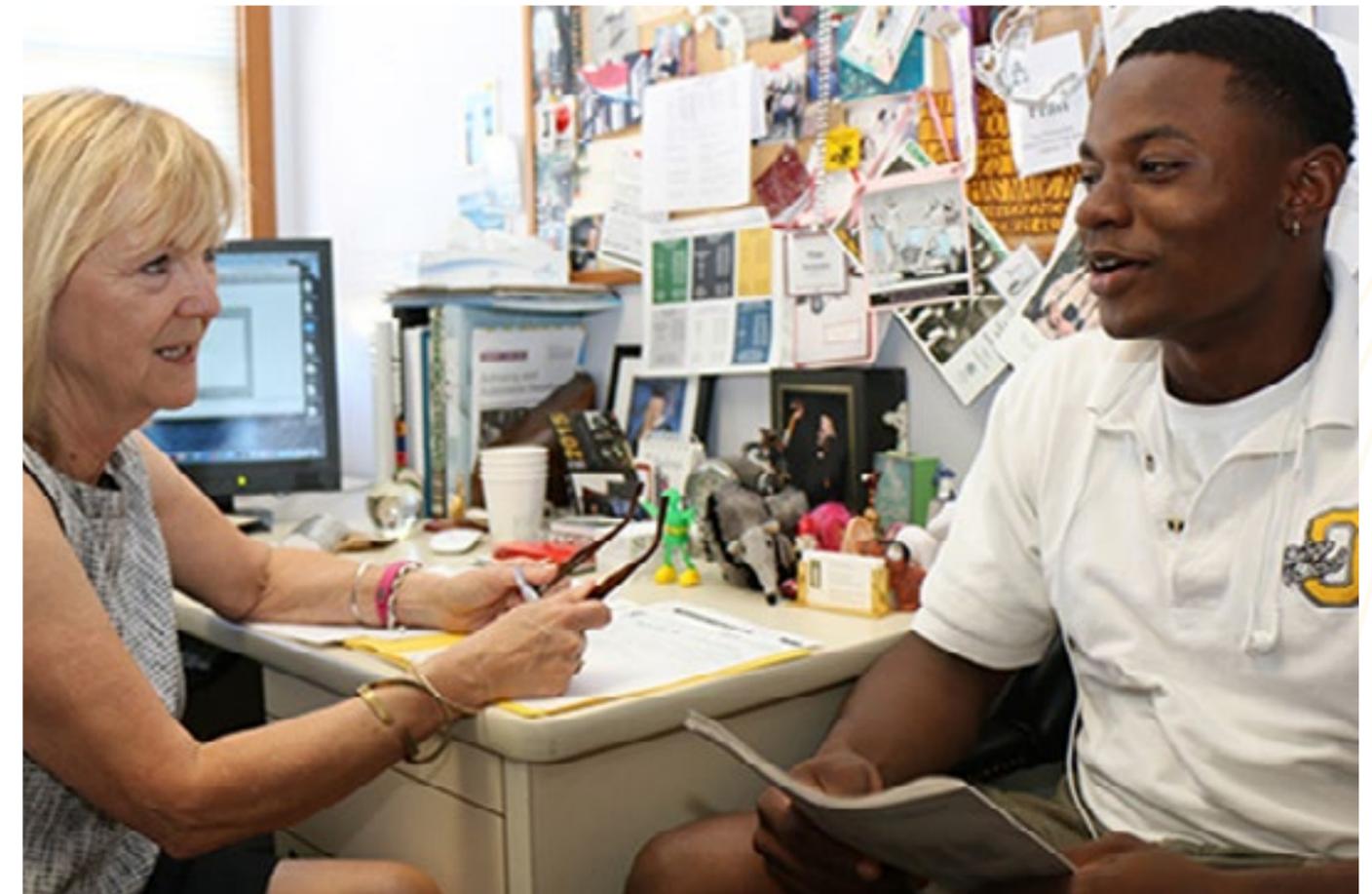
When completing the course registration worksheet form on pages 12-17, students should write down the AP courses in which they are interested in enrolling. While the criteria for placement in AP courses may vary slightly by department, generally, criterias include honors grades, a previous record of timely and successful completion

of assignments and above-average standardized test scores. Due to the rigorous nature of AP course work, it is imperative that students meet minimum placement standards and be committed to completing comprehensive reading and writing at the college level with success. Students who do not meet the prerequisite requirements for an AP course must submit the required challenge form to be considered for enrollment. Many of the AP courses require that some summer homework be completed prior to the first day of class. An estimated time required for summer work is included in the course description.

Enrollment in AP courses includes the commitment to write the AP examination for that course in May as well as the commitment to pay the established fee for that examination. We do not recommend a student to enroll in more than two AP courses at a time because of the intensity of the workload. Honors and AP courses generally require significantly more time for homework. Students who wish to enroll in more than two AP courses must have parental approval, approval of the counselor and the associate principal. Interested students will receive the approval form at their scheduling meeting.

Tenth, eleventh and twelfth grade O'Dowd students may also take an online course for college credit from The College of the Siskiyous. This option allows students who have not chosen to take AP classes the opportunity to earn college credit. (See College of the Siskiyous Online Classes for more information.)

O'Dowd offers the option of independent study to serious, motivated seniors who wish to pursue in-depth study of a specific subject area in which the student is deeply interested, working outside the regular classroom routine in conjunction with a faculty member. Students must also include a study hall in their schedule. Independent study may not duplicate a course contained in the regular curricular offerings and must be at least an additional course on the student's roster. Independent studies may not be used to fulfill graduation requirements. The student, in cooperation with the faculty member, must design specific guidelines, goals, and criteria for the course. All independent study options must be approved by the department chairperson and the counselor.



# 10TH GRADE COURSE REGISTRATION INSTRUCTIONS

Dear 10th Grader:

Welcome back to school! It's now time to start considering your classes for next year. You will be required to take classes in Science, English, World Language, Math, Physical Education, and Religious Studies. You must also select one elective or a study hall per semester.

Please refer to the catalog course descriptions and your [Courses by Semester](#) list. There are important instructions on [page 7](#) about planning your schedule. Many of the answers to your questions can be found in this catalog.

Carefully check prerequisites for courses. If you wish to request an AP or honors course for next year, please refer to the [AP & Honors Prerequisite Requirements](#) and follow the prerequisite challenge directions. **Additional interview, test, and/or approval may be required.** A transcript is required with every challenge application. Your transcript is available for download in [PowerSchool](#).

**Note:** If you wish to appeal a decision about your permission to enroll in a course, please tell your counselor (when you are called for your scheduling appointment) who will instruct you on the appropriate course of action. Otherwise, you will not be considered for advanced level courses.

Classes	Department Contact	Room
Art (Drawing/ Painting and 2-D Design)	Ms. Loewinsohn	Art Studio
Drama	Ms. Oliver / Mr. Davaran	Drama
Music	Mr. Randolph	Band
Computer Art	Mr. Pham	114
Computer Science	Mr. Weber	228
English	Mr. Barnes	Dominican / 44B
World Language	Ms. LaRoche	220
Math	Mr. Trujillo	228
Physical Education	Mr. Kyriacou	P.E. Office
Religion	Dr. Murray	106
Science	Mr. Newman	210
Social Studies	Ms. Bremer / Ms. Sullivan	202

To aid you in the course registration process, we have scheduled the following information meetings:

- **Student & Family Course Information Night**  
Tuesday, January 11, 2022  
7:00 p.m. to 8:00 p.m.
- **AP Information Sessions**  
January 12–14, 2022  
[AP Info Session Schedule](#)

After you have finished reading the instructions and/or attended the meeting, please:

- **Complete [page 11](#) to have as a draft when you complete your online course requests. These must be completed and submitted by January 21, 2022.**
- **Students who complete up to 2 seasons of a school-sponsored sport, at any level, will automatically be granted up to 2 semesters of PE credit.**
- **After you submit your courses online, your counselor will schedule an appointment with you to answer questions and concerns and confirm your choices.**

If you have general questions about courses, please see the department contacts below for more information. Feel free to use the blank space below to write your questions in advance so you can remember what you need to ask.

Questions for my counselor:

# 10TH GRADE COURSE REQUEST WORKSHEET

(Next year I will be in the 10th grade)

NAME: \_\_\_\_\_

9TH GRADE FINE ART COURSE: \_\_\_\_\_

**Directions: After reviewing the Course Catalog, complete this worksheet in preparation for requesting courses online.**

Please refer to the catalog or see the department chairperson to answer your questions regarding electives, advanced/honor, or AP courses. Once you have logged into PowerSchool and submitted your course requests online, your counselor will then schedule an appointment to confirm your choices.

All 10th Graders are required to take seven classes and a flex period each semester. Required classes are already listed. In areas where you have a choice, please fill in the blanks. Please refer to the [Courses by Semester](#) sheet to request a semester course in the semester that it is offered. **You must list an alternate choice, or you will be charged for changes.** Do not repeat a request for a first choice course as an alternate choice. **Your online choices must be completed and submitted by January 21.**

SUBJECT	COURSE NAME
<b>1 English</b>	
<b>2 World Language</b>	
<b>3 Mathematics</b>	
<b>4 Physical Ed/ Health Ed.</b>	
<b>5 Religious Studies</b>	
<b>6 Science</b>	
<b>7a 1st Semester Elective or fine arts course</b>	
<b>Alternate</b>	
<b>7b 2nd Semester Elective or fine arts course</b>	
<b>Alternate</b>	
<b>8 Flex</b>	
<b>Before School</b> (check one)	<input type="checkbox"/> Band or <input type="checkbox"/> Close-Up/American Government

\* Service Learning - Friends Project (min. 25 hrs) and St. Anthony's Justice Day (1 day/5 hrs).

# 11TH GRADE COURSE REGISTRATION INSTRUCTIONS

Dear 11th Grader:

Welcome back to school! It's now time to start considering your classes for next year. You are required to take classes in English, Math, Religion, and Social Studies. You must also select three electives per semester (or two electives and a study hall).

Please refer to the catalog course descriptions and your [Courses by Semester](#) list. There are important instructions on [page 7](#) about planning your schedule. Many of the answers to your questions can be found in this catalog.

Carefully check prerequisites for courses. If you wish to request an AP or honors course for next year, please refer to the [AP & Honors Prerequisite Requirements](#) and follow the prerequisite challenge directions. **Additional interview, test, and/or approval may be required.** A transcript is required with every challenge application. Your transcript is available for download in [PowerSchool](#).

**Note:** If you wish to appeal a decision about your permission to enroll in a course, please tell your counselor (when you are called for your scheduling appointment) who will instruct you on the appropriate course of action. Otherwise, you will not be considered for advanced level courses.

Classes	Department Contact	Room
Art (Drawing/ Painting and 2-D Design)	Ms. Loewinsohn	Art Studio
Drama	Ms. Oliver / Mr. Davaran	Drama
Music	Mr. Randolph	Band
Computer Art	Mr. Pham	114
Computer Science	Mr. Weber	228
English	Mr. Barnes	Dominican / 44B
World Language	Mr. Kohler / Ms. LaRoche	108 / 220
Math	Mr. Trujillo	228
Physical Education	Mr. Kyriacou	P.E. Office
Religion	Dr. Murray	106
Science	Mr. Newman	210
Social Studies	Ms. Bremer / Ms. Sullivan	202

To aid you in the course registration process, we have scheduled the following information meetings:

- **Student & Family Course Information Night**  
Tuesday, January 11, 2022  
7:00 p.m. to 8:00 p.m.
- **AP Information Sessions**  
January 12–14, 2022  
[AP Info Session Schedule](#)

After you have finished reading the instructions and/or attended the meeting, please:

- **Complete [page 13](#) to have as a draft when you complete your online course requests. These must be completed and submitted by January 21, 2022.**
- **Students who complete up to 2 seasons of a school-sponsored sport, at any level, will automatically be granted up to 2 semesters of PE credit.**
- **After you submit your courses online, your counselor will schedule an appointment with you to answer questions and concerns and confirm your choices.**

If you have general questions about courses, please see the department contacts below for more information. Feel free to use the blank space below to write your questions in advance so you can remember what you need to ask.

Questions for my counselor:

# 11TH GRADE COURSE REQUEST WORKSHEET

(Next year I will be in the 11th grade)

NAME: \_\_\_\_\_

**Directions: After reviewing the Course Catalog, complete this worksheet in preparation for requesting courses online.**

Please refer to the catalog or see the department chairperson to answer your questions regarding electives, advanced/honor, or AP courses. Once you have logged into PowerSchool and submitted your course requests online, your counselor will then schedule an appointment to confirm your choices.

All 11th graders are required to take seven classes and a flex period each semester. Required classes are already listed. In areas where you have a choice, please fill in the blanks. Please refer to the [Courses by Semester](#) sheet to request a semester course in the semester that it is offered. **You must list an alternate choice, or you will be charged for changes.** Do not repeat a request for a first choice course as an alternate choice. **Your online choices must be completed and submitted by January 21.**

First Choice Fall		
SUBJECT	COURSE NAME	
1 English	AP or College Prep	
2 Math		
3 Chris. Morality or Re. Elective		
4 U.S. History	AP or College Prep	
5 Elective		
6 Elective		
7 Elective		
8 Flex	Required	
<b>Before School</b> (check one)	<input type="checkbox"/> Band <input type="checkbox"/> Close-Up/American Government	

Alternate Choice Fall		
SUBJECT	COURSE NAME	
1 English	AP or College Prep	
2 Math		
3 Chris. Morality or Re. Elective		
4 U.S. History	AP or College Prep	
5 Elective		
6 Elective		
7 Elective		
8 Flex	Required	
<b>Before School</b> (check one)	<input type="checkbox"/> Band <input type="checkbox"/> Close-Up/American Government	

First Choice Spring		
SUBJECT	COURSE NAME	
1 English	Honors or College Prep	
2 Math		
3 Chris. Morality or Re. Elective		
4 U.S. History	AP or College Prep	
5 Elective		
6 Elective		
7 Elective		
8 Flex	Required	
<b>Before School</b> (check one)	<input type="checkbox"/> Band <input type="checkbox"/> Close-Up/American Government	

Alternate Choice Spring		
SUBJECT	COURSE NAME	
1 English	Honors or College Prep	
2 Math		
3 Chris. Morality or Re. Elective		
4 U.S. History	AP or College Prep	
5 Elective		
6 Elective		
7 Elective		
8 Flex	Required	
<b>Before School</b> (check one)	<input type="checkbox"/> Band <input type="checkbox"/> Close-Up/American Government	

\* Service Learning - Anawim Project (min. 60 hrs). To be completed with Peace & Justice in junior or senior year.

# SENIOR COURSE REGISTRATION INSTRUCTIONS

Dear Senior:

Welcome back to school! It's now time to start considering your classes for next year. You are required to take classes in English, Religion, and Social Studies. You must also select four electives per semester (or three electives and a study hall).

Please refer to the catalog course descriptions and your [Courses by Semester](#) list. There are important instructions on [page 7](#) about planning your schedule. Many of the answers to your questions can be found in this catalog.

Carefully check prerequisites for courses. If you wish to request an AP or honors course for next year, please refer to the [AP & Honors Prerequisite Requirements](#) and follow the prerequisite challenge directions. **Additional interview, test, and/or approval may be required.** A transcript is required with every challenge application. Your transcript is available for download in [PowerSchool](#).

**Note:** If you wish to appeal a decision about your permission to enroll in a course, please tell your counselor (when you are called for your scheduling appointment) who will instruct you on the appropriate course of action. Otherwise, you will not be considered for advanced level courses.

Classes	Department Contact	Room
Art (Drawing/ Painting and 2-D Design)	Ms. Loewinsohn	Art Studio
Drama	Ms. Oliver / Mr. Davaran	Drama
Music	Mr. Randolph	Band
Computer Art	Mr. Pham	114
Computer Science	Mr. Weber	228
English	Mr. Barnes	Dominican / 44B
World Language	Mr. Kohler / Ms. LaRoche	108 / 220
Math	Mr. Trujillo	228
Physical Education	Mr. Kyriacou	P.E. Office
Religion	Dr. Murray	106
Science	Mr. Newman	210
Social Studies	Ms. Bremer/Ms. Sullivan	202

To aid you in the course registration process, we have scheduled the following information meetings:

- **Student & Family Course Information Night**  
Tuesday, January 11, 2022  
7:00 p.m. to 8:00 p.m.
- **AP Information Sessions**  
January 12 - 14, 2022  
[AP Info Session Schedule](#)

After you have finished reading the instructions and/or attended the meeting, please:

- **Complete [page 15](#) to have as a draft when you complete your online course requests. These must be completed and submitted by January 21, 2022.**
- **Students who complete up to 2 seasons of a school-sponsored sport, at any level, will automatically be granted up to 2 semesters of PE credit.**
- **After you submit your courses online, your counselor will schedule an appointment with you to answer questions and concerns and confirm your choices.**

If you have general questions about courses, please see the department contacts below for more information. Feel free to use the blank space below to write your questions in advance so you can remember what you need to ask.

Questions for my counselor:

# SENIOR COURSE REQUEST WORKSHEET

(Next year I will be a senior)

NAME: \_\_\_\_\_

SENIOR RELIGION ELECTIVE: \_\_\_\_\_

**Directions: After reviewing the Course Catalog, complete this worksheet in preparation for requesting courses online.**

Please refer to the catalog or see the department chairperson to answer your questions regarding electives, advanced/honor, or AP courses. Once you have logged into PowerSchool and submitted your course requests online, your counselor will then schedule an appointment to confirm your choices.

All seniors are required to take seven classes and a flex period each semester. Required classes are already listed. In areas where you have a choice, please fill in the blanks. Please refer to the [Courses by Semester](#) sheet to request a semester course in the semester that it is offered. **You must list an alternate choice, or you will be charged for changes.** Do not repeat a request for a first choice course as an alternate choice. **Your online choices must be completed and submitted by January 21.**

First Choice Fall	
SUBJECT	COURSE NAME
1 English	
2 Religious Studies	
3 Social Studies	AP Govt U.S. or American Govt
4 Elective	
5 Elective	
6 Elective	
7 Elective	
8 Flex	Required
<b>Before School</b> (check one)	<input type="checkbox"/> Band <input type="checkbox"/> Close-Up/American Government

Alternate Choice Fall	
SUBJECT	COURSE NAME
1 English	
2 Religious Studies	
3 Social Studies	Required
4 Elective	
5 Elective	
6 Elective	
7 Elective	
8 Flex	Required
<b>Before School</b> (check one)	<input type="checkbox"/> Band <input type="checkbox"/> Close-Up/American Government

First Choice Spring	
SUBJECT	COURSE NAME
1 English	
2 Religious Studies	
3 Social Studies	AP Govt: Comparative, Economics, or AP Macroeconomics
4 Elective	
5 Elective	
6 Elective	
7 Elective	
8 Flex	Required
<b>Before School</b> (check one)	<input type="checkbox"/> Band <input type="checkbox"/> Close-Up/American Government

Alternate Choice Spring	
SUBJECT	COURSE NAME
1 English	
2 Religious Studies	
3 Social Studies	Required
4 Elective	
5 Elective	
6 Elective	
7 Elective	
8 Flex	Required
<b>Before School</b> (check one)	<input type="checkbox"/> Band <input type="checkbox"/> Close-Up/American Government

\* Service Learning - Anawim Project (min. 60 hrs). To be completed with Peace & Justice in junior or senior year.

## FOUR-YEAR STUDENT PLANNING GUIDE

Shaded areas indicate department requirements. When planning course selections, be sure that a total of 60 academic credits are chosen each year.

Subject	9	10	11	12	Total Units Required
English	English 1	English 2	English 3	English Electives (10 Units)	40
World Languages*					20
Math	3 Years Required				30
Physical Education**		Health Ed / Soph P.E. (Full Year)			20
Religion	Sexuality & Spirituality and Hebrew Scriptures ***	Catholic Experience and Christian Scriptures ***	Christian Morality and Religion Elective or Peace & Justice ***	2 Religion Electives or Peace & Justice*** and 1 Elective	40
Science	Science and the Environment	Biology			20
Social Studies	Advanced World History	Advanced World History (if not completed in the 9th grade)	U.S. History	American Government and Economics & Foreign Policy	30
Fine and Performing Arts	1 year of Fine or Performing Arts required in the same discipline				10
Electives	Elective courses may be taken as appropriate				30+
<b>Credits Required</b>					<b>240</b>

\* Two years of the same world language required. Incoming students begin their world language study as 9th or 10th graders.

\*\* Up to two semesters of PE requirement may be waived by participation in O'Dowd team sports, or through Elite PE Waivers, for pre-professional sports (crew, mountain biking, dance, etc) that are NOT offered at O'Dowd (must be during the 11th and 12th grade years).

\*\*\* Denotes service-learning components required in these courses.

## GRADUATION CHECKLIST WORKSHEET

Department	Grade 9	Grade 10	Grade 11	Grade 12	Total	Required
English						4 years (40 units)
Fine and Performing Arts						1 year (10 units)
World Languages						2 years (20 units)
Mathematics						3 years (30 units)
Physical Education						2 years (20 units)
Religion						4 years (40 units)
Service Learning						Common Home in 9th Friends in 10th St. Anthony's in 10th Anawim in 11/12th
Science						2 years (20 units)
Social Studies						3 years (30 units)
Electives						5-6 semesters (30 units)
<b>Total</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>240</b>	

# COLLEGE OF THE SISKIYOU'S ONLINE CLASSES

## Early College Credit Program

Bishop O'Dowd High School works with the College of the Siskiyous to allow O'Dowd students to take college level online course work that will be transferable to all UC and CSU schools. Many out of state schools and private universities accept credits from California Community Colleges as well. Students can earn between 3-23 units of transferable college credit through this program. Some of the benefits of the program include:

- **Cost-savings on college coursework**
- **Guided transition to college level work**
- **College scheduling flexibility**

## Cost of the Program

There is no cost to register for a course, however there is a minimal student access/student rep fee assessed by the school. O'Dowd students are obligated to cover those fees in order to receive a copy of their official transcript.

## Additional information

- **If you are taking a College of the Siskiyous course during the fall or spring semester, you should consider having a study hall in your schedule.**
- **Students are obligated to procure a copy of the textbook. O'Dowd provides textbooks for rental for some of the course(s).**
- **Although O'Dowd handles the registration process and provides the materials for College of the Siskiyous courses, students are responsible for communicating directly with College of the Siskiyous if issues or questions arise surrounding their course.**
- **The grade received for the College of the Siskiyous course will not be placed on students' O'Dowd transcript or impact their O'Dowd GPA.**

## Transfer of Units

The California Community College (CCC) courses we have selected are transferable to all UC and CSU schools. We have selected courses that can be applied to the general education requirements of most campuses.

If you're considering attending a private or an out-of-state school, call the admissions office of the universities in question and ask about the transfer of California Community College units.

## Application Timeline

- **For fall classes, the application period is late spring/early fall (May/August).**
- **For spring classes, the application period is late fall (December).**
- **For summer classes, the application period is late spring (May).**

## How to Register

Look for an email each semester (see above for the application timelines) listing course offerings and providing registration materials. To register for a course, please follow the instructions provided in the email.

## COLLEGE OF THE SISKIYOU'S ONLINE CLASSES (CONTINUED)

### COURSES OFFERED

Course offerings may vary by semester but often include the following courses:

#### ANTH 1010 (FORMERLY ANTH 1) INTRODUCTION TO CULTURAL ANTHROPOLOGY

- **3 units, 3 lecture/3 lab hours**
- **Graded**
- **Advisory: ENGL 1001 or concurrent enrollment in ENGL 1001**

This course is designed to present an overview of human cultures and the many remarkable ways in which humans adapt to their environment. The course includes sections on languages, archeology, ancient history and modern cultures, with an emphasis on living traditional cultures. (AA, CSU, UC)

#### HUM 1001 (FORMERLY HUM 1) INTRODUCTION TO HUMANITIES

- **3 units, 3 lecture hours**
- **Graded**

A broad introduction to the major forms and types of artistic expression: sculpture, architecture, painting, philosophy, literature, drama, dance, film, and music. (AA, CSU, UC)

#### PSY 1001 (FORMERLY PSY 1) GENERAL PSYCHOLOGY

- **3 units, 3 lecture hours**
- **Graded**
- **Advisory: ENGL 1001**

This is a basic course introducing psychology as the scientific study of behavior and mental processes through the exploration of major theories and concepts, methods, and research findings. Topics include biological bases of behavior, perception, cognition, learning, emotion and motivation, development, personality, social psychology, psychological disorders and therapies, and applied psychology. (AA, CSU, UC)

#### SOC 1001 (FORMERLY SOC 1A) INTRODUCTION TO SOCIOLOGY

- **3 units, 3 lecture hours**
- **Graded**
- **Advisory: ENGL 0950**

An introduction to the study of Sociology including its basic concepts, theories, and methods. Topics include analysis and explanations of different social systems, cultures, socialization, deviance, groups, social stratification, race, gender, minorities, and the family. (AA, CSU, UC)

#### SOC 102 SOCIAL PROBLEMS

- **3 units, 3 lecture hours**
- **Graded**
- **Advisory: ENGL 1001**

Introduction and analysis of social problems as they relate to the family, religion, political systems, medicine and health, science, population and overpopulation, economics of social systems, social change and collective behavior. Utilizing the problem approach the course will blend social science perspectives as they relate to power, wealth, scarcity and social change.

#### HIST 1017 UNITED STATES HISTORY TO 1877

- **3 units, 3 lecture hours**
- **Graded**
- **Advisory: ENGL 1001.**

A survey of American history from pre-contact North America to 1877. (AA, CSU, UC)

#### HIST 1018 UNITED STATES HISTORY SINCE 1877

- **3 units, 3 lecture hours**
- **Graded**
- **Advisory: ENGL 1001.**

Survey of American history from reconstruction to modern times. Development of the United States and its political, economic, social and cultural institutions. Examination of the growth of the U.S and the institutions, individuals, and groups that contributed to it. (AA, CSU, UC)

#### ECE 1002 CHILD DEVELOPMENT

- **3 units, 3 lecture hours**
- **Graded**

This course includes the study of child development from conception through adolescence, with emphasis on personal development and family and social interactions.

## COURSES OFFERED

Course offerings may vary by semester but often include the following courses:

### ECE 1999 HUMAN DEVELOPMENT

- 3 units, 3 lecture hours
- Graded

This study of human development throughout the lifespan, from conception to the end-of-life, with emphasis on personal development and family and social interactions. Particular emphasis is upon development from adolescence to the end-of-life. Areas of study include the physical, cognitive, and psychosocial domains.

### ECON 1010 PRINCIPLES OF MACROECONOMICS

- 3 units, 3 lecture hours
- Graded
- Advisory: ENGL 0900

An introductory course focusing on aggregate economic analysis. Topics include market systems; economic cycles including recession, unemployment and inflation; national income accounts; macroeconomic equilibrium; money and financial institutions; monetary and fiscal policy and international trade and finance.

### PSY 1003 SOCIAL PSYCHOLOGY

- 3 units, 3 lecture hours
- Graded
- Advisory: ENGL 0900

This is a basic course in social psychology that explores how people think about, influence, and relate to one another. The effects of personality, culture, evolution, and situational factors on social behavior will be explored. Appropriate concepts, theories, findings, and research methods will be utilized. Concepts will be applied to contemporary social situations.

### PSY1502 ABNORMAL PSYCHOLOGY

- 3 units, 3 lecture hours
- Graded
- Prerequisite: PSY1001

Introduction to the study of psychopathology and atypical behavior. Focuses on psychological, biological, and sociocultural theoretical models of abnormal behavior as they relate to diagnosis, etiology, and treatment of mental disorders. Additional topics include prevention, intervention, ethical and legal considerations, and evaluation of neuroscientific and genetic research concerning psychological dysfunction.

### POLS 1001 AMERICAN GOVERNMENT: NATIONAL, STATE AND LOCAL

- 3 units, 3 lecture hours
- Graded

An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy.

## COLLEGE ADMISSIONS INFORMATION PLANNING FOR THE FUTURE

This section includes links to admission requirements for the nine undergraduate campuses of the University of California (UC), the 23 campuses of the California State University (CSU), and the 112 California community colleges. Information for this section comes from the UC, CSU, community college, College Board, and ACT websites. We have printed some general guidelines, but be sure to carefully read the information on these websites as there can be numerous variables involved for each applicant's situation.

### GPA Calculation for College Entrance at UC/CSU

Grades received in courses taken in the ninth grade or earlier are not used in determining scholarship average, although subject requirements may be satisfied with grades of "C" or better in these courses. If successfully completed, only the best grades are used in calculating the GPA. (If a student receives a "D" in a spring semester course and repeats the semester in O'Dowd summer school and earns a "B," both grades will appear on the transcript, but only the "B" will be used in the GPA calculation.) Only semester grades are used in calculating the GPA.

### UNIVERSITY OF CALIFORNIA ENTRANCE REQUIREMENTS

Admission requirements for first year students can be found at <https://admission.universityofcalifornia.edu/freshman/requirements/>

**Note regarding Test Requirement for University of California:** On May 21, 2020, the University of California Board of Regents unanimously voted to adopt a test-optional policy for admission through 2022 and a test-not-considered policy for admission from 2023 through 2024. Students graduating in 2022 will have the option to submit SAT or ACT scores to be considered for admission to the UCs. Students who choose not to submit a test score as part of their application will not be penalized. For students graduating in 2023 and 2024, the UC will not consider SAT or ACT scores for admission even if submitted. Please note that for students in the class of 2022, 2023, and 2024, the UC has reserved the use of SAT or ACT scores for potential non-admission purposes including course placement, certain scholarships, and eligibility for statewide admissions guarantee. The UC's complete statement can be found at: <https://regents.universityofcalifornia.edu/regmeet/may20/b4.pdf>

### CALIFORNIA STATE UNIVERSITY ENTRANCE REQUIREMENTS

Admission requirements for first year students can be found at [http://www.csumentor.edu/planning/high\\_school/](http://www.csumentor.edu/planning/high_school/)

### CALIFORNIA COMMUNITY COLLEGE ENTRANCE REQUIREMENTS

Admission requirements for freshmen can be found at <http://home.cccapply.org/colleges/requirements>

California community colleges are required to admit any California resident possessing a high school diploma or equivalent. California community colleges may admit any nonresident possessing a high school diploma or equivalent or any person over the age of 18 who, in the judgment of the board, is capable of profiting from the

instruction offered. Find the community college in which you are interested for more specific information.

### INDEPENDENT COLLEGES ENTRANCE REQUIREMENTS

Many independent colleges require or recommend four years of English, a minimum of three years of math, two years of science, three years of social science, and up to four years of foreign language. It is essential that students determine the specific requirements of the college of their choice. Results of the ACT or SAT and SAT subject tests are required for most private and out-of-state colleges and universities. It is recommended that the test be taken no later than December of the senior year for fall entrance.

### Reminders for All College Applicants

- College Board Tests are given in August, October, November, December, March, May and June. These tests are not administered at O'Dowd.
- The American College Test (ACT) is given in September, October, December, February, April, June and July. This test is not administered at O'Dowd.
- The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT) is administered to all O'Dowd students in October of their 10th and 11th grade year. In addition to other benefits, it is a good predictor of performance on the SAT. Students are automatically signed up for the PSAT/NMSQT.
- AP examinations are given in May at O'Dowd. Taking AP examinations may include the following benefits:
  - Exemption from required introductory courses in college and permission to take upper level courses in certain fields.
  - Academic credit in college for exams taken, which means fewer graduation requirements
  - Eligibility for honors and other special college programs

## SUBJECT REQUIREMENTS

The table below summarizes high school course requirements for college entrance.

	UNIVERSITY OF CALIFORNIA	CALIFORNIA STATE UNIVERSITIES	INDEPENDENT COLLEGES
	UC faculty consider the Subject Requirement to be effective preparation, on many levels, for undergraduate work at the University. This pattern of study assures the faculty that the student has attained a body of general knowledge that will provide breadth and perspective to new, more advanced study. Fulfillment of the "A-G" pattern also demonstrates that the student has attained essential critical thinking and study skills.	The CSU requires a minimum 15- unit pattern of courses for admission as a first-time freshman. Each unit is equal to a year of study in a subject area. A grade of C or higher is required for each course you use to meet any subject requirements.	Check with individual colleges on their requirements.
<b>UC Course List: A History / Social Science</b>	Two years of history/social science, including:one year of world history, cultures and geography (may be a single year-long course or two one-semester courses), and one year of U.S. history or one-half year of U.S. history and one-half year of civics or American government.	Two years, including one year of U.S. history or 1 semester of U.S. history and one semester of civics or American government AND one year of social science.	Many require two years. Check with individual colleges on their requirements.
<b>UC Course List: B English</b>	Four years of college-preparatory English that include frequent writing, from brainstorming to final paper, as well as reading of classic and modern literature. No more than one year of ESL-type courses can be used to meet this requirement.	Four years of college preparatory English composition and literature.	Many require or recommend four years. Check with individual colleges on their requirements.
<b>UC Course List: C Mathematics</b>	Three years (four years recommended) of college preparatory mathematics that include the topics covered in elementary and advanced algebra and two-and three-dimensional geometry. Approved integrated math courses may be used to fulfill part or all of this requirement, as may math courses taken in the seventh and eighth grades if the high school accepts them as equivalent to its own courses.	Three years (four years recommended) including Algebra I, Geometry, Algebra II, or higher mathematics.	Many require or recommend three years. Check with individual colleges on their requirements.
<b>UC Course List: D Laboratory Science</b>	Two years (three years recommended) of laboratory science providing fundamental knowledge in two of these three foundational subjects: biology, chemistry and physics. The final two years of an approved three- year integrated science program that provides rigorous coverage of at least two of the three foundational subjects may be used to fulfill this requirement.	Two years including one biological lab science and one physical lab science.	Many require or recommend two years. Check with individual colleges on their requirements.
<b>UC Course List: E Languages Other Than English</b>	Two years, or equivalent to the 2nd level of high school instruction, of the same language other than English are required. (Three years/3rd level of high school instruction recommended).	Two years of the same language.	Many require or recommend two years of the same language. Check with individual colleges on their requirements.
<b>UC Course List: F Visual and Performing Arts</b>	One year chosen from one of the following: disciplines: dance, drama/theater, music or visual art.	One year of dance, drama/ theater, music, or visual art.	Check with individual colleges on their requirements.
<b>UC Course List: G College Preparatory Electives</b>	One year (two semesters), One year chosen from the "A-F" courses beyond those used to satisfy the requirements above, or courses that have been approved solely in the "G" elective area.	One additional year chosen fromthe University of California "A-G" list.	Check with individual colleges on their requirements

## SUBJECT REQUIREMENTS

The table below shows how the University of California's A - G requirements are fulfilled at O'Dowd.

UNIVERSITY OF CALIFORNIA'S A-G APPROVED COURSES AT BISHOP O'DOWD HIGH SCHOOL			
The courses below meet the requirements for admission to the University of California: (S) denotes semester course   ☆ denotes courses that receive extra honors credit: A=5, B=4, C=3   * denotes pending UC approval			
<b>UC Course List: A History / Social Science</b>	Advanced World History American Government/Economics (S) ☆ AP Govt. & Politics United States (S) & AP Govt. & Politics Comparative(S)	☆ AP Human Geography ☆ AP United States History American Government (Close-Up Program) (S) United States History	
<b>UC Course List: B English</b>	☆ AP English Language & Composition ☆ AP English Literature Children's Literature (S) English 1, 2, 3 Great Works of Fiction and Poetry (S) ☆ Honors English 2	Identity in Literature (S) Literature and Film (S) Psychological Realism (S) Science Fiction (S) Writing I: Creative Nonfiction (S) Writing II: Argument and Persuasion (S)	
<b>UC Course List: C Mathematics</b>	Geometry with Advanced Algebra 1 *Advanced Algebra 2/Trigonometry Pre-Calculus ☆ Honors Pre-Calculus Data Science Finite Mathematics	☆ Multivariable Calculus (H) ☆ AP Calculus AB ☆ AP Calculus BC ☆ AP Computer Science A ☆ AP Statistics	
<b>UC Course List: D Laboratory Science</b>	Adv.Biology (Anatomy/Physiology(S) & Marine Biology(S)) Biology ☆ AP Biology Chemistry ☆ Honors Chemistry ☆ AP Chemistry ☆ AP Computer Science Principles	Earth and Space Science Engineering Physics ☆ AP Environmental Science Physics ☆ AP Physics 1 Robotics (S) Science and the Environment	
<b>UC Course List: E Languages Other Than English</b>	Spanish 1, Spanish 2, Spanish 3, Spanish 4 Advanced Spanish 1 Advanced Spanish 2 Advanced Spanish 2 for Heritage Speakers ☆ Honors Spanish 3 ☆ AP Spanish Language and Culture	Mandarin 1, Mandarin 2, Mandarin 3, Mandarin 4 French 1, French 2 , French 3 ☆ Honors French 3 ☆ AP French Language and Culture	
<b>UC Course List: F Visual and Performing Arts</b>	☆ AP Art & Design: 2D, 3D, Drawing The Art of Film and Video (S) Ceramics 1 (S) Ceramics 2 (S) Chorus (S) Computer Art Computer Art 2 (S)	Digital Music Studio Drawing and Design 1/2 Drawing 1 (S) Drawing 2 (S) Drama 1 Drama 2/3 (Maximum 1 year) Advanced Jazz Band Jazz Band	Painting 1/2 (S) Painting 2 (S) Performing Arts Photography (S) String Orchestra Symphonic Band Urban Art (S)
<b>UC Course List: G College Preparatory Electives</b>	*AP African American Studies Pilot ☆ AP Macroeconomics (S) ☆ AP Psychology Atheism and Faith (S) Bio-Ethics (S) *Chemistry of Cooking (S) Church in the African-American Experience (S)	Economics (S) Electronics (S) Ethics and Media (S) Ethics and Media Online(S) Feminism, Christianity and Society (S) Hip Hop & Society (S) Introduction to Law (S)	Peace and Justice (S) Race & the Law (S) Research Methods & Practice Sports Medicine (S) The Holocaust (S) World Religions (S)



# ENGLISH

# ENGLISH

The English Department offers a rigorous preparation for the liberal arts with a special focus on the humanities. The department's rich program of reading and writing draws on history's greatest thinkers whose timeless contributions to society address the challenges of modern life.

Our curriculum and pedagogy:

- challenges students to develop critical and analytical skills necessary for in-depth textual analysis.
- increases students' comprehension of texts and their appreciation for the author's style, structure, methods, and historical context.
- challenges students to become intellectually and emotionally engaged, joyful readers.
- helps students become clear, fluent, and powerful writers capable of selecting and weighing evidence, reasoning logically, and expressing their views in clear, grammatical prose.
- encourages students to make connections drawing from renowned literary works, cultural history, and their own lives.
- teaches students to speak articulately and listen actively.

In creating a community of writers, the department offers extensive opportunities for students to write in a variety of modes for diverse audiences. In creating a community of readers, the department engages students with a broad range of texts — poetry and prose, fiction and non-fiction, classic and contemporary. O'Dowd students establish a solid foundation of language use through their study of grammar and usage. Technological and informational resources help students to gather and synthesize information and to create and communicate knowledge.



## REQUIRED SEQUENCE

The required English sequence involves four years of study. Requirements can be satisfied through a variety of course options.

REQUIREMENTS	
English 1 (9th Grade)	or Honors English 1* (one year)
English 2 (10th Grade)	or Honors English 2* (one year)
English 3 (11th Grade)	or AP English Language and Composition* (one year)

\* Placement based on grades, placement tests and department approval.

SENIOR ELECTIVES
In senior year, if not already taking AP Literature and Composition, students may choose two semesters of the following electives to satisfy graduation requirements:
<ul style="list-style-type: none"> <li>• AP English Literature and Composition (one year)</li> <li>• Children's Literature</li> <li>• Great Works of Fiction and Poetry</li> <li>• Identity in Literature</li> <li>• Literature and Film</li> <li>• Psychological Realism</li> <li>• Science Fiction</li> <li>• Writing 1: Creative Nonfiction</li> <li>• Writing 2: Argument and Persuasion</li> </ul>

GRADUATION REQUIREMENTS
All students must successfully complete four years of English courses.

# ENGLISH (CONTINUED)

## COURSES

### ENGLISH 1 ENG121/122

- Gr: 9
- Year Course

This course combines the study of fundamentals of speech, grammar and vocabulary with an introduction to literary analysis through the study of the novel, plays (one by Shakespeare) and short fiction. Students in this course study writing as a process from paragraphs to essays.

### ENGLISH 1 - INTENSIFIED ENG131/132

- Gr: 9
- Year Course
- Placement is determined by placement test and grades.

The purpose of this course is to improve student reading and study skills in all course content areas and to prepare them for the college prep environment. Students take this course in conjunction with English 1.

### ENGLISH 2 ENG221/222

- Gr: 10
- Year Course
- Prerequisite: Successful completion of English 1 or Honors English 1

In this course students refine composition skills through work on thesis-supported essays in conjunction with the study of literary content and types: classical Greek and Shakespearean drama, poetry, mythology and the novel. Students also expand basic speech skills through discussion and presentations.

### HONORS ENGLISH 2 ENG211/212

- Gr: 10
- Year Course
- Prerequisite: Completion of Honors English 1 or Prerequisite for transfer into Honors English 2: a 3.5 GPA in English, 3.5 GPA overall, highest marks on a timed writing exam administered by the department, a writing portfolio review, and department chairperson approval.

All students wishing to take AP English Literature as a senior must have enrolled for a full year in AP Language & Composition. Students enrolled in Honors English 2 receive preferred enrollment for Honors English 3. In addition to covering all topics studied in English 2, this course

challenges exceptional students with a more extensive and in-depth review of literature and a more comprehensive reading list. Students must earn C's or higher on final essay drafts and "B"'s or higher in their honors English classes to remain enrolled in the honors English program.

### ENGLISH 3 ENG321/322

- Gr: 11
- Year Course
- Prerequisite: Successful completion of English 2 or Honors English 2

Literary Analysis during junior year focuses on major literary movements in American literature from 1620 to today. Students in this class study a wide variety of literary genres including poetry, novels, plays, short fiction and nonfiction. In addition, this course provides both grammar/usage and essay standardized test (PSAT/SAT) preparation. Compositions in this course include unified theme essays as well as formal research-driven papers.

### AP LANGUAGE & COMPOSITION ENG311/312

- Gr: 11
- Year Course
- Prerequisite: Completion of Honors English 2 or Prerequisite for transfer into AP Language & Composition: a 3.5 GPA in English, 3.5 GPA overall, a writing portfolio review, and department chairperson approval. Students who do not meet the prerequisite for this course must submit the AP English Prerequisite Challenge form to be considered for enrollment. All students wishing to take AP English Literature as a senior must have enrolled for a full year in AP Language & Composition. Students must complete ten to fifteen hours of summer coursework prior to the first day of class.

In addition to all topics covered in English 3, a more in-depth review of literature and more extensive reading list will challenge exceptional students. Students will spend considerable time practicing textual analysis and essay writing skills. The AP level junior research paper requires students to expend considerable effort in research and analysis. Students must earn a B- or higher on final essay drafts and B's or higher in their honors English classes to remain enrolled in the AP English program.

## ENGLISH (CONTINUED)

### SENIOR ELECTIVES

In the senior year, students have a choice of any TWO of the following electives or the year-long AP English course to satisfy the graduation requirement. An English course must be taken each semester.

Seniors will work on college essay composition in all first-semester electives. Additionally, in order to streamline student efforts and enhance the college application process, all senior English electives taught in the fall will feature supplemental personal essay instruction and guidance, in order to further support the counseling department as they spearhead this crucial aspect.

#### AP ENGLISH LITERATURE ENG401/402

- **Gr: 12**
- **Year Course: Literature Based**
- **Prerequisite:** B in AP Language & Composition, a 3.5 overall GPA, writing portfolio review, and approval of the English department chairperson and the AP Language & Composition teacher. Students wishing to take AP English must have enrolled for a full year in AP Language & Composition. Students must complete ten to fifteen hours of summer work prior to the first day of class.

This course examines ideas and great works of literature of the Western world from the Greeks to the present. The course provides both independent study and class activities to cover more literature in greater depth in preparation for the AP English Literature Examination.

#### CHILDREN'S LITERATURE ENG522

- **Gr: 12**
- **Semester Course: Literature Based**
- **Prerequisite:** Completion of English 3 or Honors English 3

This course focuses on reading and analyzing late 19th century to the present day writing identified as "Children's Literature." Students will read fictional work in the form of novels, novellas, short stories, folk tales, and poems. This course is designed to provide college-bound seniors continued practice in reading and writing about complex fictional texts, characters, and subjects. In addition to looking at the history and sociology of childhood and a number of different theories of child development, students will explore themes including innocence versus maturity, self-discovery, good versus evil, courage and honor, confronting and resolving obstacles, greed, friendship, as well as the hero's journey and the need for quests. Students will examine how the literature reflects

the historical and societal changes as well as explore in their writing how metaphor and metaphorical narratives can be viewed in argument. The reading, writing, and analysis in this course will require dedication and a concerted effort toward success in a challenging academic environment.

#### GREAT WORKS OF FICTION AND POETRY ENG482

- **Gr: 12**
- **Semester Course: Writing Based**
- **Prerequisite:** Completion of English 3 or Honors English 3

Students in this course read short works of fiction prose and poetry, analyze the authors' craft and creative writing in general, and create prose and poetry of their own. Overall, the emphasis is on the student's development as a reader and a writer adept in both college-level analysis and creative expression. Peer workshops, publishing of works for an audience outside of the class, and a portfolio of work are typically part of this course. When the course is taught in the fall semester, students will write a personal essay in the genre of creative nonfiction that can be used as the college admission essay.

#### IDENTITY IN LITERATURE ENG525

- **Gr: 12**
- **Semester Course: Literature Based**
- **Prerequisite:** Completion of English 3 or Honors English 3

This course examines the idea of articulation of the "self," or one's own voice, inclusion, and the social and political issues and moral responsibilities associated with identity. Topics include race, gender, sexuality, culture, class and religion. Readings include works by seminal writers representative of each of these identities; a main focus of the course is to showcase a rainbow of voices and views. Students analyze a variety of fiction and nonfiction readings as well as other media, and respond with both personal and analytical writings. When the course is taught in the fall semester, students will write a personal essay in the genre of creative nonfiction that can be used as the college admission essay.

## ENGLISH (CONTINUED)

#### LITERATURE AND FILM ENG452

- **Gr: 12**
- **Semester Course: Literature Based**
- **Prerequisite:** Completion of English 3 or AP Language & Composition

This course provides a comparative study of these two media. Through reading selected literature and viewing films, students will learn to evaluate both art forms by studying literary style, form, and interpretation, as well as basic filming techniques and the resulting effects on the viewer. Literature includes works by Philip K. Dick, Ken Kesey, and Stephen King, in addition to a film textbook. Students should understand that this is primarily a literature rather than a film appreciation course and that students enrolled in this course will practice textual analysis and essay writing skills.

#### PSYCHOLOGICAL REALISM ENG461

- **Gr: 12**
- **Semester Course: Literature Based**
- **Prerequisite:** Completion of English 3 or AP Language & Composition

Using basic psychological concepts of Freud, Jung, and Adler, this course aims to make the students aware of the uniqueness of every individual and to sharpen understanding of self and others. Students will primarily deal with psychological realism as evidenced in character behavior in literature. Authors studied include both Hesse and Harris, and the students close the semester with a variety of more modern neuroscientific research (i.e. Confirmation Bias, Neuroplasticity, the Backfire Effect, etc.) and how it directly correlates to Joseph Campbell's "Hero's Journey." As the course is taught in the fall semester, students will write a personal essay in the genre of creative nonfiction that can be used as a direct support to the college admission essay writing process.

#### SCIENCE FICTION ENG472

- **Gr: 12**
- **Semester Course: Literature Based**
- **Prerequisite:** Completion of English 3 or AP Language & Composition

Science fiction is the literature of the human species encountering change. Using Asselin's human evolution framework, this course aims to tackle essential questions related to machine intelligence, trans-human and extraterrestrial life forms, new societies, and the potential impacts of environmental devastation and post-cataclysm possibilities. This course includes a variety of text types, including short stories, novels, and films, with a wide range of contemporary and classic voices. Authors typically include Isaac Asimov, Ursula Le K. Guin, Octavia Butler, Ray Bradbury, Robert A. Heinlein, Ted Chiang among others. One of the major assessments for the course is the students' own creation of a short science fiction story. When the course is taught in the fall semester, students will write a personal essay in the genre of creative nonfiction that can be used as the college admission essay.

#### WRITING I: CREATIVE NONFICTION ENG447

- **Gr: 12**
- **Semester Course: Writing Based**
- **Prerequisite:** Completion of English 3 or AP Language & Composition

The focus of this course is on the style and techniques of creative nonfiction as a literary genre that includes autobiography, personal narrative, memoir, lyric, literary journalism, and other hybridized essays. An intensive writing course in which students will practice the writing process from brainstorming and outlining through extensive revision and final "publication," this course demands daily writing, in and out of class, as well as enthusiastic participation in peer editing and revision. Course readings will include both fiction and nonfiction anchor and supplemental texts and full-length novels. Text response will include analytic discussion as well as creative application of form and technique. As the course is offered in the fall semester, students will write a personal essay that can be used as the college admission essay.

## ENGLISH (CONTINUED)

### WRITING II: ARGUMENT & PERSUASION ENG448

- **Gr: 12**
- **Semester Course: Writing Based**
- **Prerequisite:** Completion of English 3 or AP Language & Composition

The focus of this course is on how writers use rhetoric, the art of persuasion, to resist oppressive structures and make cultural and societal change. In this class, students will learn to organize thoughts and write logically, to build a good case on a controversial topic, to discover weak arguments, and to overcome the fear of speaking in public, so that they can own their voices with confidence. In this intensive writing class, students will practice the writing process from brainstorming and outlining, through extensive revision and final "publication." Students in this class complete a minimum of six essays and projects, demonstrating the ability to form thesis-driven essays in a variety of assignments, with an awareness of tone, audience, and purpose. The course also emphasizes grammar and mechanics. Course readings will showcase the power of effective research in exploring an issue in depth. Students will read contemporary non-fiction books

that have been influential to our society to examine the author's methods of rhetorical strategies, organization and persuasion.

### ENGLISH TEACHER ASSISTANT ENG911/912

- **Gr: 12**
- **Semester Course**
- **Prerequisite:** Successful completion of previous English courses with a "B" grade or higher, if applicable. Each student applying for this position should submit a 250-word essay arguing why he or she should be chosen for this position. Students should submit this essay to the teacher and the department chair. Teacher and department chairperson approval indicated on permission slip with accompanying course request form.

Students will assist teachers in: performing clerical tasks; helping students with assignments and resources; conducting research for teachers; preparing equipment and set-ups for classes. Students may not grade assignments or access teacher's grade books. Approving teachers will claim individual approved assistants. This course does not replace an English senior elective for graduation credit.



## FINE AND PERFORMING ARTS

O'Dowd students have an opportunity to experience an eclectic array of offerings in the arts. The arts programs are versed in the traditional to the avant-garde, and are cognizant of contemporary trends to provide breadth and relevance. The program is designed to foster creative artistic expression, and to support the exhibition of such work.



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Students are able to study specific disciplines, such as ceramics and painting, symphonic and jazz band, acting, directing and playwriting, and to participate in performance of full-scale musicals and plays. The department encourages work that is socially conscious, conceptually rich, and personally meaningful.

The art faculty supports students in the development of their artistic ability, and works to provide the necessary tools to enable students to develop a creative vision. The goal of the Fine Arts Department is to prepare students to be critical connoisseurs of the complex world of art, and to enhance their ability to express themselves creatively. Teachers give students the tools needed to decipher meaning, and to develop an understanding of the process by which each work of art was created. The staff seeks to create an atmosphere that is conducive to meaningful artistic immersion.

The Fine Arts faculty provides an enriching curriculum in preparation for a college major and/or a career in the arts. Students who participate in upper level courses create a portfolio for their resume that can add an extra dimension to their college application. Recent graduates have earned acceptance to the top art programs in the country with their portfolios.

\* This year course fulfills the fine arts graduation requirement to be taken in the freshman or sophomore year.

### REQUIRED SEQUENCE

The requirement for fine arts is one year-long class, and can be satisfied through the course options listed.

DEPARTMENT	COURSE OPTIONS
Music	<ul style="list-style-type: none"> <li>Digital Music Studio</li> <li>Symphonic Band (audition required)</li> </ul>
Visual Arts	<ul style="list-style-type: none"> <li>Drawing &amp; Design</li> <li>Computer Arts 1</li> </ul>
Performing Arts	<ul style="list-style-type: none"> <li>Performing Arts</li> </ul>

### ELECTIVE COURSES

Beginning in sophomore year, students may enroll in a wide range of fine arts electives. Some of these courses have prerequisites.

Music	Visual Arts
<ul style="list-style-type: none"> <li>Jazz Band (one year)</li> <li>Advanced Jazz Band (one year)</li> <li>String Orchestra (one year)</li> <li>Chorus (one semester or one year)</li> </ul>	<ul style="list-style-type: none"> <li>Drawing 1 (one semester)</li> <li>Drawing 2* (one semester)</li> <li>Painting 1* (one semester)</li> <li>Painting 2* (one semester)</li> <li>Urban Art (one semester)</li> <li>Ceramics 1 (one semester)</li> <li>Ceramics 2 (one semester)</li> <li>Photography (one semester)</li> </ul>
Performing Arts	
<ul style="list-style-type: none"> <li>Drama 1 (one year)</li> <li>Drama 2 (one year)</li> <li>Producing the Play (one semester)</li> </ul>	<ul style="list-style-type: none"> <li>Computer Arts 2 (one semester)</li> <li>The Art of Film and Video (one year)</li> <li>AP Art and Design (one year)</li> </ul>

\* Required for AP Art and Design

### GRADUATION REQUIREMENT

All students must successfully complete one required year-long fine arts course.

## FINE AND PERFORMING ARTS (CONTINUED)

### FINE ARTS

#### CERAMICS 1 ART111/112

- Gr: 10 – 12
- Semester Course
- Prerequisite: Drawing 1 and Design, Drawing 1 or Computer Art.

This course will introduce students to develop facility with a plastic medium and explore pottery as a three-dimensional form. Students will gain an understanding of art history, cultures and motivation in ceramic art. Students will create work of both form and function.

#### CERAMICS 2 ART131/132

- Gr: 10 – 12
- Semester Course
- Prerequisite: Drawing and Design or Drawing 1 and Ceramics 1

This course presents students with an advanced study of a three-dimensional art form and further encourages them to develop their facility with clay as a plastic medium. Students will reflect on the symbolism and universal nature of historical pottery and distinguish elements that they can use to influence their own work. A more advanced study of pottery will demand a mastery of technique and focused attention. This self-reflection will invite students to create objects beyond basic pottery and develop, design, build and decorate their own personal forms. Evaluation of these discoveries will help students develop a strong understanding of three-dimensional design as it applies to the functional forms of pottery and decorative forms of sculpture.

#### COMPUTER ART\* ART511/512

- Gr: 9 – 12
- Year Course

Computer Art is a year-long course in which students have the opportunity to become highly skilled at using computers to create art. They use a variety of cutting edge programs (Adobe Photoshop, Flash Animation, Illustrator, etc.) for this class as well as learn about different styles and cultural influences on the medium. Students learn how to integrate traditional art methods with the most technologically current tools. Examples of projects are traditional "drawings," video games, short movies, music videos, poster design and web page design.

#### COMPUTER ART 2 ART521

- Gr: 10 – 12
- Semester Course
- Prerequisite: Computer Art 1

Students will deepen their knowledge of computer art in this course. They will learn how to design, model and animate 3-D characters, environments and props to create a short movie and video game. This class will incorporate skills in traditional art, computer art, math, and English. Students will learn Maya, the computer application that is an industry standard 3-D animation program.

#### DRAWING AND DESIGN \* ART313/314

- Gr: 9 – 12
- Year Course

In this full year course, students study a wide variety of techniques and styles ranging from life-like rendering projects to abstract design. The course is organized to give students the tools to create the form of art in which they are interested, with a focus on the principles of art and the elements of design. Some of the materials used are: pencil, pen, ink, quill, chalk, conte crayon, colored pencil, airbrush, oil pastel and collage. This course is designed to prepare the student for upper division art classes as well as allow students to feel confident in their drawing abilities.

#### DRAWING 1 ART311/312

- Gr: 10 – 12
- Semester Course

This semester course provides students with an opportunity for an in-depth exploration of a wide range of drawing techniques, emphasizing design principles. Some of the materials to be used are pencil, colored pencil, ink, charcoal, airbrush, chalk, and oil pastel. Students will gain understanding of art, style, and motivation in relationship to their own art.

#### DRAWING 2 ART321/322

- Gr: 10 – 12
- Semester Course
- Prerequisite: Drawing and Design or Drawing 1

In this course, students will have the opportunity to explore in depth the skills learned in Drawing and Design or Drawing 1. Students will begin to use the tools they have acquired to make art that is meaningful to them. Materials range from colored pencil, ink, pen, graphite, collage, to oil pastel.

## FINE AND PERFORMING ARTS (CONTINUED)

### PAINTING 1 ART211/212

- Gr: 10 – 12
- Semester Course
- Prerequisite: Drawing and Design, Drawing 1 or Computer Arts 1

This semester painting course will provide students an opportunity to be introduced to various painting mediums and surfaces such as watercolor, acrylics, inks, and mixed media using paper and canvas. Students will hone their craft and learn to manipulate the materials to create the art they love.

### PAINTING 2 ART231/232

- Gr: 10 – 12
- Semester Course
- Prerequisite: Drawing and Design OR Drawing 1 or Computer Arts AND Painting 1

This course offers students the opportunity to explore advanced painting by further developing their technical skill and finding out who they are as a painter. The assignments allow students to find their voice as an artist and to create work that they find personally meaningful. Acrylics, watercolor, ink, and gouache are the mediums used in this advanced class.

### PHOTOGRAPHY PHO011/012

- Gr: 10 – 12
- Semester Course
- Prerequisite.: Completion of a year-long fine arts class

This course will develop student understanding of photography both as an art form and as a technical skill. Students will be introduced to select equipment and techniques used in producing quality photos. In addition to learning traditional photography elements, students will become masters of digital photography. Built from a traditional foundation, students will experiment and produce works through Adobe™ Lightroom and Adobe™ Photoshop.

### ART OF FILM AND VIDEO ART543/544

- Gr: 10 – 12
- Semester Course
- Prerequisite: Completion of a year-long fine arts class

In this course students will learn to create quality video productions, studying the art of directing and editing to produce a variety of projects for the teacher, students, and the school. Students will also study the history of film and documentary and will create their own.

### URBAN ART ART351/352

- Gr: 10 – 12
- Semester Course
- Prerequisite: Drawing and Design, Drawing 1 or Computer Art 1

This course will allow students the opportunity to study art experiences unique to cities and city life. The Bay Area has a rich tradition of public art and this will serve as a backdrop and resource for their study. Students will learn the origins of public art, social and political movements in art, and become familiar with the work of mural artists. Additionally, students will discover how to address current events through their own artwork.

### AP ART AND DESIGN ART411/412

- Gr: 11 – 12
- Year Course
- Prerequisite for Drawing: Drawing 1 or Drawing and Design or Computer Art 1, and Drawing 2, Painting 1, Painting 2, and instructor approval
- Prerequisite for 2-D Design: Drawing 1 or Drawing and Design, Drawing 2, Painting 1, Painting 2, and instructor approval
- Prerequisite for 3-D Design Portfolio: Drawing 1, Drawing 2, Ceramics 1, Ceramics 2, Painting 1 and instructor approval Students who do not meet the prerequisite for this course may submit an AP Art Prerequisite Challenge form to be considered for enrollment.

This AP Art course is one in which students produce a portfolio to be judged by the College Board. The portfolio consists of a maximum of 20 works of art. The work should reflect first year college level standards. This course is for accelerated student artists. The AP program offers three portfolios: Drawing, 2-D Design, and 3-D Design. The portfolios share a basic, two-section structure which requires the student to show an advanced competence and range of understanding in visual concerns (and methods). Each of the portfolios asks the student to demonstrate a depth of investigation and process of discovery through the Sustained Investigation section (Section I). The Quality section (Section II) permits the student to select the works that best exhibit a synthesis of form, technique, and content. These pieces are physically sent to the AP board.

## FINE AND PERFORMING ARTS (CONTINUED)

### ART WORKSHOP ART001/002

- Gr: 12
- Year Course
- Prerequisite: Drawing and Design or Drawing 1, Drawing 2, Painting 1 and one or more of: Painting 2, Urban Art, Photography, or Computer Art 1

Art Workshop is a class for students who have taken many art classes and want further art studies. Students who take Art Workshop will work alongside AP Art and Design students but will have slightly fewer requirements and will not have to submit their portfolio.

### PERFORMING ARTS - DRAMA

#### DRAMA 1 DRM111/112

- Gr: 10 – 12
- Year Course
- Prerequisite: Performing Arts 1 and/or invitation of the instructor

This course offers continued instruction in acting and the study of theater as an art form. Special emphasis is placed on scene work and character study. Students are asked to create, write, and perform scenes. Participation in school plays is encouraged.

#### DRAMA 2/3 DRM231/232

- Gr: 11 – 12
- Year Course
- Prerequisite: Drama 1 and/or invitation of the instructor

This course in advanced acting focuses on helping each student develop potential as a performer. Special emphasis is placed on the study of acting techniques. Students are introduced to the study of Theater Sports and Shakespeare. Participation in school productions is encouraged.



### PERFORMING ARTS \* DRM013/014

- Gr: 9 – 12
- Year Course

This course explores the art of theater through scene work, improvisation, theater history, playwriting, film, and monologues. Students develop teamwork and problem solving skills working in groups. Students create, rehearse, and perform a final presentation.

### PERFORMING ARTS - MUSIC

#### CHORUS \* MUS701/702

- Gr: 9 – 12
- Semester/Year Course

This course offers instruction in singing and helps students to develop their voices to their fullest potential. Students perform a variety of music in class and at concerts, worship services, and other occasions.

#### DIGITAL MUSIC STUDIO \* MUS811/812

- Gr: 9 – 12
- Year Course

In this course, students will acquire the audio arts skills to create quality music in digital form. There will be an emphasis on the uses of communication (speech, language and writing) and organizational skills. The course will include cultural and historical aspects of music as well as the fundamentals of music theory. It will begin with a comparison of the mediums of live music and digital sound. Students will learn the basic skills to produce their own music and then take an in-depth look at the nature of audio composition and communication. Students will study the art of digital music composition and music editing, applying them to produce a variety of projects.

## FINE AND PERFORMING ARTS (CONTINUED)

### JAZZ BAND \* MUS521/522

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** Some prior training on a musical instrument and an audition.

This is a year-long class designed for students interested in learning how to play jazz. Students are first taught how to speak and play the jazz language and to read jazz charts. In addition, basic jazz theory and improvisational techniques will be covered in class and applied to repertoire in rehearsal and performance. Beginning Jazz Band will also explore the study of other related musical styles, such as rock, swing, and ballads. Several performances outside of school are required.

### ADVANCED JAZZ BAND \* MUS511/512

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** Concurrent enrollment in Symphonic Band (for all wind instrument players) and at least three years experience on saxophone, trombone, trumpet, bass, piano, guitar or drums and audition or approval of director. Students play big band jazz music in this course and are introduced to jazz improvisation. Students learn chord and scale structures. The students listen to various musical selections depicting a variety of jazz styles that include: blues, Latin, jazz, rock fusion, swing, and shuffle. To display what they have learned, this class performs in concerts.



### STRING ORCHESTRA \* MUS411/412

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** At least three years experience on violin, viola, cello, string bass or piano and an audition.

Students will play a variety of string orchestral music, ranging from the Renaissance through the modern era. Scale and chord structure will be taught. To display what they have learned, this class performs in concerts.

### SYMPHONIC BAND \* MUS311/312

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** At least two years experience on a band instrument and an audition or approval of the director.

This course offers the student who has advanced techniques on a woodwind, brass or percussion instrument the opportunity to rehearse and perform in a band. Intermediate to advanced level band literature from baroque to modern era will be played. Students will also work out of an advanced technique method book and utilize a choral book by J.S. Bach. This course is offered before school at 7:30 a.m. ("X" Period).

### FINE/PERFORMING ARTS TEACHER ASSISTANT ART491/492 (Art)

#### DRM491/492 (Drama)

#### MUS991/992 (Music)

- **Gr: 12**
- **Semester Course**
- **Prerequisite:** Successful completion of a fine or performing arts course with a "B" grade or higher, if applicable. Teacher and department chairperson approval indicated on permission slip with accompanying course request form.

Students will assist teachers in: performing clerical tasks; helping students with assignments and resources; conducting research for teachers; preparing equipment and set-ups for classes. Students may not grade assignments or access teacher's grade books. Teacher assistants will be assigned to the teacher who approves them.



# MATHEMATICS AND COMPUTER SCIENCE

Mathematics and Computer Science provide a system to create abstract models that help us understand the relationships in our world. Mathematics not only prepares students for a wide variety of college majors, but it forms the basis for an analytical skill set which is important for all global citizens.

Our current technology, science, and innovation is built on mathematics, and O'Dowd equips our students to solve the problems of the future. To this end, the faculty of the Math and Computer Science Department strives to assist every student to:

- Use algebra, geometry, computational thinking, and technology as a foundation to develop competence and confidence in the areas of analytical reasoning and problem solving.
- Develop a growth mindset; cultivate perseverance in solving problems, making conjectures, and embracing/celebrating mistakes as learning opportunities.
- Build a lasting affinity for math through a positive learning experience; develop a sense of the joy and beauty of mathematics as a crowning human achievement, a very powerful tool, and a mode of understanding and measuring the world (God's creation).



## REQUIRED SEQUENCE

The required math sequence involves a minimum of three years of study. Requirements can be satisfied through a variety of course options.

REQUIREMENT	COURSE OPTIONS
<b>Algebra 1 (one year)</b>	<ul style="list-style-type: none"> <li>• <b>Algebra 1 (one year)</b></li> </ul>
<b>Geometry (one year)</b>	<ul style="list-style-type: none"> <li>• <b>Geometry (one year)</b></li> <li>• <b>Geometry w/Adv. Algebra 1 (one year)</b></li> </ul>
<b>Algebra/Trigonometry</b>	<ul style="list-style-type: none"> <li>• <b>Algebra 2/Trigonometry (one year)</b></li> <li>• <b>Honors Algebra 2/Trigonometry (one year)</b></li> </ul>

## ELECTIVE COURSES

Beginning in sophomore year, students may enroll in a wide range of math electives. Unless otherwise noted, all electives are year-long courses.

Advanced Placement	Other Electives
<ul style="list-style-type: none"> <li>• <b>AP Calculus AB</b></li> <li>• <b>AP Calculus BC</b></li> <li>• <b>AP Statistics</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Pre-Calculus</b></li> <li>• <b>Finite Mathematics</b></li> <li>• <b>Math Independent Study</b></li> </ul>
<b>Computer Science</b> <ul style="list-style-type: none"> <li>• <b>App Development (one semester)</b></li> <li>• <b>AP Computer Science</b></li> <li>• <b>AP Computer Science Principles</b></li> <li>• <b>Computer Science Independent Study</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Honors Pre-Calculus</b></li> <li>• <b>Multi-Variable Calculus</b></li> <li>• <b>Data Science</b></li> </ul>

## GRADUATION REQUIREMENTS

All students must successfully complete a course in Algebra 1 prior to entering 11th grade. Students must successfully complete six consecutive semesters of mathematics up to and including a minimum level of Algebra 2.

# MATHEMATICS AND COMPUTER SCIENCE (CONTINUED)

## FLEX SUPPORT MATH FLEX093/094

- **Gr: 9**
- **Year Course - Single Block (70-minute class every other day)**

Placement is determined by the Math and Quantitative scores on the HSPT, grades and teacher recommendation. Optionally, students may take the department's Math Readiness Assessment test (date announced in admission packet) to attempt to test out of the flex support.

This support class is designed for students in Algebra 1 who need remediation in some foundational Pre-Algebra and Algebra 1 topics in addition to support with ongoing Algebra 1 curriculum. Throughout the semester, qualified students will be afforded the opportunity to test out Flex Support. Qualified students have a B or higher in Algebra 1, have addressed the key foundational Pre-Algebra and Algebra 1 topics, and can work independently on the material in Flex Support.

## GEOMETRY WITH ADVANCED ALGEBRA 1 MAT201/202

- **Gr: 9**
- **Year Course**

This course is designed for incoming students who have studied a full year of algebra in 7th or 8th grade. Results from the Geometry Readiness test indicate mastery of some Algebra 1 concepts but a need for additional reinforcement and review of many Algebra 1 topics during the study of geometry. Algebra 1 topics will be integrated throughout the year; graphing, solving equations, functions (linear, quadratic, inverse variation, absolute value, and exponential doubling), fractions, systems of equations and inequalities, translations of graphs and real world modeling with linear, quadratic and rational functions. Geometry topics will include reasoning and proof, constructions, lines, angles, triangles, quadrilaterals, circles, polygons, solids, elementary trigonometry, and transformations. Students earning less than a C- in this course must raise their grade in summer school. Upon successful completion of this course, students will be placed as sophomores into Algebra 2/Trigonometry or Honors Algebra 2/Trigonometry.

## ADVANCED ALGEBRA 2/TRIGONOMETRY MAT331/332

- **Gr: 10 – 11**
- **Year Course**

Placement is determined by grades in Algebra and Geometry, diagnostic test results, and department recommendation.

This course will expand upon the fundamental concepts of algebra and extend into the study of: relations, functions and transformations; exponential, power and logarithmic functions; matrices and linear systems; quadratic and polynomial functions; irrational and complex numbers; parametric equations and trigonometric functions; conic sections and rational expressions; and arithmetic and geometric series.

Freshman can be placed into this course if they have completed a full year of algebra 1 and full year of geometry at their middle school.

## FINITE MATHEMATICS MAT721/722

- **Gr: 10-12**
- **Year Course**
- **Prerequisite:** Algebra 2/Trigonometry or teacher recommendation.

This course will cover various advanced mathematical topics with a focus on practical applications and concrete calculations that relate directly to daily life. These topics include: logic, counting techniques, probability, statistics, linear systems, finance, and game theory. This course will emphasize discerning utilization of mathematical formulas, efficiency and optimization, use of technology for both calculations and presentations, and collaborative work on small and large projects. The students will learn practical skills and knowledge that can be applied to many non-STEM fields of study and professional environments.

## MATHEMATICS AND COMPUTER SCIENCE (CONTINUED)

### PRE-CALCULUS MAT411/412

- **Gr: 10 – 12**
- **Year Course**
- **Prerequisite:** Algebra 2/Trigonometry or Honors Algebra 2/Trigonometry, diagnostic test results and department approval, or a B+ or better for both semesters of Finite Math and the teacher's recommendation.

This course involves an in-depth study of the topics that lead to calculus. This includes relations, functions, trigonometry, discrete mathematics, probability and an introduction to limits, derivatives and integrals.

### HONORS PRE-CALCULUS MAT311/312

- **Gr: 10 – 12**
- **Year Course**
- **Prerequisite:** B+ or better in Honors Algebra 2/Trigonometry for both semesters and the teacher's recommendation OR A in Algebra 2/Trig, GPA over 3.5, and recommendation from Algebra 2/Trigonometry teacher and a 70% or better on the placement diagnostic exam given in January.

This is an accelerated course for students who are one or two years ahead in their math studies. The course involves an in-depth study of the topics that lead to calculus. This includes relations, functions, trigonometry, discrete mathematics, probability and an introduction to limits, derivatives and integrals.

### DATA SCIENCE MAT423/424

- **Gr: 11 – 12**
- **Year Course**
- **Prerequisite:** Algebra 2/Trigonometry and teacher recommendation.

Data Science is a first course in probability and statistics from an applied perspective. There is an emphasis on using technology to solve statistical problems. Students will learn the fundamentals of the statistical language R, as well as calculator and spreadsheet based commands, to solve statistical problems. Some of these solutions will take the form of simulations, done in R, a spreadsheet, or on the calculator. Data Science covers the material found in a traditional statistics course: data collection and summarization, regression, probability, random variables, and statistical inference.

### MULTIVARIABLE CALCULUS (HONORS) MAT621/622

- **Gr: 11 – 12**
- **Year Course**
- **Prerequisite:** AP Calculus BC and teacher recommendation or AP Calculus AB with summer work and a teacher recommendation.

Differential calculus is the study of functions of two or more variables. This course will cover: vectors and vector-valued functions in 2-space and 3-space, tangent and normal vectors, curvature, functions of two or more variables, partial derivatives and differentiability, directional derivatives and gradients, maxima and minima, optimization using Lagrange multipliers.

### MATH INDEPENDENT STUDY MATH811/812

- **Gr: 11 – 12**
- **Semester Course**
- **Prerequisite:** All independent study options must be approved by the department chairperson.

Independent Study is offered to serious, motivated students who wish to pursue in-depth study of a specific subject area of mathematics in which the student is deeply interested. The student will work outside the regular classroom routine in conjunction with a faculty member. Independent study may not duplicate a course contained in the regular curricular offerings and must be at least an additional course on the student's roster. Independent studies may not be used to fulfill graduation requirements. The student, in cooperation with the faculty member, must design specific guidelines, goals, and criteria for the course.

### MATHEMATICS TEACHER ASSISTANT MAT911/912

- **Gr: 12**
- **Semester Course**
- **Prerequisite:** completion of department application with teacher and department approval.

Students will assist teachers in: performing clerical tasks; helping students with assignments and resources; conducting research for teachers; preparing equipment and set-ups for classes. Students may not grade assignments or access teacher's grade books. Teacher assistants will be assigned to the teacher who approves them.

## MATHEMATICS AND COMPUTER SCIENCE (CONTINUED)

### ADVANCED PLACEMENT

The Mathematics Department offers an advanced placement program for qualified students, based upon the advanced placement course descriptions of the College Board. Success in the program may result in advanced placement credit for college mathematics courses. Students enrolled in an advanced placement class must take the AP exam.

### AP CALCULUS AB MAT613/614

- **Gr: 10 – 12**
- **Year Course**
- **Prerequisite:** A B in Pre-Calculus or B- in Honors Pre-Calculus; a 60% or better on the diagnostic test and department recommendation. Students who do not meet the prerequisite for this course may submit a Math Prerequisite Challenge form to be considered for enrollment.

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics

in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.



### AP CALCULUS BC MAT611/612

- **Gr: 10 – 12**
- **Year Course**
- **Prerequisite:** An A in Pre-Calculus or a B in Honors Pre-Calculus, a 70% or better on the diagnostic test and department recommendation. Students who do not meet the prerequisite for this course may submit a Math Prerequisite Challenge form to be considered for enrollment.

This course develops the concepts of calculus thoroughly. The topics of limits, derivatives, definite integrals and indefinite integrals are analyzed through more rigorous proof and with more complex functions than in the AP Calculus AB course. Additional topics include differential equations, polar coordinates, parametric equations, vector calculus, and infinite series. This course will prepare students to take the AP Exam for Calculus BC, which gives students both a Calculus BC score and a Calculus AB subscore.

### AP STATISTICS MAT711/712

- **Gr: 10 – 12**
- **Year Course**
- **Prerequisite:** An A in Algebra 2/Trigonometry or B in Pre-Calculus, Honors Pre-Calculus, Applied Calculus or AP Calculus, diagnostic test results and department recommendation. No summer work is required. Students who do not meet the prerequisite for this course may submit a Math Prerequisite Challenge form to be considered for enrollment.

This is an in-depth course equivalent to college statistics. Topics will be exploratory analysis of data using graphical and numerical techniques, planning and conducting a study, probability and statistical inference. This course will prepare students for the AP Exam for Statistics.

COMPUTER SCIENCE

AP COMPUTER SCIENCE PRINCIPLES  
CSC133/134

- **Gr: 10 – 12**
- **Year Course**
- **Prerequisite:** Geometry with Advanced Algebra 1. Students do not need to have prior knowledge of any programming language.

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. Over 100 universities and colleges have committed to support the AP Computer Science Principles course and exam by developing a credit or placement policy.

AP COMPUTER SCIENCE A  
CSC131/132

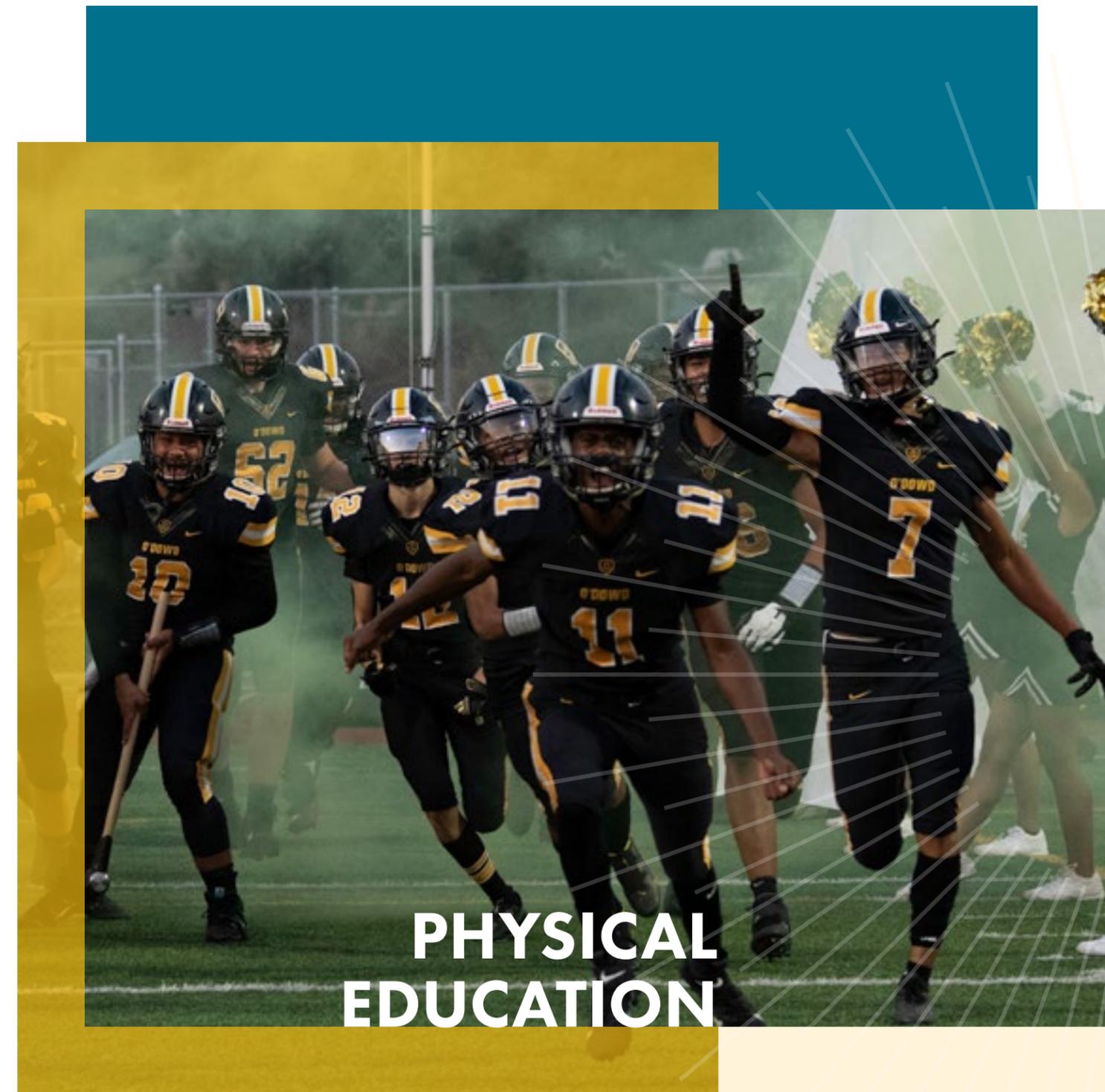
- **Gr: 10 – 12**
- **Year Course**
- **Prerequisite:** Cumulative GPA of 3.25, previous programming experience and approval of the instructor. Students who do not meet the prerequisite for this course may submit a Math Prerequisite Challenge form to be considered for enrollment.

AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

COMPUTER SCIENCE INDEPENDENT STUDY  
CSC811/812

- **Gr: 11 – 12**
- **Semester Course**
- **Prerequisite:** All independent study options must be approved by the department chairperson.

Independent Study is offered to serious, motivated students who wish to pursue in-depth study of a specific subject area of mathematics in which the student is deeply interested. The student will work outside the regular classroom routine in conjunction with a faculty member. Independent study may not duplicate a course contained in the regular curricular offerings and must be at least an additional course on the student's roster. Independent studies may not be used to fulfill graduation requirements. The student, in cooperation with the faculty member, must design specific guidelines, goals, and criteria for the course.



## PHYSICAL EDUCATION

The physical education program involves students physically, intellectually, emotionally, and socially in the learning process. Self-discipline, perseverance, patience, support, teamwork, and sportsmanship are core to the curriculum.

The physical education program is designed to help students commit to active, healthy lifestyles. Daily participation in class activities is vital to student success in our physical education curriculum.

Students experience a wide variety of recreational activities and explore many health topics including values, exploration, stress management, nutrition, and substance abuse. The department strives to develop lifelong learners and fit, confident young adults who have the knowledge and motivation to make healthy lifestyle choices.



### REQUIRED SEQUENCE

All students must complete the full 10th grade year of P.E./Health Education. Students may choose any two semesters of "Upper Division" course offerings to fulfill graduation requirement.

REQUIREMENT	COURSE OPTIONS
<b>10th Grade Physical Education</b> (one year)	Includes Health Education
<b>UPPER DIVISION COURSES</b>	
<b>Beginning Yoga</b> (one semester)	Open to juniors and seniors
<b>Physical Conditioning</b> (one semester)	Open to juniors and seniors
<b>Upper Division Physical Conditioning</b> (one semester)	Open to juniors and seniors
<b>SENIOR ELECTIVE</b>	
<ul style="list-style-type: none"> <li>• <b>Student Athlete Physical Education</b> (one semester)</li> </ul>	
<b>GRADUATION REQUIREMENTS</b>	
<p>Students participating in Bishop O'Dowd High School team sports may waive up to 10 of the 20 required credits in physical education. One season of O'Dowd team sports fulfills one semester of P.E. credit. Students must apply for credit at the semester break immediately following their O'Dowd team's season. Waiver forms are available on the school website at <a href="http://www.bishopodowd.org">www.bishopodowd.org</a> on the "Academics" tab. No waiver is available for the full sophomore year of P.E./Health Education.</p>	

## PHYSICAL EDUCATION (CONTINUED)

### 10TH GRADE PHYSICAL EDUCATION

**PHY211/212 (Male)**

**PHY221/222 (Female)**

- **Gr: 10**
- **26 weeks**

This course includes participation in appropriate vigorous total body activities which are geared to make the student more physically fit, socially adjusted, and equipped with recreational skills. The following sport and game activities may be presented during the course: stretching and flexibility exercises, cardiovascular improvement drills, jogging, volleyball, basketball, touch/flag football, softball, aerobics, soccer, badminton, Ultimate Frisbee and team handball. Physical education activities take place for 26 weeks. The Health Education course lasts for ten weeks. This sophomore course is required and cannot be waived.

### HEALTH EDUCATION

- **Gr: 10**
- **10 weeks**

This ten-week course will present the student with a cursory exploration of a variety of health topics and issues. Students will survey stress-related issues, nutrition facts and concepts, and drug and alcohol composition and its use and effects. Some basic first-aid concepts and other topics relative to adolescent development will also be explored.

### PHYSICAL CONDITIONING

**PHY411/412**

- **Gr: 11 – 12**
- **Semester Course**

This course is specifically designed to meet the physical fitness needs of all athletically involved students. The course will be a concentrated, individualized weight-training program used in conjunction with conditioning, flexibility and agility drills. The training in this class will have direct carry-over to the school's interscholastic athletic program, but participation in athletics is not a prerequisite.

### STUDENT ATHLETE P.E.

**PHY821/822**

- **Gr: 9 – 12**
- **Semester Course**

Students on a O'Dowd sports team can waive a semester of the four required semesters in physical education. Students may receive five credits for each season of a sport with a maximum of ten credits or two semesters.

Credit is awarded retroactively. One year of P.E. is required during the sophomore year and cannot be waived. Students who complete up to two seasons of a school-sponsored sport, at any level, will automatically be granted up to two semesters of PE credit.

### UPPER DIVISION PHYSICAL EDUCATION

**PHY311/312**

- **Gr: 11 – 12**
- **Semester Course**

Skill techniques developed in the lower division courses are an essential part of this course. Each student will be individually supervised to ensure adequate performance of the various skills.

### BEGINNING YOGA

**PHY611/612**

- **Gr: 11 - 12**
- **Semester Course**

The Beginning Yoga class is an upper division elective alternative to a standard sports oriented physical education class. Basic yoga will provide basic poses (postures) and routines that are physically demanding and designed to condition the physical body including flexibility, muscular strength and endurance, body composition, and cardiovascular capacity. The class will include breathing techniques and relaxation/meditation methods to enhance student's concentration, to reduce stress and to experience the connection between the mind and body. Students will have the opportunity to experience the benefits of relaxation and how it applies to their day-to-day life.

### PHYSICAL EDUCATION TEACHER ASSISTANT

**PHY911/912**

- **Gr: 12**
- **Semester Course**

Prerequisite: Successful completion of prior physical education courses with a "B" grade or higher. Teacher and department chairperson approval indicated on permission slip with accompanying course request form.

Students will assist teachers in: performing clerical tasks; helping students with assignments and resources; conducting research for teachers; preparing equipment and set-ups for classes. Students may not grade assignments or access teacher's grade books. Teacher assistants will be assigned to the teacher who approves them.



# RELIGIOUS STUDIES

## RELIGIOUS STUDIES

Our Religious Studies Department honors, presents, and explains the teachings and traditions of our Roman Catholic faith, while respecting and embracing the diversity of religious backgrounds and beliefs students bring to our school community.



The Religious Studies Department offers a range of subjects focusing on Catholic Traditions, Scripture, adolescent development, social issues, spirituality, and ethics. Courses are designed to provide students with an understanding of religion, ethics, and service for the person and for society.

Class sessions emphasize cooperative learning, service, reflection, group projects, and discussion, as well as traditional lectures. Students are required to take a religion course each semester.



### REQUIRED SEQUENCE

#### REQUIRED COURSES

- **Hebrew Scriptures** (freshman)
- **Sexuality and Spirituality** (freshman)
- **Christian Scriptures** (sophomore)
- **The Catholic Experience** (sophomore)
- **Christian Morality** (junior)
- **Peace & Justice** (junior or senior)

#### ELECTIVE COURSES

Elective courses are offered to juniors and seniors and are grouped into three areas: spiritual development, personal development, and ethical development. It is recommended that students choose a course from each area.

##### Spiritual Development

- **Atheism & Faith**
- **Church & The African American Experience**
- **Spiritual Ecology**
- **World Religions**

##### Ethical Development

- **Bioethics**
- **Ethics and Media**

##### Personal Development

- **Feminism, Christianity, and Society: Women's Issues in Religion**
- **Marriage & Family**
- **Masterpieces of Western Religious Art**

##### Project-Based

- **Theological Research** (senior option)

#### GRADUATION REQUIREMENTS

Students are required to take a religion course each semester.

## RELIGIOUS STUDIES (CONTINUED)

### HEBREW SCRIPTURES

#### REL113

- **Gr: 9**
- **Semester Course**

The Hebrew Scriptures course introduces students to the world of the People of Israel in the Bible. The course explores the People's relationship with God through a study of the characters, history, stories, traditions, and rituals of Ancient Israel. Important themes are Images of God, Dignity of the Human person, Revelation, Covenant, Prayer, Prophecy, Justice, and Messianic Hope. The course provides the groundwork and framework for an understanding of Judaism at the time of the Birth of Christ. The 9th grade Community Service learning project is integrated into this course curriculum. Students will work in areas that will deepen their relationship to the natural world. They will learn how environmental degradation is a social justice issue which affects us all, especially marginalized communities.

### SEXUALITY & SPIRITUALITY

#### REL116

- **Gr: 9**
- **Semester Course**

This course promotes the Catholic perspective that sexuality is a gift, blessing and "sacrament." Topics include the nature of love, anatomy, the phases of physical development in the body, the psychological dynamics of human relationships and development as well as dating, relationships, conception, and childbirth. Additionally, a Christian perspective on sexuality is placed into dialogue with contemporary cultural norms. The course aims to lead students to healthy and respectful use of the gift of sexuality.

### THE CATHOLIC EXPERIENCE

#### REL214

- **Gr: 10**
- **Semester Course**

The Catholic sacramental vision "sees" God in and through all things. Jesus is the Great Sacrament of our encounter with God. The Church is the key sacrament of our encounter with Christ, and students will explore important periods of the Church's history. This course focuses on an understanding of the Catholic sacramental tradition in the light of Catholic experience through history, worship, the seven particular sacraments, and the Church's relation to other Christian and non-Christian traditions. Important developments in the theology of both church and sacraments will be seen from historical and ecumenical

perspectives. All 10th graders must complete the Friends Project, mentoring children or adults with disabilities, before April 30.

### CHRISTIAN SCRIPTURES

#### REL213

- **Gr: 10**
- **Semester Course**

This course continues the study of the scriptures started in the Hebrew Scriptures course. The history and hope of the People of Israel are revisited as students enter into the world of Judaism at the time of the coming of Jesus of Nazareth. Students learn about the person and message of Jesus through study of the early Christian communities and their "gospels." Central course topics are Christology, Stages of Gospel Development, Jesus' Ministry, Parables, the Cross and Resurrection, Church as Community/Body of Christ, and the Call to Discipleship and Christian Service. Course curriculum incorporates service learning with a one-day St. Anthony Justice Education experience. Additionally, all sophomores must complete the Friends Project, mentoring children or adults with disabilities, before April 30.

### CHRISTIAN MORALITY

#### REL311/312

- **Gr: 11**
- **Semester Course**

This course helps students take a critical look at their lives while challenging them to moral excellence. Through exploring moral philosophies, ethical theories, and the core teachings of Christianity, students will learn the importance of enlightened moral decision making. Critically reflecting on their own moral practice, this course calls students to greater responsibility and virtue. Topics include moral philosophies, major ethical theories, moral development, character and virtue, and the moral teachings of Jesus and the Church.



## RELIGIOUS STUDIES (CONTINUED)

### CHRISTIAN MORALITY ONLINE REL315/316

- Gr: 11
- Semester Course

This course helps students take a critical look at their lives while challenging them to moral excellence. Through exploring moral philosophies, ethical theories, and the core teachings of Christianity, students will learn the importance of enlightened moral decision making. Critically reflecting on their own moral practice, this course calls students to greater responsibility and virtue. Topics include moral philosophies, major ethical theories, moral development, character and virtue, and the moral teachings of Jesus and the Church. This is not a self-paced course: students must “log-in” to class multiple times a week, work independently and in groups, and meet regularly scheduled deadlines.

This required course can also be completed during the summer through the Bishop O’Dowd High School Summer Academy.

### PEACE & JUSTICE REL541/542

- Gr: 11 – 12
- Semester Course
- **Prerequisite:** Christian Morality course; students must have begun their Anawim service learning project with Service Contract signed and submitted.

The mission of Bishop O’Dowd High School is fulfilled only when graduates, motivated by their faith and critical thinking skills, commit to working for a just and peaceful world. The overall goal of this final core course is that

students will strengthen their personal commitment to social justice and will actively seek ways to be agents of justice in their communities and the world. Aided by scripture, Catholic Social Teaching and theories of oppression, students will be led to critical analysis of institutional violence and understanding of the Gospel imperative to fight injustice with love and creative non-violence. This course fully integrates the components of the Anawim Project and is meant to be a culmination of the student’s entire service-learning experience at O’Dowd. This is accomplished by integrating the project’s completion requirements (work evaluation, journal, final paper) into the formal assessment/grading of the Peace and Justice course.

## JUNIOR/ SENIOR ELECTIVES

### ATHEISM AND FAITH REL412

- Gr: 11 – 12
- Semester Course

This course incorporates both the theological and philosophical foundations of faith development by looking at the different aspects of the faith journey and analyzing the historical through modern day scholars from the Catholic Christian perspective, as well as the agnostic and atheistic perspectives. The course focuses on the importance of understanding the Judeo Christian God with the central questions of why suffering exists and how we approach it, the focus on what challenges our belief systems, the importance of faith and science coexisting. Students are invited to analyze their own personal position on questions of faith.

## RELIGIOUS STUDIES (CONTINUED)

### BIOETHICS REL431

- Gr: 11 – 12
- Semester Course

This course deals with the technical and moral aspects of modern medical and scientific advancements such as test tube babies, transplants, genetic engineering, cloning, euthanasia and population control. It aims to prepare students to make intelligent decisions consistent with our Christian faith in the face of modern technological challenges and dilemmas. Catholic teaching on social, moral and medical issues is a special source of guidance in our study.

### CHURCH IN THE AFRICAN-AMERICAN EXPERIENCE REL442

- Gr: 11 – 12
- Semester Course (Alternating Years)

This course is offered every-other year and will be offered in the upcoming 2023-24 school year. This course calls students to a recognition of the gifts that African-American spirituality and religious expression have to offer the whole Church: a theology which makes the Good News relevant to our lived experience, a unique openness to the Spirit, full participation in liturgy and worship, a rich and beautiful gospel music tradition, and the eloquence and power of black preaching.

### ETHICS AND MEDIA REL451

- Gr: 11 – 12
- Semester Course

This course equips students to become more intelligent consumers of media. As they practice critiquing various news sources for accuracy, relevancy, truthfulness and ethical values, they will learn how to uncover the bigger societal issues that drive our news stories. Media has become one of the most potent communicators of self-definition, information, and values in our society. This course explores media’s presence and potency in American culture and analyzes media methods and values from the standpoint of the Gospel and Christian faith. Since media permeate every aspect of our lives, they warrant an intelligent and critical response to the way they challenge us to define ourselves, our values and our faith in the modern world. Multiple forms of media will be examined from historical, sociological, and ethical perspectives.

### ETHICS AND MEDIA ONLINE REL457

- Gr: 11 – 12
- Semester Course

This course equips students to become more intelligent consumers of media. As they practice critiquing various news sources for accuracy, relevancy, truthfulness and ethical values, they will learn how to uncover the bigger societal issues that drive our news stories. Media has become one of the most potent communicators of self-definition, information, and values in our society. This course explores media’s presence and potency in American culture and analyzes media methods and values from the standpoint of the Gospel and Christian faith. Since media permeate every aspect of our lives, they warrant an intelligent and critical response to the way they challenge us to define ourselves, our values and our faith in the modern world. Multiple forms of media will be examined from historical, sociological, and ethical perspectives.

This is not a self-paced course: students must “log-in” to class multiple times a week, work independently and in groups and meet regularly scheduled deadlines.

This elective course can also be completed during the summer through the Bishop O’Dowd High School Summer Academy.

### FEMINISM, CHRISTIANITY AND SOCIETY REL462

- Gr: 11 – 12
- Semester Course (Alternating Years)

This course is offered every-other year and will be offered next in the 2022-2023 school year. The purpose of this course is to acquaint and inform the students about the issue of feminism. This course invites students to understand women’s experience and problems from early biblical times to the present. This course presents a focus on the psychology of women and how it impacts female growth and development. The study of this discipline prepares students to explore and offer suggestions for a more equitable church and society.



## RELIGIOUS STUDIES (CONTINUED)

### MARRIAGE AND FAMILY

#### REL482

- Gr: 11 – 12
- Semester Course

This course utilizes theological, sociological and psychological “lenses” to study marriage and family living. The course will begin with a review of our families of origin, then move outward towards our relationships with others outside of our family, including friendships and romantic relationships. The course will survey marriage in scripture and Catholic teaching, explore gender issues, romantic love, dating and sexuality, commitment, parenting issues, family crises, and wedding practices and marriage preparation. A vision of human love and sexuality as profoundly “sacramental” animates the entire course.

### SPIRITUAL ECOLOGY

#### REL548

- Gr: 11 – 12
- Semester Course

This course provides students with both a conceptual and applied understanding of spiritual ecology. Through theological reflection, place-based learning, and anthropological study, students dive deep into the contrast between foundations of environmental stewardship in Catholic teachings, world religions, and indigenous wisdom. Activities in this course will call on students to work regularly in nature, and to develop tangible pathways to put kinship with creation into daily practice. The course also invites students to work personally and collectively as catalysts for bringing forward an environmentally sustainable, spiritually fulfilling, and socially just human presence on this planet.

### WORLD RELIGIONS

#### REL492

- Gr: 11 – 12
- Semester Course

This course is designed to introduce the students to various significant world religions, and to familiarize them with the history, doctrine and rituals of these various religions. It will also allow the students to appreciate how the nature of religious experience is expressed in differing religious traditions. The course will include the cultural underpinnings of religion, early Native American and aboriginal spirituality, atheism, Protestant Christianity, Mormonism, Scientology, Judaism, Islam, Hinduism, Buddhism, Confucianism and Taoism.

### THEOLOGICAL RESEARCH

#### REL521

- Gr: 12
- Semester Course
- Prerequisite: GPA of 3.5 and permission of the department chairperson.

This course involves guided research into topics of a theological nature agreed upon by the student and instructor/supervisor. Time must be devoted to research, guided study and conferences which are regularly scheduled with the instructor. A minimum of twenty pages of research writing is required along with other written evidence agreed upon between the student and the instructor.

### SERVICE LEARNING PROGRAM

- Gr: 9 – 12
- Curricular Integration with Specific Religion Courses

Service learning is an educational methodology that combines academic studies with community volunteer service to meet both curricular (learning) needs and real community needs. The overall goal for O’Dowd’s Service Learning program is for students at graduation to model human connectedness through an understanding of and commitment to social justice as identified in Catholic Social Teaching. Students do this through four developmental projects that progressively teach students life skills, interpersonal communication, leadership, how to connect with marginalized people, and in conjunction with the Peace and Justice class, how to recognize, analyze and respond to social justice issues that affect the people they serve.

**9th Graders** begin through kinship with creation in the **10-hour Community Project** which enhances their understanding of the creation story in Hebrew Scriptures, and explores how environmental degradation is a social justice issue.

**10th Graders** develop leadership through mentoring children in the **25-hour Friends Project** and explore the intersection of societal injustices through Justice Education immersion days, connecting to the Catholic call to service.

**Juniors or Seniors** do one final **60-hour intensive Anawim Project** with people experiencing injustices in our world. By examining Catholic social teachings and theories of oppression and applying those to current issues faced by people they served, students develop the capacity to analyze complex social issues in light of faith and to plan effective responses.



## SCIENCE

Science provides methods for observing, collecting data, thinking critically, and solving problems. It is a body of organized information that facilitates the understanding of new information as well as a way of analyzing data and making predictions.

Science students at Bishop O’Dowd High School learn to apply foundational concepts and processing skills that will connect knowledge and applications. Laboratory practice, mathematical reasoning, computer skills, research and presentation, and ethics are all components of each course in the science curriculum.

Members of the science faculty strive to stimulate curiosity about the natural world and encourage students to form opinions and pursue problems in a scientific manner. The science curriculum offers year-long advanced studies in biology, chemistry, physics and environmental science. Students who take Advanced Placement classes will take the AP exam in May.



### REQUIRED SEQUENCE

The required science sequence involves two years of study. More science credits can be accumulated through electives after required courses are completed.

#### REQUIRED COURSES

- **Science and The Environment** (one year)
- **Biology** (one year)

#### ELECTIVE COURSES

Beginning in junior year, students may enroll in a wide range of science electives. Unless otherwise noted, science electives are year-long classes.

- |                                                      |                                                         |
|------------------------------------------------------|---------------------------------------------------------|
| • <b>Chemistry*</b>                                  | • <b>Introduction to Sports Medicine</b> (one semester) |
| • <b>Honors Chemistry*</b>                           | • <b>AP Biology</b>                                     |
| • <b>AP Chemistry</b>                                | • <b>Engineering Physics</b>                            |
| • <b>Earth and Space Science*</b>                    | • <b>Physics</b>                                        |
| • <b>AP Environmental Science</b>                    | • <b>AP Physics</b>                                     |
| • <b>Marine Biology</b> (one semester)               | • <b>Electronics</b> (one semester)                     |
| • <b>Human Anatomy and Physiology</b> (one semester) | • <b>Robotics</b> (one semester)                        |
|                                                      | • <b>Research Methods and Practice</b>                  |

\*Concurrent enrollment with biology is available to students who have met the prerequisites

#### GRADUATION REQUIREMENTS

Two years of science are required for graduation which is satisfied by the end of sophomore year, however, three or more years are recommended for college admissions.

## SCIENCE (CONTINUED)

### SCIENCE AND THE ENVIRONMENT

#### SCI141/142

- **Gr: 9**
- **Year Course**
- **This course is required for all 9th graders.**

This year-long laboratory course is required for all incoming freshman students and will focus on building a foundation of strong science practices while providing a rich, meaningful introduction to the environment and the issues associated with stewarding the earth. Students will be introduced to basic scientific methods and will have the opportunity to become familiar with common laboratory tools, data collection methods, educational technology, and analysis. This course integrates skills and knowledge in biology, chemistry, earth science, environmental science, and physics, preparing students for success in their future science classes.

### BIOLOGY

#### SCI221/222

- **Gr: 10**
- **Year Course**
- **This course is required for all 10th graders.**

Biology is a laboratory course that explores the living world. It is a comprehensive year-long course that will introduce students to the concepts that will help them to understand, predict and explain the processes and functions of organisms. Students will learn about the nature of heredity, characteristics of the major phyla of animals, the relationships between organisms and the environment within the biosphere. A strong emphasis on the concepts of evolution will be present as an overarching theme throughout the course.



### AP BIOLOGY

#### SCI211/212

- **Gr: 11 – 12**
- **Year Course**
- **Prerequisite:** A 3.5 cumulative GPA (including B in Biology and Chemistry/Honors Chemistry) and approval of the department chairperson. Students who do not meet the prerequisite for this course may submit a Science Prerequisite Challenge form to be considered for enrollment. AP Biology will require 15 to 20 hours of summer work to be completed before the first day of class.

This course explores the major biological topics that are covered in biology but at the depth of an introductory college-level course. There is a large emphasis in this course on the laboratory component in terms of data collection, analysis and critical thinking with an inquiry-based approach. All students will be prepared to take the AP Biology exam in May.

### HUMAN ANATOMY AND PHYSIOLOGY

#### SCI322

- **Gr: 11 – 12**
- **Semester Course**
- **Prerequisite: C in Biology.**

This course studies both the structure and function of human cells, tissues, organs and organ systems. All components will include laboratory applications. This course, in conjunction with Marine Biology or Sports Medicine, may be used to fulfill a year of laboratory science elective for college requirements.

### MARINE BIOLOGY

#### SCI311

- **Gr: 11 – 12**
- **Semester Course**
- **Prerequisite: C in Biology**

This course provides an introduction to a wide variety of marine ecosystems. Throughout the course, students will study the adaptations of fish and other marine species to their unique habitats. This course offers many hands-on opportunities through laboratory and field experiences. Research projects done in class are student driven allowing individuals the freedom to choose topics that interest them. This course, in conjunction with Human Anatomy and Physiology or Sports Medicine, may be used to fulfill a year of laboratory science elective for college requirements.

## SCIENCE (CONTINUED)

### SPORTS MEDICINE SCI411

- Gr: 11 – 12
- Semester Course

This course is designed to explore human anatomy and physiology and lay the foundation for further study of these sciences. Students learn how systems of the body function and interact through physical activity, and develop a thorough understanding of the structure and function of the musculoskeletal system. This knowledge serves as a platform for understanding the physiological response to injury and improving performance. This course, in conjunction with Marine Biology or Human Anatomy and Physiology, may be used to fulfill a year of laboratory science elective for college requirements.

### AP ENVIRONMENTAL SCIENCE SCI731/732

- Gr: 11 – 12
- Year Course
- **Prerequisite:** A 3.5 cumulative GPA, a B average in all high school science classes and department chair approval. This course will also require 10 hours of summer work to be completed before the first day of class. Students who do not meet the prerequisite for this course may submit a Science Prerequisite Challenge form to be considered for enrollment.

This is an interdisciplinary course which includes laboratory experience and a strong field study component. The goal of this class is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and manmade, to evaluate the relative risks associated with these problems, and to examine alternative solutions to resolve and/or prevent them. Students are prepared for the AP Environmental Science exam in May.



### CHEMISTRY SCI621/622

- Gr: 10 – 12
- Year Course
- **Prerequisite:** 2.7 GPA and a C+ in Biology, or B in Earth Science, Marine Biology, Sports Medicine or Anatomy and Physiology. Students who do not meet the prerequisite for this course may submit a Science Prerequisite Challenge form to be considered for enrollment. Entry into this course must be approved by the department chairperson.

This laboratory course gives students the opportunity to learn general chemistry through a guided inquiry method. Through scientific inquiry, students will learn about the properties of materials of the universe (matter) and understand the changes that occur with matter. By analyzing and interpreting scientific evidence, students will be more prepared as they confront environmental and health concerns they will face in the future. The content is aligned with the California and National Standards. Students will be prepared to take the (optional) SAT subject exam in chemistry.

10th grade students may be eligible for concurrent enrollment in this course along with biology. For consideration for concurrent enrollment, a student must complete the Concurrent Enrollment form and have an A or A- in the first semester of Science and the Environment and approval from both counseling and the science department.

### HONORS CHEMISTRY SCI611/612

- Gr: 10 - 12
- Year Course
- **Prerequisite:** 3.5 GPA and B+ in Biology. Students who do not meet the prerequisite for this course may submit a Science Prerequisite Challenge form to be considered for enrollment. Entry into this course must be approved by the department chairperson.

Honors chemistry is the appropriate lab course for any student considering a career in medicine, science, engineering or higher-level math. This course will provide an in-depth coverage of the basic topics of chemistry. This is a rigorous, accelerated course in chemistry covering advanced topics in the California and National Standards.

10th grade students may be eligible for concurrent enrollment in this course along with biology. For consideration for concurrent enrollment, a student must complete the Concurrent Enrollment form and have an A or A- in the first semester of Science and the Environment and approval from both counseling and the science department.

## SCIENCE (CONTINUED)

### CHEMISTRY OF COOKING\* SCI631/632

- Gr: 11 - 12
- Semester Course
- **Prerequisite:** A C- or better in Chemistry or C- or better in Honors Chemistry.

A lab science/cooking/chemistry class in which students explore the three major types of biomolecules found in our food; proteins, fats, and carbohydrates. Each of the 7 units consists of an exploration, an investigation, and an application section. During the exploration part, students will build models of the molecules, look at cross sections of the various food types under the microscope and do some background reading on what happens when you add heat, salt or acid to the molecules. In the investigation section students will work in groups to design and carry out an investigation in which they test out one of the variables that we are exploring in that unit with a food/recipe of their choice. They will then present their findings to the class. For the application section, lab groups will take the information from the previous sections and apply it to a different type of food. All dietary and cultural food preferences and/or restrictions will be welcomed.

### AP CHEMISTRY SCI41/742

- Gr: 11 - 12
- Year Course
- **Prerequisite:** An A- or better in Chemistry or B or better in Honors Chemistry.

Recommended for seniors who have taken Physics or AP Physics. Students who do not meet the prerequisite for this course may submit a Science Prerequisite Challenge form to be considered for enrollment. Entry into this course must be approved by the department chairperson and will require 15 to 25 hours of summer work to be completed before the first day of class.

This is a laboratory course meeting the requirements of the College Board for AP Chemistry and is recommended for seniors who have taken Physics or AP Physics. This course reviews the major topics presented in Chemistry and Honors Chemistry, and new topics are presented and reinforced with an open inquiry lab experience. All students take the AP Chemistry Exam in May followed by a summative project.

### AP COMPUTER SCIENCE PRINCIPLES CSC133/134

- Gr: 10 – 12
- Year Course
- **Prerequisite:** Geometry with Advanced Algebra 1. Students do not need to have prior knowledge of any programming language.

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. Over 100 universities and colleges have committed to support the AP Computer Science Principles course and exam by developing a credit or placement policy.

### EARTH AND SPACE SCIENCE SCI723/724

- Gr: 10 – 12
- Year Course

Earth and Space Science (“ESS”) is a year-long course focusing on the study of space, geologic forces, geologic time, and the seawater and seafloor of our home planet, Earth. In ESS students will be captivated by the wonders and beauty of our planet and will be amazed by humankind’s discoveries within the solar system and beyond. Through experimentation and investigation, students will explore the earth cycles including the geosphere, hydrosphere, cryosphere and the atmosphere. Students will learn about scientific inquiry, space exploration, the solar system and the universe. ESS will focus on interactive experiences, higher-order thinking and real-world application through labs and a variety of assessments. Upon completion of the course, students will have a clear understanding of the dynamic forces at work in the world around them, helping them to become better caretakers of our planet.

10th grade students may be eligible for concurrent enrollment in this course along with biology. For consideration for concurrent enrollment, a student must complete the Concurrent Enrollment form and have an A or A- in the first semester of Science and the Environment and approval from both counseling and the science department.

## SCIENCE (CONTINUED)

### ELECTRONICS SCI541

- **Gr: 11 - 12**
- **Semester Course**
- **Prerequisite:** Successful completion of two UC approved Laboratory Sciences.

Electronics is a Science elective that explores electronic engineering through guided inquiry and authentic projects. During the course of the semester the student learns to think and work like an engineer and use the design cycle by balancing constraints such as product specifications, costs, team dynamics, time to completion, fabrication complexity, and available resources. The student also learns the practices and skills needed for electronics engineering such as drawing circuit schematics, using electronic test equipment, breadboard prototyping, soldering, record keeping, team communication, and circuit and simulation software. There is an emphasis on problem solving, teamwork, and scientific and engineering literacy. Each project is chosen to demonstrate specific electronics concepts including basic DC and AC circuits, oscillators, amplifiers, logic circuits, and control systems. The engineering approach is used as a vehicle to achieve the broader goals of the Science Department and meet the Next Generation Science Standards, specifically proficiency in the scientific method, communication of scientific principles, experimental methods, ethics, and encouragement of a lifelong interest in science and engineering.

### ENGINEERING PHYSICS SCI531/532

- **Gr: 11 - 12**
- **Year Course**
- **Prerequisite:** C or better in Science and the Environment or Biology, C or better in Algebra 1, C or better in Geometry and a minimum GPA of 2.0. Recommended for students planning future study in non-science/non- technical fields. Priority will be given to seniors who need this course for graduation.

Engineering physics is a laboratory course that explores Physics through authentic inquiry and project based activities. During this one year course, the student learns to think like an engineer and use the design cycle by balancing constraints such as product specifications, costs, team dynamics, time-to-completion, fabrication complexity, and available resources. There is an emphasis on problem solving, teamwork, and scientific literacy. Each project is chosen to demonstrate specific Physics concepts as outlined in the Next Generation Science Standards. The engineering approach is used as a vehicle to achieve the broader goals of the Science Department, specifically proficiency in the scientific method, communication of scientific principles, experimental methods, ethics, and to encourage a lifelong interest in science.

## SCIENCE (CONTINUED)

### ROBOTICS SCI552

- **Gr: 11 - 12**
- **Semester Course**
- **Prerequisite:** Successful completion of two UC approved Laboratory Sciences.

Robotics is a Science elective that explores robotics engineering through guided inquiry and authentic projects. During the course of the semester, the student learns to think and work like an engineer and use the design cycle by balancing constraints such as product specifications, costs, team dynamics, time to completion, fabrication complexity, and available resources. The student also learns the practices and skills needed for robotics engineering such as modeling, computer simulation, mechanical drawing and circuit schematics, critical path project planning, record keeping, computer simulations, and programming. There is emphasis on problem solving, teamwork, and scientific literacy. Each project is chosen to demonstrate specific robotics concepts such as basic machines, mechanical systems, motors, robotic specific programming, and control systems. Quality of engineering is tested with intramural competitions. The engineering approach is used as a vehicle to achieve the broader goals of the Science Department and meet the Next Generation Science Standards, specifically proficiency in the scientific method, communication of scientific principles, experimental methods, ethics, and the encouragement of a lifelong interest in science and engineering.

### PHYSICS SCI511/512

- **Gr: 11 - 12**
- **Year Course**
- **Prerequisite:** 3.0 cumulative GPA and a B or better in Algebra 2/Trigonometry or Honors Algebra 2/Trigonometry. Recommended for students planning future study in technology and/or engineering. Students who do not meet the prerequisite for this course may submit a Science Prerequisite Challenge form to be considered for enrollment. Entry into this course must be approved by the department chairperson.

The classic topics in physics: motion, force, gravity, energy, heat, waves, light, electricity, magnetism, electrons and nuclei are studied along with the history of physics and the many applications of physics in real life.

### AP PHYSICS 1 SCI743/744

- **Gr: 11 - 12**
- **Year Course**
- **Prerequisite:** A B+ or better in Science and the Environment and an B+ or better in Biology and completion of the mathematics sequence through Pre-Calculus. Students who don't meet the prerequisite for this course may submit a Science Prerequisite Challenge form to be considered for enrollment. Entry into this course must be approved by the department chairperson and will require 15 to 25 hours of summer work to be completed before the first day of class.

This is a laboratory course meeting the requirements of the College Board for AP Physics 1 and is recommended for seniors who have taken Chemistry or Honors Chemistry and who have taken or are concurrently taking Calculus. The course covers the topics from the first semester of a non-major college Physics course, including forces, Newton's Laws, 1D and 2d motion, rotational motion, and mechanical energy. Topics are presented and reinforced with an open inquiry lab experience. All students take the AP Physics 1 Exam in May followed by a summative project.

### RESEARCH METHODS AND PRACTICE SCI833/834

- **Gr: 11-12**
- **Year Course**
- **Prerequisite:** Successful completion of two UC approved laboratory sciences. Completion of other coursework relevant to the research topic is recommended.

This is a year-long course with a strong emphasis on student-centered learning. A student-directed, original research project in an evidence-based discipline is at the core of the curriculum. Students will build strong, discipline-specific research practices that serve as preparation for research in college. Students will define a research area, perform necessary background research, write a research proposal, refine methods, gather data, analyze evidence, report on intermediate results, revise the experimental design, and communicate the final conclusions. These skills are demonstrated through the execution of the research proposal and communicating their research in a series of presentations and a final journal article.



## SCIENCE (CONTINUED)

### SCIENCE INDEPENDENT STUDY SCI821/822

- **Gr:** 11 - 12
- **Semester Course**
- **Prerequisite:** All independent study options must be approved by the department chairperson.

Independent study is offered to serious, motivated students who wish to pursue in-depth study of a specific subject area of science in which the student is deeply interested. The student will work outside the regular classroom routine in conjunction with a faculty member. Independent study may not duplicate a course contained in the regular curricular offerings and must be at least an additional course on the student's roster. Independent studies may not be used to fulfill graduation requirements. The student, in cooperation with the faculty member, must design specific guidelines, goals, and criteria for the course.



### SCIENCE TEACHER ASSISTANT SCI911/912

- **Gr:** 12
- **Semester Course**
- **Prerequisite:** Successful completion of a science course with a "B" grade or higher, if applicable. Teacher and department chairperson approval indicated on permission slip with accompanying course request form.

Students will assist teachers in: performing clerical tasks; helping students with assignments and resources; conducting research for teachers; preparing equipment and set-ups for classes. Students may not grade assignments or access teacher's grade books. Teacher assistants will be assigned to the teacher who approves them.



## SOCIAL STUDIES

The Social Studies Department offers a three-year required program of study as well as a number of elective courses. The department provides each student with knowledge of the human experience, its achievements, and conflicts.

Using this knowledge, students will develop a critical awareness of human interrelations, and will acquire skills that enable them to understand local and world geography and cultures, as well as governmental, societal, and economic institutions. Students are encouraged to critique major events of the human experience from a variety of perspectives: historical, political, societal, ethical, and multicultural. Students will be encouraged to view society as an evolving and interdependent system, exposed to constant activity, challenge, and human interaction.

The Social Studies program is designed to provide students with competencies which will enable them to make valuable contributions to this fast-paced society in which they live. Students will be made aware of the privileges, responsibilities, limitations, and challenges to preserving a representative democracy, and they will evaluate our government from both a historical and present-day perspective. In so doing, students will be encouraged to become active participants in the democratic process. Through their study of historical and current events, students will develop analytical and critical thinking skills, and will be encouraged to develop more tolerance and respect for cultural differences.



### REQUIRED SEQUENCE

REQUIREMENT	COURSE OPTIONS
<b>World History</b> (one year)	<ul style="list-style-type: none"> <li>World History (one year)</li> <li>Advanced World History (one year)</li> </ul>
<b>US History</b> (one year)	<ul style="list-style-type: none"> <li>US History (one year)</li> <li>AP US History (one year)</li> </ul>
<b>Government</b> (one semester)	<ul style="list-style-type: none"> <li>Close Up (one semester)</li> <li>AP Government (one year)</li> </ul>
<b>Economics</b> (one semester)	<ul style="list-style-type: none"> <li>Economics (one semester)</li> <li>AP Macro Economics (one semester)</li> <li>AP Government (one year)</li> </ul>

### ELECTIVE COURSES

Beginning in 10th grade, students may enroll in a wide range of social studies electives. Unless otherwise noted, all electives are semester courses.

#### Open to Sophomores

- AP Human Geography (one year)
- Introduction to Law
- Holocaust Studies
- The Contemporary Middle East
- Baseball and 20th Century America

#### Juniors and Seniors Only

- AP Psychology (one year)
- War & Diplomacy in the 20th Century
- African-American Studies
- Black Nationalist Movements

### GRADUATION REQUIREMENTS

The required social studies sequence involves three years of study. Requirements can be satisfied through a variety of course options.

## SOCIAL STUDIES (CONTINUED)



### ADVANCED WORLD HISTORY SST103/104

- Gr: 9
- Year Course

All students at O'Dowd begin their study of social studies with a yearlong advanced-level course in world history. The course aligns with California's 10th grade social studies standards and incorporates the historical thinking framework developed by UC Berkeley's History Social-Science Project. Students engage in historical analysis while examining key movements and events that shaped the modern world. This rigorous course includes close-reading of primary sources, inquiry-based research projects, and seminar discussion that synthesize multiple perspectives to develop a more complete understanding of global societies and their history.

### UNITED STATES HISTORY SST321/322

- Gr: 11
- Year Course

U. S. History is a study of the development of the United States from its founding. Emphasis is placed on the evolving patterns of political, economic and social change throughout our history and their relevance for America today. Recognizing the concept of interdependence, the developments in American history are continually evaluated within the framework of world events and an understanding of how historical systems created within our past have an impact on our nation today. In addition, the acknowledgement and presentation of a wider lense of understanding the American experience from the many different experiences of Americans.

### AP UNITED STATES HISTORY SST311/312

- Gr: 11
- Year Course
- Prerequisite:** Successful completion of a yearlong course in world history (Advanced World History is required prior to taking this course. A minimum 3.5 overall GPA is recommended. This course will require 15-20 hours of summer work with deadlines starting in July. Students who do not meet the prerequisite for this course will need to have an interview with the instructor and complete the Social Studies Prerequisite Challenge form to be considered for enrollment.

AP U.S. History is a college-level course for students who have demonstrated an interest and ability in history. Emphasis is on developing college skills in analysis and essay writing while acquiring a thorough knowledge of the major personalities, events, and patterns found in the history of the United States. All

students are required to take the College Board exam in AP U.S. History in May.

### AMERICAN GOVERNMENT SST421

- Gr: 12
- Semester Course

American Government is an introductory course to the government of the United States. The course examines the three branches of government created by the Constitution, their nature, structure and operation. Emphasis is placed on connecting current domestic and foreign events with the formal constitutional nature of the government. American Government seeks to provide students with the basic knowledge and skills necessary to promote effective citizenship.

### ECONOMICS SST424

- Gr: 12
- Semester Course

Economics is an introductory course (spring semester) in which students examine basic concepts in both microeconomics and macroeconomics. Students will also study the role of the United States in the world economy. This course can also be completed during the summer through the Bishop O'Dowd High School Summer Academy.

## SOCIAL STUDIES (CONTINUED)

### AP MACROECONOMICS

#### SST462

- **Gr: 12**
- **Semester Course**
- **Prerequisite:** A minimum 3.5 overall GPA recommended. This course is open to seniors only and takes the place of the regular senior spring Economics course. Students who do not meet the prerequisite for this course may submit a Social Studies Prerequisite Challenge form to be considered for enrollment. Students enrolled in AP Government: American/Comparative, are welcome to take this course in addition to but not in place of Comparative Government.

Students will gain a thorough understanding of the principles of economics that apply to an economic system as a whole, placing particular emphasis on the study of aggregate supply and demand, economic indicators like GDP, money and banking, fiscal and monetary policy, inflation and unemployment, and international trade and exchange rates.

### AP GOVERNMENT & POLITICS: UNITED STATES/COMPARATIVE

#### SST411/412

- **Gr: 12**
- **Year Course**
- **Prerequisite:** A minimum GPA of 3.5 is recommended. Students will be required to read one political book over the summer from a list supplied by the instructor in May. Students who do not meet the prerequisite for this course may submit a Social Studies Prerequisite Challenge form to be considered for enrollment.

United States government is studied in the fall semester and Comparative government is studied in the spring semester. Students are required to enroll in both semesters. This year-long course fulfills the required senior sequence of American Government and Economics.

AP Government and Politics: United States provides students an analytical perspective on the workings of American government and politics. The course involves both the study of general concepts as well as specific case studies, as well as an in-depth study of the United States Constitution, American institutions, and public policies.

AP Government and Politics: Comparative is an introduction to studying the political structures and policies of six nations: Great Britain, Russia, China, Mexico, Iran and Nigeria.

This course is designed to prepare students for the College Board AP examinations in both United States government and Comparative government given in May. Students may receive college credit for either or both political science courses based on their scores.

### AMERICAN GOVERNMENT/CLOSE UP

#### SST431

- **Gr: 10 – 12**
- **Semester Course (but meets August to March)**
- **Prerequisite:** A minimum GPA of 3.0 is recommended, in addition to instructor, counselor and administrative approval.

This course is offered as an alternative to the traditional American Government course required of seniors in their fall semester. Students attend classes before school two mornings each week for 45 minutes each and are required to participate in the Close Up Washington, D.C./New York City trip in January unless it is canceled for public health reasons. The classes examine the basic structure of the American government and the U.S. Constitution with emphasis on current events. Students attend classes August to December and in January and February. Students take a comprehensive semester final in March rather than December.

### AP HUMAN GEOGRAPHY

#### SST621/622

- **Gr: 10 – 12**
- **Year Course**
- **Prerequisite:** Successful completion of Advanced World History, Geo History or Honors Geo History is required prior to taking this course. A minimum 3.25 overall GPA is recommended. Students who do not meet the prerequisite for this course may submit a Social Studies Prerequisite Challenge form to be considered for enrollment. This course will require approximately 10 hours of summer work to be completed before the first day of class. In order to be successful, students should expect to spend at least 4-6 hours per week reviewing material outside of class.

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human cultural, political, and socio-economic organization and the environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students are required to take the AP test in May.

## SOCIAL STUDIES (CONTINUED)

### THE HOLOCAUST AND GENOCIDE STUDIES

#### SST532

- **Gr: 10 – 12**
- **Semester Course**

This course is an in-depth study of the Holocaust. Students will study the roots of anti-Semitism, Hitler's rise to power, other victim groups such as the gypsies (Roma) and Jehovah's Witnesses, the establishment of ghettos and extermination camps, actions of the United States and other nations, acts of resistance and rescue, and the legacy of the Holocaust. Students will study this history through art, music, literature, film, primary sources and survivor testimony. Students will also learn about other genocides including Armenia, Rwanda, Darfur and Myanmar.

### INTRODUCTION TO LAW

#### SST551

- **Gr: 10 – 12**
- **Semester Course**

This course is a practical, participatory education about law, democracy and human rights. This course and curriculum is designed to give students an understanding and appreciation of the law, the legal system, our constitutional form of government and their rights and responsibilities as citizens. The law course will attempt to educate students about the law through "real world" cases and experiences. Students will study civil, criminal, family, juvenile, and constitutional law. Students will be provided the opportunity to learn how the law plays an integral role in their lives as well as their rights under the law.

### AP PSYCHOLOGY

#### SST501/502

- **Gr: 11 – 12**
- **Year Course**
- **Prerequisite:** A minimum 3.25 overall GPA is recommended and successful completion of biology is required prior to enrolling in the course. Students who do not meet the prerequisite for this course may submit a Social Studies Prerequisite Challenge form to be considered for enrollment. The summer work will be announced in May.

This is a rigorous, college-level elective with extensive daily reading assignments and challenging assessments. The AP Psychology examination requires students to develop a very detailed understanding of technical psychological terms and concepts. In order to be successful, students should expect to spend at least 4-6 hours per week reviewing material outside of class. All students will be prepared to take the AP Psychology exam in May.

### AP AFRICAN-AMERICAN STUDIES PILOT\*

#### SST315/316

- **Gr: 11 – 12**
- **Year Course**
- **Prerequisite:** Successful completion of Advanced World History is required prior to taking this course. A minimum 3.25 overall GPA is recommended. Students who do not meet the prerequisite for this course may submit a Social Studies Prerequisite Challenge form to be considered for enrollment. This course will require approximately 10 hours of summer work to be completed before the first day of class. In order to be successful, students should expect to spend at least 4-6 hours per week reviewing material outside of class.

This pilot course focuses on four thematic units that move across the course chronologically, providing students opportunities to delve into key topics that extend from the medieval kingdoms of West Africa to the ongoing challenges and achievements of the contemporary moment. Given the multidisciplinary character of African American Studies, students in the course will develop skills across multiple disciplines, with an emphasis on developing historical, literary, visual, and data analysis skills. This pilot course will also foreground a study of the diversity of Black communities in the United States within the broader context of Africa and the African Diaspora.

**NOTE:** This is a working title in conjunction with College Board and the description might change once College Board finalizes the description and curriculum.



## SOCIAL STUDIES (CONTINUED)

### HIP-HOP AND SOCIETY

#### SST474

- **Gr: 11 – 12 (10th graders with counselor approval)**
- **Semester Course**

As evidenced by the recent crowning of Compton's Kendrick Lamar with a Pulitzer Prize, Hip-Hop has become one of the largest and farthest-reaching social movements in modern history. This course is designed to examine the growing historical, political, racial, economic, artistic and social importance of this unique culture through a sociological approach. From the boom-bap era to current trap music, this course aims to analyze the various facets of Hip-Hop by looking at the movements, politics, styles and people that have inspired and influenced this culture since its creation. The diversity of Hip-Hop will also be explored, analyzing Hip-Hop's growth from a regional form of expression to an influential worldwide multimedia phenomenon. Additionally, Hip-Hop's role as an agent of social justice through the lyrics and work of conscious artists will be juxtaposed against the rise of gangsta rap and its unique influence and consequences within American society and beyond. Finally, as themes of race, identity, prosperity, gender and power have all played a role in this culture, this course will examine complicated themes ranging from hope to hate, solidarity to sexism, violence to victory, and race to riches. The course will incorporate academic texts, music recordings and film/television productions. Warning: This course will cover some mature/explicit content.

### RACE AND THE LAW

#### SST475

- **Gr: 11 – 12**
- **Semester Course**

In this course students will explore the role that law and social policy have played in the development of race and structural racism in American society. Some major topics will involve exploring the development and experience of various American racial and cultural identities, including how people of various African and European ethnicities came to be defined, over time, as black and white, and the impact of exclusion and inclusion in our immigration policy in shaping who gets to be, in its fullest sense, an "American". We will also examine how property and housing policy have created and entrenched racial wealth gaps and the critical role the criminal justice system has played in the unequal experiences of freedom and opportunity. This course will incorporate academic texts, contemporary media, film, literature and art, and students will draw on those texts to engage with one another and the broader world in order to better understand the key

themes of this course. Students will convey their learning in a variety of ways, from writing to structured academic conversation to multimedia projects, and grow in their abilities to create a more racially just and inclusive society.

### SOCIAL STUDIES INDEPENDENT STUDY

#### SST611/612

- **Gr: 12**
- **Semester Course**
- **Prerequisite:** Approval of Department Chairperson upon completion of contract between student and mentoring teacher. Students are given an opportunity to do research and in-depth work in a specified area of social studies. Students work independently and confer weekly with the department mentor. Students complete a formal research paper on the topic selected.

### SOCIAL STUDIES TEACHER ASSISTANT

#### SST911/912

- **Gr: 12**
- **Semester Course**
- **Prerequisite:** Students must have completed all social studies courses taken with a grade of "B" or higher.

Students must obtain approval from the teacher and the Department Chairperson. Permission slips are available from Counseling or the Social Studies Department Chairperson. Students will assist teachers in performing clerical tasks, helping students with assignments and resources, conducting research, and preparing equipment and set-ups for classes. Students may not grade assignments or have access to student grades. Teacher assistants will be assigned to the teacher who approves them.



## WORLD LANGUAGE

## WORLD LANGUAGE

The primary goal of the World Language Department is to enable students to communicate effectively in a second language. The acquisition of another language allows students to develop a clear understanding and appreciation of the cultural manifestations of the people whose language they are studying, and to establish intelligent connections and comparisons between those cultural manifestations and ours in the United States. In a world of instant and global communication, the ability to communicate effectively in more than one language is essential.

Teachers in the World Language Department use their diverse talents, perspectives, and experiences to instill an enthusiasm for language acquisition from beginning levels to advanced placement. Students are given in-class and outside experiences designed to demonstrate connections between language and culture.

Some students speak a language other than English at home or have studied another language prior to their admission to Bishop O'Dowd High School. In order to appropriately place these students beyond the beginning level, we offer language placement tests in April. Pre-registration for the test is required and may be completed through the online registration process.



### REQUIRED SEQUENCE

Offerings include a college-preparatory sequence in three languages: French, Mandarin, and Spanish.

REQUIREMENT	COURSE OPTIONS
<b>French</b> (one year)	<ul style="list-style-type: none"> <li>• <b>French 1</b> (one year)</li> <li>• <b>French 2</b> (one year)</li> <li>• <b>Honors French 3</b> (one year)</li> <li>• <b>AP French Language</b> (one year)</li> </ul>
<b>Spanish</b> (one year)	<ul style="list-style-type: none"> <li>• <b>Spanish 1</b> (one year) or <b>Advanced Spanish 1</b> (one year)</li> <li>• <b>Spanish 2</b> (one year) or <b>Advanced Spanish 2</b> (one year)</li> <li>• <b>Spanish 3</b> (one year) or <b>Advanced Spanish 3</b> (one year)</li> <li>• <b>Spanish 4</b> (one year)</li> <li>• <b>AP Spanish Language</b></li> </ul>
<b>Mandarin</b> (one year)	<ul style="list-style-type: none"> <li>• <b>Mandarin 1</b> (one year)</li> <li>• <b>Mandarin 2</b> (one year)</li> <li>• <b>Mandarin 3</b> (one year)</li> <li>• <b>Mandarin 4</b> (one year)</li> </ul>

### GRADUATION REQUIREMENTS

Students must complete two consecutive years of the same foreign language. All courses are year-long. The University of California recommends three years of the same language.

## WORLD LANGUAGE (CONTINUED)



### FRENCH 1 FLN111/112

- **Gr: 9 – 12**
- **Year Course**

The initial focus of this course is on basic communication skills. The class uses a multimedia approach. The instruction includes cooperative learning, group recitation, group activities and written activities. Students are introduced to various French-speaking cultures.

### FRENCH 2 FLN121/122

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite: C- in French I.**

French 2 builds on the foundation begun in French 1. Students will continue to build vocabulary and study advanced verb forms. They will learn to express themselves directly in French. The teaching methodology is a continuation of that used in French 1.

### HONORS FRENCH 3 FLN131/132

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite: A- in French 2 and/or recommendation from the French 2 teacher.**

This is an advanced course for serious students. The emphasis is on a complete study of grammar with the ability to express thoughts in spoken French on various topics. Oral recitation is stressed. Several French-speaking cultures are studied. The class is conducted primarily in French.

### AP FRENCH LANGUAGE AND CULTURE FLN151/152

- **Gr: 10 – 12**
- **Year Course**
- **Prerequisite: A- in Honors French 3 and/or recommendation of the French 3 teacher. Students who do not meet the prerequisite for this course may submit a World Language Prerequisite Challenge form to be considered for enrollment. There is no summer homework for this course.**

This course is designed for the serious, capable students able to accept the challenge of preparing for the AP examination in May. Students who enroll in this course must take the AP exam. Class is conducted exclusively in French. The emphasis is on a mastery of advanced grammar, vocabulary-building, composition-writing and oral expression directly in French. This course will serve as a preparation for further study of French in college.

### MANDARIN 1 FLN611/612

- **Gr: 9 – 12**
- **Year Course**

This is an elementary language course designed to be the first level of a four-year sequential program guiding the students from beginner to low-intermediate level of Mandarin Chinese language. The course will offer instruction in Chinese grammar with the purpose of enhancing students' communicative skills, as well as developing students' meta-linguistic ability. The course will be content driven giving students basic vocabulary and language skills to operate in a variety of authentic situations. Furthermore, the course will focus on Chinese culture, which helps students develop a connection to the language and strengthen competency in cross-cultural communication and appropriate communication.

## WORLD LANGUAGE (CONTINUED)

### MANDARIN 2 FLN621/622

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** C- in Mandarin 1.

Mandarin 2 is designed to build on Mandarin 1 by introducing students to more of the Chinese language, culture and beyond. Students will learn to express directly in Mandarin. The goal is to continue developing basic listening, speaking, reading and writing (both handwriting and typing) abilities in Mandarin and to understand the customs and life of modern Chinese-speaking people. There will be many opportunities to perform skits, to create own dialogues and to experience holiday/festival celebrations.

### MANDARIN 3 FLN631/632

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** B- in Mandarin 2 and/or recommendation of instructor.

Mandarin 3 is an intermediate course which builds upon the content and skills acquired in the previous two years of the language. Students are expected to improve and expand their knowledge of written and spoken Mandarin, as well as further their knowledge of Chinese culture and society. The goal is to establish communicative skills in various situations. There will be a series of training on oral presentation and interview to support speaking and listening skills' improvement.

### MANDARIN 4 FLN641/642

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** B- in Mandarin 3 and/or recommendation of instructor.

Mandarin 4 is an advanced course which builds upon the content and skills acquired in the previous three years of the language. Students are expected to give a short presentation and speech in Mandarin. The class is conducted in Mandarin. The goal is to improve face-to-face communication skills with minor grammatical and tonal mistakes that will not interfere with the understanding between speakers. This course emphasizes grammar review, conversation, writing, typing, as well as the culture associated with the learning.



### SPANISH 1 FLN313/314

- **Gr: 9 – 12**
- **Year Course**

This course introduces students to the many cultures that use the Spanish language. Students study elementary grammar, vocabulary, and learn to express themselves in basic Spanish. Oral and written exercises are assigned. The introduction incorporates multimedia.

### ADVANCED SPANISH 1 FLN311/312

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** Enrollment is determined by performance on the placement test.

Advanced Spanish I is designed for college-preparatory students who have had significant background in Spanish and who have placed into this level from the placement exam. The course uses a communicative-situational approach that enables students to communicate in the target language for a variety of purposes. Emphasis is placed equally on the skills of comprehension (listening and reading) and production (speaking and writing). Students are encouraged to develop language acquisition strategies and use traditional text and electronic resources to enhance their understanding of the mechanics and context of language. Assessment tests are used to help provide a framework for learning and gauge the students' understanding and production of the language against the stated course objectives.

## WORLD LANGUAGE (CONTINUED)

### SPANISH 2 FLN323/324

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** C- in Spanish 1.

This course builds on the foundation begun in Spanish 1. Students will continue to refine their written and speaking skills. Multimedia is used to help develop students' listening comprehension skills. The successful student will have the necessary skills for Spanish 3.

### ADVANCED SPANISH 2 FLN321/322

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** A- in Spanish 1 and/or recommendation of the Spanish 1 teacher.

This course is a demanding class which builds upon the knowledge acquired in Spanish 1. Students will study advanced grammar and build their vocabulary. Spanish is used often in this class. Students will increase their oral comprehension by the use of CD's and video tapes. Students will be assigned oral reports in Spanish. The purpose of this class is to prepare students for Honors Spanish 3.

### ADVANCED SPANISH 2 FOR HERITAGE SPEAKERS FLN327/328

- **Gr: 9-12**
- **Year Course**
- **Prerequisite:** Heritage/Bilingual Students, students from bilingual schools

This course is part of the existing Advanced Spanish 2 course however, it will be taught more contextually with a greater emphasis on linguistic and grammatical concepts and constructs to enhance and continue students' bilingual skills and abilities. The class will still cover the Advanced Spanish 2 curriculum and prepare students appropriately for honors Spanish 3, the AP prep course. Selection will be made as per recommendation of the Department Chair based on various metrics, including a placement test and survey feedback regarding the student's background.

### SPANISH 3 FLN333/334

- **Gr: 9 – 12**
- **Year Course**
- **Prerequisite:** C in Spanish 2 and/or recommendation of the Spanish 2 teacher.

This class is intended for students who enjoy Spanish and plan to continue the study of Spanish in college. Students will study advanced grammar, various past tenses, the subjunctive mood, etc. Students read short stories and participate in oral activities.



## WORLD LANGUAGE (CONTINUED)

### HONORS SPANISH 3 FLN331/332

- **Gr:** 9 – 12
- **Year Course**
- **Prerequisite:** A- in Advanced Spanish 2 or an A- in Spanish 2 and/or recommendation of the second-year teacher.

This third-level course in Spanish is designed to prepare students for AP Spanish. Lessons include all uses of ser vs. estar, the passive voice, the past subjunctive, por vs. para, as well as an in-depth study of Hispanic culture. Class is conducted in Spanish. Students will prepare reports on assigned topics.

### SPANISH 4 FLN341/342

- **Gr:** 10 – 12
- **Year Course**
- **Prerequisite:** C in Spanish 3 and/or recommendation of the third-year teacher.

This course emphasizes grammar review, conversation, writing, as well as Hispanic literature. Students learn to use the Spanish language to communicate in everyday situations. This course will prepare students for further study of Spanish in college.

### AP SPANISH LANGUAGE AND CULTURE FLN351/352

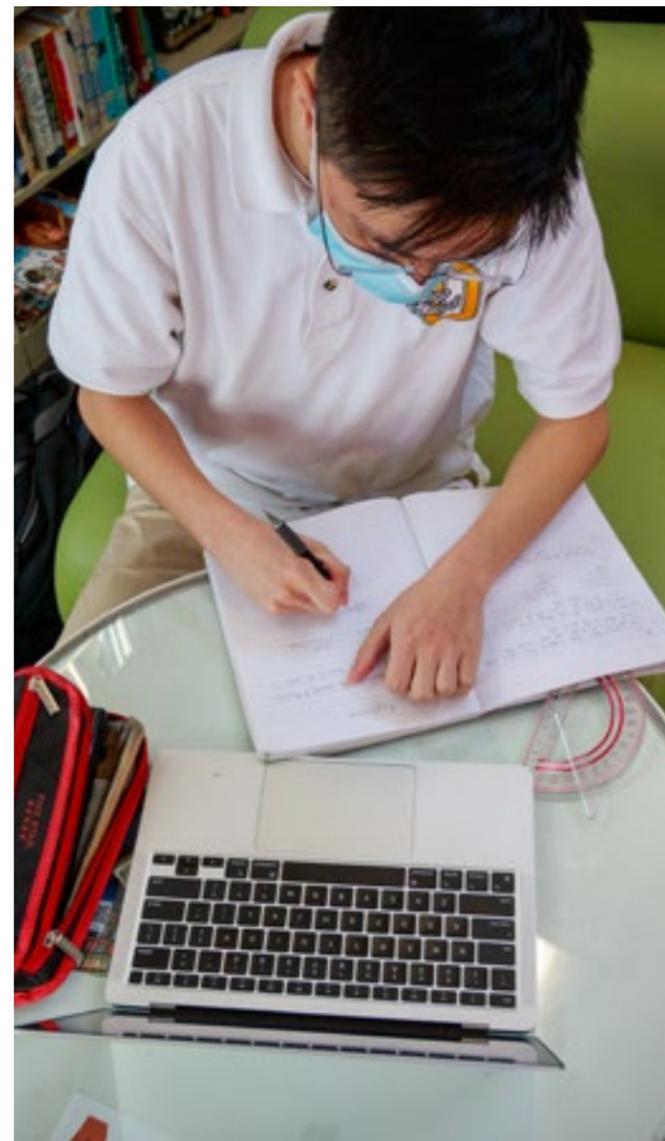
- **Gr:** 10 – 12
- **Year Course**
- **Prerequisite:** A- in Honors Spanish 3 and/or recommendation of Honors Spanish 3 or AP Spanish teacher and a 3.0 in English. Students who do not meet the prerequisite for this course may submit a World Language Prerequisite Challenge form to be considered for enrollment. If a student was not in Honors Spanish 3 at O’Dowd, he/she must take a skills assessment before being accepted into the class. This course requires 12 to 15 hours of summer homework to be completed before the first day of class.

This is a challenging course that prepares the motivated students for the AP exam in May. Students who enroll in this course must take the AP exam. Class is conducted exclusively in Spanish. Students study advanced grammar constructions, build their vocabulary, and learn to express their ideas directly in Spanish. This class is a preparation for further study of Spanish in college.

### WORLD LANGUAGE TEACHER ASSISTANT FLN191/192 (French) FLN391/392 (Spanish)

- **Gr:** 12
- **Semester Course**
- **Prerequisite:** Successful completion course with a “B” grade or higher, if applicable. Teacher and department chairperson approval indicated on permission slip with accompanying course request form.

Students will assist teachers in: performing clerical tasks; helping students with assignments and resources; conducting research for teachers; preparing equipment and set-ups for classes. Students may not grade assignments or access teacher’s grade books. Teacher assistants will be assigned to the teacher who approves them.



## STUDENT LEADERSHIP COURSES

Courses in this section are not associated with a particular academic department. Please review each class carefully, as credits and grades may differ pending on the class listed.

### ASSOCIATED STUDENT BODY OFFICER MSC850/851

- Gr: 11 - 12
- Year Course
- 2.5 credits per semester
- Grade only (no Pass option)
- Grades calculated into GPA
- Prerequisite: Election to ASB Council.

The Associated Student Body officers are a group of five juniors and/or seniors who are elected by their peers in spring of the previous school year. The ASB meets with the Director of Student Activities during a class period that is in their schedule, as well as after school, before school and outside of school. The student leaders plan, organize and run all student activities. These five individuals attend leadership seminars off campus. The ASB students begin school two weeks early during summer break and begin planning and organizing the school year ahead. Our elected officers perform service for the school community and our community at large.

### CAMPUS MINISTRY MSC600/601

- Gr: 12
- Year Course
- 2.5 credits per semester
- Grade only (no Pass option)
- Grades calculated into GPA
- Prerequisite: Completed application (will be available on the school website), participation in an interview process, and approval of the Director of Campus Ministry. Ability to participate in two mandatory retreats. Juniors can apply to be part of CMT during January course registration. Applications will be available in the spring.

This course is an intensive year-long training in ministry and leadership skills. The Campus Ministry Team (CMT) leaders are a group of (14) seniors who are selected by Campus Ministry in the spring of the previous school year. The CMT meets with the Director of Campus Ministry during a class period in the school schedule. The CMT leaders plan, organize, and implement (8) school-wide liturgies, the Goods and Toy Drive and Mission Drive, Mission Drive and Dollar Day collections, as well as daily Morning Prayer. They also help with Orientations; 9th Grade, 10th Grade, and Emerging Leaders retreats; Open House; the new CMT interview process; and Founders Day (some years).

### ECO LEADERS MSC861/862

- Gr: 12
- Year Course
- 2.5 credits per semester
- Grade only (no Pass option)
- Grades calculated into GPA
- Prerequisite: Completed application (will be available on the school website Spring 2022), interview, and approval of Sustainability department staff.

The Eco Leadership Team is an empowered group of Seniors who take action to bring forward an environmentally sustainable and just community at O'Dowd and beyond. Eco Leaders act as stewards of the Living Lab, lead Eco Club, organize environmentally themed campus events, and work to implement initiatives that build sustainability on campus as well as in the greater community. Effective Eco Leadership requires cultivating skills of observation, curiosity, awe, and compassion for Earth's living systems. As a part of this course Eco Leaders will develop tangible outdoor work skills as well as spiritual connection with the natural world, using our very own Living Lab as the training ground. Eco Leaders will learn about the most pressing environmental issues of our times, and be empowered to take action at O'Dowd and in the world.



## STUDENT LEADERSHIP COURSES (CONTINUED)



### HEALTH & WELLNESS LEADERS MSC867/868

- Gr 12
- Year Course
- 2.5 credits per semester
- Grade only (no Pass option)
- Grades calculated into GPA
- Prerequisite: Completed application (will be available on the school website Spring 2022), referral from Teacher and/or Counselor; interview with Director of Health and Wellness and current Health and Wellness Leaders.

Health and Wellness Leaders are a group of Senior advanced leaders who support the O'Dowd community in strengthening and sustaining physical, mental, and relational health and wellness through a peer education and peer counseling model. Health and Wellness leaders teach their peers through presentations, discussions, workshops, public health awareness campaigns, and in the planning and execution of events. Health and Wellness leaders are also available to meet with students as peer counselors to provide emotional support and referrals for connecting with adults and resources. Health and Wellness Leaders gain experience in preparation for careers in medicine, psychology, sociology, public health, or other health and wellness related professions. Students should have a sincere interest in a healthcare or helping profession, some familiarity with reviewing research articles, good insight into the issues facing teens today, good relationships with peers and adults in the school community, and the desire to make a positive impact in our school community.

### JOURNALISM MSC111/112

- Gr: 9 – 12
- Year Course
- 2.5 credits per semester
- Grade only (no Pass option)
- Grades calculated into GPA
- Prerequisite: Completed application and approval of instructor.

Yearbook is an interdisciplinary course combining writing, computer-assisted layout and page design, photography, art, information graphic skills, rhetoric, and current events. Students explore each of these areas and develop their areas of interest. They will produce The Mitre, the printed school yearbook, which serves as an important memento of the school year. They also produce The Crozier, the quarterly school newspaper, and The Muse, the annual Literary and Art Magazine, both of which may be found online at theCrozier.org.

Each step in the process reinforces research, critical thinking, writing, design, and teamwork skills. Through the process, this class offers students the opportunity to sharpen skills in design, technology, organization and time management, collaboration, and leadership.

## STUDENT LEADERSHIP COURSES (CONTINUED)

### SOLIDARITY IN ACTION

#### MSC865/866

- Gr: 12
- Year Course
- 2.5 credits per semester
- Grade only (no Pass option)
- Grades calculated into GPA
- **Prerequisite:** Completed application (will be available on the school website), interview with current Solidarity in Action Leaders and ability to participate in two mandatory retreats.

The Solidarity in Action Leadership Team is an empowered group of students who take action to bring forward a socially just and sustainable community. Through solidarity with those who experience injustice, they empower O'Dowd youth to grow as a community of learners and agents of change. They serve the community by advocating for and working with marginalized groups in order to leave an impactful legacy that inspires future leaders. Objectives of this team include education of the BOD community about social justice, collaboration with outside organizations and other high schools, hosting events, and advocacy at the local, state, and national levels. Students will develop social justice leadership skills, including self-care, teamwork, public speaking and community organizing.

### STUDENT ATHLETE LEADERSHIP

#### MSC871/872

- Gr: 12
- Year Course
- 2.5 credits per semester
- Grade only (no Pass option)
- Grades calculated into GPA
- **Prerequisites:** Completed application (will be available on the school website Spring 2022), letter of recommendation from a Teacher/Counselor, interview with Associate Athletic Director and current Student Athlete Leadership Team members).

The Student-Athlete Leadership Team (SALT) brings together senior O'Dowd athletes from across sports to take a full year long class. This class will focus on exploration of individual student-athlete identity, identification and development of personal leadership skills, empowerment of the student-athlete voice, engagement and involvement within the O'Dowd community and in Oakland, reflection on youth sport experience, and preparation for life beyond O'Dowd.



## ACADEMIC SUPPORT

Academic Support at Bishop O’Dowd High School includes a network of distinct programs, differentiated by their purpose, intended constituencies, and daily operations. These programs augment the help available from teachers before school, during flex-time and after school. Key support services are listed below.

### ACADEMIC SUPPORT CENTER

Drop-in basis tutoring is available for all subjects and staffed by peer and adult tutors. During remote learning the center is closed, but students can still receive one-on-one support from a tutor via PeerKconnect, our scheduling platform. Examples of open hours during on campus learning are below.

- **Mon - Fri: 7:15 - 8:15 a.m.**
- **Mon - Fri: 3:00 - 5:00 p.m.**
- **Mon - Thu: Flex periods**
- **Sat & Sun: 10:00 a.m. - 12:00 p.m.**

### ACADEMIC SUPPORT SERVICES

#### DRAGON SUCCESS

- Academic Coaching for 9th and 10th graders to develop self-advocacy and academic responsibility
- Sessions held before and after school
- Students commit to weekly attendance

#### SMART SESSIONS

- Subject specific, teacher-led tutoring
- Sessions held before and after school
- Students commit to weekly attendance

#### ACADEMIC COACHING

Academic Coaching is a program available to 10th – 12th graders by referral. Students have access to an academic coach to help with organizational support, time-management, and self-advocacy.

#### SUPPORT FOR STUDENT ATHLETES

Student athletes receive grade monitoring, communication with coaches, and personal check-ins as needed. This helps students adhere to demanding practice schedules while meeting the academic rigor of our college preparatory curriculum.

#### CATCH-UP SUPPORT PROGRAM

- Concussion Management
- Medical Leave
- Bereavement
- Other Extended Absences

#### PEER TUTORING

Peer Tutoring connects students struggling with homework, projects, studying for tests, and understanding class concepts, with trained student tutors who have been identified by teachers as knowledgeable, personable, supportive, and enthusiastic about learning. Students can schedule tutoring appointments via their PeerKconnect accounts before school, during Flex, and after school.



## COUNSELING FOR COLLEGE AND BEYOND

Expect to get to know your counselor at O’Dowd, and allow them to get to know you. O’Dowd’s individualized, comprehensive counseling approach begins with creating a personal relationship with each student. Counselors help students develop their interests and talents, address their challenges, and build resiliency with the goal of finding their place, not only in high school, but in college and beyond. By working side-by-side with our students, we help them acquire key tools and experiences to transform into confident, proactive adults.



**Student +  
Counselor =**

**CONFIDENT,  
PROACTIVE,  
READY-TO-LAUNCH  
YOUNG ADULTS**

#### Student + Family + Counselor = DISCOVERY

- Students, families and counselors work together for the student’s entire high school experience.
- This unique, student-centered relationship inspires and challenges students to be their best selves.
- Holistic focus on the development of the whole person informs each student’s process.

#### Student + Counselor = SELF REFLECTION

- Counselors meet students where they are and support them as they build independence and self-advocacy.
- Students learn to make thoughtful choices as an individual – both academically and personally.
- Students develop outside interests which contribute to the development of the whole person.
- Counselors model self-reflection, care and compassion, guiding students to be kind to themselves and others.

#### Student + Counselor = COMPETENCY

- Students gain confidence and achieve success inside the classroom and beyond.
- Academic success is fostered through individualized advising, allowing each student to work toward their own benchmarks.
- Counselors challenge students toward resiliency and independence.
- Students leave O’Dowd prepared for what lies ahead.

#### Student + Counselor = CONFIDENCE

- Easy accessibility to their counselor means students have access to a non-judgmental sounding board.
- Students are encouraged to develop strong connections with peers, teachers and family.
- Students are encouraged to develop their personal, autonomous voice.

O’Dowd Counseling encourages every student to practice a reflective, forward-thinking mindset to navigate a fruitful future. We offer individualized, comprehensive support for college and career planning, including a thoughtfully designed and developmentally focused curriculum. Throughout your four years at O’Dowd, you will be prompted to discover who you are and who you want to become. You will be guided through an organic process by caring counselors to explore new interests and opportunities, uncovering your unique strengths, purpose, and goals.

**TOPICS AND PROGRAMMING BY YEAR**

**9TH GRADE: Discover and Explore**

- Learn communication basics and goal-setting strategies
- Begin the narrative journey of your high school experience that you will create and update throughout your time at O’Dowd

**10TH GRADE: Explore and Engage**

- Attend O’Dowd’s College Fair, including “College Research Basics” presentation and visits with 100+ College Admissions Representatives
- Take the PSAT
- Learn time management strategies for stress reduction
- Learn about college and career preparation at evening event “Getting Ready for College”
- Revisit the narrative journey and 1st year goals

**11TH GRADE: Engage, Research, and Plan**

- Attend O’Dowd’s College Fair with 100+ College Admissions Representatives
- Take the PSAT
- Learn how to use Naviance\* as a tool for researching and managing colleges of interest
- Attend “College Admissions Process” presentation by counselors
- SAT/ACT/SAT Subject Tests Planning
- Learn about the Financial Aid process for college
- Get informed about alternative pathways including community college, vocational training, gap years, and more
- Make the most of your Counselor College Planning Meeting, receiving counselor guidance including:
  - Academic Record Assessment (requirements, GPA, etc.)
  - Testing Plan
  - Preliminary College List
  - Decision Plan Advising
- Engage at O’Dowd’s Career Day, an opportunity to learn from and interact with speakers representing a wide range of career paths
- Create a comprehensive high school resume

**12TH GRADE: Plan, Apply, Choose and Celebrate**

- Attend special presentation for seniors and families at O’Dowd’s College Fair with 100+ College Admissions Representatives
- Attend the “Senior & Families College Application Night and Social”
- Continue to explore alternative pathways as needed
- Set up your college applications with support from Counseling
- Attend Financial Aid Workshop
- Attend evening presentation on “College Choice Discernment Advising”
- Use your Counselor College Planning Meeting to address:
  - Final College List
  - Letters of Recommendation
  - College Essay Advising
  - Financial Aid Advising
  - NCAA Registration
- Complete your college applications and use O’Dowd’s Essay Writing Workshops for successful college essay writing
- Engage at O’Dowd’s Career Day, an opportunity to learn from and interact with speakers representing a wide range of career paths

**LD/ADHD SERVICES**

At O’Dowd, we believe that intellectual and neurodiversity enriches our campus community. We welcome students from a broad spectrum of learning profiles and provide resources that allow them to contribute fully to our school.

The LD/ADHD services at O’Dowd are designed to support students with documented learning disabilities and/or attention deficit through a team-based approach. The LD/ADHD supports are coordinated by a full-time specialized counselor. Students and their families are supported through educational counseling, through focused skill intervention and maintenance in O’Dowd’s system of academic support programs as applicable, and through targeted accommodations to their educational environment.

**Our LD/ADHD services encompass:**

- Referrals and consultation regarding psycho-educational and related evaluations.
- Interface for close collaboration between students, their families, and the school with regard to all aspects of a participating student’s tenure at Bishop O’Dowd High School.

- Design, quality-review, and documentation of appropriate and feasible accommodations.
- Facilitate requests for accommodations on standardized tests such as the SAT or ACT.
- Support and counseling for the application and transition process to college.
- Provide supplemental educational and psychological support for study skills, organization and time management, self-advocacy, and self-concept.

**Accommodations on campus include:**

- Preferential seating.
- Extended time on teacher-designed assessments and assignments.
- Use of laptop/computer for written output.
- Text-to-speech resources (e.g., audio files of books).



## HEALTH AND WELLNESS

The vision of Health and Wellness at O’Dowd is to support students in their social-emotional growth, equip faculty and staff to educate the whole child, and engage parents as the primary educators of their children.

In November of 2019 we administered the California School Climate, Health, and Learning Survey to students, faculty and staff, and parents. This comprehensive survey provides us with a robust source of information to guide us in celebrating and strengthening our community of care.

### Students

Student Health and Wellness programs support the social and emotional growth of teenagers in a community of care. There are four basic areas of focus for student Health and Wellness: mental health and wellness, physical health and wellness, relationship health and wellness, and community health and wellness.

### Mental Health and Wellness

All students can seek mental health and wellness supports from our Licensed Marriage and Family Therapist, Therapist Trainees and Associates by self-referral or by speaking to their Counselor.

A classroom-based youth suicide prevention workshop led by Crisis Support Services of Alameda County is offered for sophomores in Health class.

### Physical Health and Wellness

All students have the opportunity to learn about substance use and abuse awareness and prevention through a comprehensive curriculum delivered online, in classroom lessons, and in class meetings at each grade level. Freshman complete an online course as part of the Bishop O’Dowd week of welcome. Sophomores and Juniors receive classroom instruction as part of Health class and Christian Morality class, respectively. Seniors receive information about risks and harms of drug and alcohol use as part of the Senior Class meetings. Students also have the opportunity to participate in Community Healing groups to address Racial Justice and Gender Justice.

### Relationship Health and Wellness

All students have the opportunity to address issues related to relationship health and wellness through the Safe Environment curriculum. The Safe Environment curriculum addresses issues related to safety in relationships in a school setting and meets and exceeds the mandate of the United States Conference of Catholic Bishops to be in compliance with the Charter for the Protection of Children and Young People. The curriculum has been integrated into each grade level so that the lessons can be more easily targeted to the appropriate developmental level of our students and can be delivered in the context of other relevant course material under the expertise and care of our teachers. Special focus is placed on healthy relationships with self and others.

### Community Health and Wellness

All students have the opportunity to address issues related to community health and wellness by participating in Dragon Talks. Dragon Talks are student-led, faculty and staff supported conversations. Dragon Talks are held in the spirit of our charism calls to community in diversity, social justice, and strength of character, are rooted in the wisdom of Catholic social teaching, and are attended with the intention of creating a space where all members of our community feel safe and supported in sharing their thoughts, feelings, and experience.

### Health and Wellness Educators

Health and Wellness Educators are an Advanced Leadership group of Seniors who work collaboratively, both as a group and with other Advanced Leadership teams, to promote health and wellness within the Bishop O’Dowd community. Health and Wellness Educators identify specific health and wellness issues and provide responses to those issues through community awareness campaigns, classroom presentations, assemblies, and individual and group conversations with students, as well as faculty and staff.



### Faculty and Staff

Faculty and staff are supported in their professional development to integrate core social and emotional competencies of self-awareness, self-management, social awareness, relationship skills, and responsible decision-making into the student experience of learning. All faculty and staff receive training in identifying and referring students at risk of a mental health crisis and receive training to fulfill their roles as mandated reporters of child abuse and neglect. Attention is paid to providing faculty and staff with the skills needed to be trusted and caring adults in the lives of students.

### Parents

The Parent Education program is a partnership between O’Dowd and the Dragon Parents in the shared interest of working together to raise happy and healthy young men and women. Events are offered throughout the year that are aimed at supporting parents as the primary educators of their children and building a meaningful sense of community. The programing is developed in response to parent feedback in partnership with the Dragon Parent Group Board, Parent Education Chair and in coordination with school-wide education efforts.

## TECHNOLOGY

O'Dowd recognizes that excellent teaching is foundational to the intellectual, moral, and personal growth of our students. We are committed to providing each graduate with the skills needed to thrive in today's world. Great teaching combined with skillful and responsible use of digital tools is essential to achieving this goal. It is the goal of the technology department to provide tools and resources to prepare students for college and the workplace beyond.

### TECHNOLOGY PROGRAMS

**Schoology** is a learning management system that allows students to access instructional content inside and outside the classroom. Teachers can post homework, labs, presentations, and other class resources. Students and teachers can interact through blogs, wikis, and private journals. Parents have access to their student's assignments and grades, allowing parents to partner with teachers in educating their student.

**PowerSchool** is our student information system that gives students and parents access to view up-to-the-minute grades and attendance. Students and parents can view current grades as well as details of the grade by assignment. At Bishop O'Dowd High School, we believe this transparency allows us to help students take responsibility for their progress.

**Google Apps** allows students to create and share documents online, at any time and from any location. Google Apps also allows students to collaborate on documents and presentations and provides an email and calendar system that integrates with smartphones and other mobile devices.

### FULLY-STAFFED TECHNOLOGY SUPPORT CENTER

Student laptops are usually serviced free of charge, with repairs made in-house by Toshiba and Apple repair certified employees. Loaner laptops are available for students when repairs are extensive. Troubleshooting assistance is also provided by trained student helpers. Technology training and support to students is accomplished through an extensive new student orientation, online video vignettes, and skill-steps available via Schoology.

Technology trainers are also available during school hours, located in the Technology Training Center.

### SUPPORT FOR TECHNOLOGY TOOL USES

Students use open-ended technology-based tools that enhance curriculum, depend on individual initiative and creativity, and provide for an interactive learning environment that draws upon an individual's knowledge. These tools focus on application (word processing, presentation, Adobe Photoshop, spreadsheet, and web publishing), simulation (GeoGebra, etc.), research (Internet, online databases), and technical skills (Logic, web design/HTML).



## APPENDIX

## COURSES BY SEMESTER 2022-23

\* = Pending UC Approval / Full Year Course = 10 credits / Semester Course = 5 credits

ENGLISH								
Full Year Courses (10)			Fall Semester Courses (5)			Spring Semester Courses (5)		
9	ENG 121/122	English 1	12	ENG 525	Identity in Literature	12	ENG 522	Children's Literature
9	ENG 131/132	English 1 Intensified	12	ENG 461	Psychological Realism	12	ENG 482	Great Works of Fiction and Poetry
10	ENG 221/222	English 2	12	ENG 453	Writing I: Creative Nonfiction	12	ENG 452	Literature and Film
10	ENG 211/212	Honors English 2				12	ENG 472	Science Fiction
11	ENG 321/322	English 3				12	ENG 454	Writing II: Argument & Persuasion
11	ENG 313/314	AP English Language & Composition	12	ENG 911	English Teacher Assistant	12	ENG 912	English Teacher Assistant
12	ENG 401/402	AP English Literature & Composition						

FINE ARTS								
Full Year Courses (10)			Fall Semester Courses (5)			Spring Semester Courses (5)		
9-12	ART 511/512	Computer Art	9-12	MUS 701	Chorus	9-12	MUS 702	Chorus
9-12	ART 313/314	Drawing and Design	9-12	PHO 011	Photography	10-12	PHO 012	Photography
11-12	ART 413/414	AP Art & Design	10-12	ART 543	Art of Film & Video	10-12	ART544	Art of Film & Video
12	ART 001/002	Art Workshop	10-12	ART 111	Ceramics 1	10-12	ART112	Ceramics 1
9-12	DRM 013/014	Performing Arts	10-12	ART 131	Ceramics 2	10-12	ART 132	Ceramics 2
10-12	DRM 111/112	Drama 1	10-12	ART 521	Computer Art 2	10-12	ART 522	Computer Art 2
11-12	DRM 231/232	Drama 2/3	10-12	ART 311	Drawing 1	10-12	ART 312	Drawing 1
9-12	MUS 511/512	Advanced Jazz Band	10-12	ART 321	Drawing 2	10-12	ART 322	Drawing 2
9-12	MUS 811/812	Digital Music Studio	10-12	ART 211	Painting 1	10-12	ART 212	Painting 1
9-12	MUS 521/522	Jazz Band	10-12	ART 531	Urban Art	10-12	ART 532	Urban Art
9-12	MUS 311/312	Symphonic Band	11-12	ART 231	Painting 2	11-12	ART 232	Painting 2
9-12	MUS 411/412	String Orchestra	12	ART 491	Art Teacher Assistant	12	ART 492	Art Teacher Assistant
			12	DRM 491	Drama Teacher Assistant	12	DRM 492	Drama Teacher Assistant
			12	MUS 991	Music Teacher Assistant	12	MUS 992	Music Teacher Assistant

## COURSES BY SEMESTER FOR 2022-23 (CONTINUED)

MATHEMATICS								
Full Year Courses (10)			Fall Semester Courses (5)			Spring Semester Courses (5)		
9	FLX 093/094	Flex Support Math	11-12	CSC 811	Computer Science Indep. Study	11-12	CSC 812	Computer Science Indep. Study
9	MAT 201/202	Geometry w/Adv. Algebra 1	11-12	MAT 811	Math Independent Study	11-12	MAT 812	Math Independent Study
10-11	MAT 331/332	*Advanced Algebra 2/Trig.	12	MAT 911	Math Teacher Assistant	12	MAT 912	Math Teacher Assistant
10-12	MAT 721/722	Finite Mathematics						
10-12	MAT 411/412	Pre-Calculus						
10-12	MAT 311/312	Honors Pre-Calculus						
10-12	MAT 613/614	AP Calculus AB						
10-12	MAT 611/612	AP Calculus BC						
10-12	CSC 131/132	AP Computer Science A						
10-12	MAT 711/712	AP Statistics						
11-12	MAT 423/424	Data Science						
11-12	MAT 621/622	Multivariable Calculus (H)						

PHYSICAL EDUCATION								
Full Year Courses (10)			Fall Semester Courses (5)			Spring Semester Courses (5)		
10	PHY 221/222	10th Female P.E. & Health	11-12	PHY 611	Beginning Yoga	11-12	PHY 612	Beginning Yoga
10	PHY 211/212	10th Male P.E. & Health	11-12	PHY 411	Physical Conditioning	11-12	PHY 412	Physical Conditioning
			11-12	PHY 311	Upper Division P.E.	11-12	PHY 312	Upper Division P.E.
			12	PHY 911	P.E. Teacher Assistant	12	PHY 912	P.E. Teacher Assistant

**COURSES BY SEMESTER FOR 2022-23 (CONTINUED)**

RELIGIOUS STUDIES						
Full Year Courses (10)			Fall Semester Courses (5)		Spring Semester Courses (5)	
	9	REL 113	Hebrew Scriptures	9	REL 113	Hebrew Scriptures
	9	REL 116	Sexuality & Spirituality	9	REL 116	Sexuality & Spirituality
	10	REL 213	Christian Scriptures	10	REL 213	Christian Scriptures
	10	REL 214	The Catholic Experience	10	REL 214	The Catholic Experience
	11	REL 311	Christian Morality	11	REL 312	Christian Morality
	11	REL 315	Christian Morality Online	11	REL 316	Christian Morality Online
	12	REL 541	Peace and Justice (seniors only)	11	REL 542	Peace and Justice (juniors only)
	11-12	REL 431	Bio-Ethics	11-12	REL 412	Atheism and Faith
	11-12	REL 451	Ethics and Media	11-12	REL 482	Marriage and Family
	11-12	REL 457	Ethics and Media Online	11-12	REL 548	Spiritual Ecology
	12	REL 521	Theological Research	11-12	REL 442	Church in the African American Experience (2023-24)
				11-12	REL 492	World Religions
				11-12	REL 462	Feminism, Christianity & Society (2022-23)

**COURSES BY SEMESTER FOR 2022-23 (CONTINUED)**

SCIENCE										
Full Year Courses (10)				Fall Semester Courses (5)			Spring Semester Courses (5)			
9	SCI 141/142	Science & The Environment	11-12	SCI 541	Electronics	11-12	SCI 632	Chemistry of Cooking		
10	SCI 221/222	Biology	11-12	SCI 311	Marine Biology	11-12	SCI 322	Human Anatomy and Physiology		
11-12	SCI 211/212	AP Biology	11-12	SCI 411	Sports Medicine	11-12	SCI 552	Robotics		
10-12	SCI 723/724	Earth and Space Science	11-12	SCI 821	Science Independent Study	11-12	SCI 822	Science Independent Study		
10-12	SCI 621/622	Chemistry	12	SCI 911	Science Teacher Assistant	12	SCI 912	Science Teacher Assistant		
10-12	SCI 611/612	Honors Chemistry								
11-12	SCI 741/742	AP Chemistry								
10-12	CSC 133/134	AP Computer Science Principles								
11-12	SCI 731/732	AP Environmental Science								
11-12	SCI 531/532	Engineering Physics								
11-12	SCI 511/512	Physics								
11-12	SCI 743/744	AP Physics 1								
12	SCI 833/834	Research Methods & Practice								



SOCIAL STUDIES										
Full Year Courses (10)				Fall Semester Courses (5)			Spring Semester Courses (5)			
9	SST 103/104	Advanced World History	10-12	SST 430/431	American Government / Close Up	10-12	SST 474	Hip Hop & Society		
11	SST 321/322	U.S. History	10-12	SST 551	Introduction to Law	10-12	SST 532	The Holocaust & Genocide Studies		
11	SST 311/312	AP U.S. History	11-12	SST 475	Race & the Law	12	SST 462	AP Macroeconomics		
12	SST 411/412	AP Government & Politics: U.S. & Comparative	12	SST 421	American Government	12	SST 424	Economics		
11-12	SST 501/502	AP Psychology	12	SST 611	Social Studies Indep Study	12	SST 612	Social Studies Indep Study		
10-12	SST 621/622	AP Human Geography	12	SST 911	Social Studies Teacher Assistant	12	SST 912	Social Studies Teacher Assistant		
11-12	SST 315/316	AP African American Studies Pilot								

**COURSES BY SEMESTER FOR 2022-23 (CONTINUED)**

WORLD LANGUAGES								
Full Year Courses (10)			Fall Semester Courses (5)			Spring Semester Courses (5)		
9-12	FLN 111/112	French 1	12	FLN 191	French Teacher Assistant	12	FLN 192	French Teaching Assistant
9-12	FLN 121/122	French 2	12	FLN 391	Spanish Teacher Assistant	12	FLN 392	Spanish Teacher Assistant
9-12	FLN 133/134	French 3	12	FLN 691	Mandarin Teacher Assistant	12	FLN 692	Mandarin Teacher Assistant
9-12	FLN 131/132	Honors French 3						
10-12	FLN 151/152	AP French Language						
9-12	FLN 611/612	Mandarin 1						
9-12	FLN 621/622	Mandarin 2						
9-12	FLN 631/632	Mandarin 3						
10-12	FLN 641/642	Mandarin 4						
9-12	FLN 313/314	Spanish 1						
9-12	FLN 311/312	Advanced Spanish 1						
9-12	FLN 323/324	Spanish 2						
9-12	FLN 321/322	Advanced Spanish 2						
9-12	FLN 327/328	Advanced Spanish 2 for Heritage Speakers						
9-12	FLN 333/334	Spanish 3						
9-12	FLN 331/332	Honors Spanish 3						
9-12	FLN 341/342	Spanish 4						
10-12	FLN 351/352	AP Spanish Language						

NON-DEPARTMENTAL COURSES (2.5 credits per semester)								
Full Year Courses (10)			Fall Semester Courses (5)			Spring Semester Courses (5)		
9-12	MSC 111/112	Journalism	10-12	MSC901	Study Hall	10-12	MSC902	Study Hall
11-12	MSC 850/851	Associated Student Body	12	MSC511	Office Assistant	12	MSC512	Office Assistant
12	MSC 600/601	Campus Ministry	11-12	PHY 311	Upper Division P.E.	11-12	PHY 312	Upper Division P.E.
12	MSC 861/862	Eco Leaders	12	PHY 911	P.E. Teacher Assistant	12	PHY 912	P.E. Teacher Assistant
12	MSC 867/868	Health & Wellness Leaders						
12	MSC 865/866	Solidarity in Action						
12	MSC 871/872	Student Athlete Leadership						





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