

Oregon Class Size Reporting

2023-24 Policy and Technical Manual

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# Introduction

Historically, Class Size has been reported in a number of different places. From 1997 to 2006, it was part of the Database Initiative (DBI) reports (now [archived](https://secure.sos.state.or.us/oard/displayDivisionRules.action)). From 2002-03 to 2011-12, Elementary Class Size was reported on [School and District Report Cards](https://odedistrict.oregon.gov/Applications/Pages/adi.aspx). In 2012, the statute governing school and district report cards was amended, and Class Size was removed as a required element of school and district report cards. Also in 2012-13, the Class Size collection, an aggregate collection containing, by classroom and class period, the total enrolled male and female students within elementary self-contained classes on a single day, was retired.

In 2010-11, the [Class Roster](https://odedistrict.oregon.gov/CollectionsValidations/Collections/Pages/ClassRoster.aspx) collection was created as part of Oregon’s obligations under federal law (American Recovery and Reinvestment Act’s State Fiscal Stabilization Fund). The collection includes individual student and teacher level data for an entire school year. Initially, this collection included only reading and mathematics courses in grades 3-8 and 11, but in 2013-14, it was expanded to include all instructional courses. Also in 2013, [HB 2644](https://odedistrict.oregon.gov/CollectionsValidations/Collections/Pages/InstructionalUnitIdentifierIUID-System.aspx) established class size reporting requirements for the Oregon Department of Education. In 2014-15, the Class Roster collection was expanded with new data elements to facilitate this reporting, and the OAR governing Class Size reporting ([OAR 581-002-0200](https://odedistrict.oregon.gov/CollectionsValidations/Collections/Pages/ClassRoster.aspx?selectedDivision=2551)) was adopted by the [State Board of Education.](https://www.oregonlegislature.gov/bills_laws/ors/ors329.html)

Beginning in 2014-15, the Oregon Department of Education produced and reported class size data for all subjects. A summary of these data appears on school and district report cards, and a more detailed report will be available on the [Class Size Report](https://olis.leg.state.or.us/liz/2013R1/Measures/Overview/HB2644) website at <http://www.oregon.gov/ode/reports-and-data/Pages/Class-Size-Report.aspx>.

There were no changes between the 2018-19 and 2019-20 school years. The 2019-20 school year was abbreviated due to the coronavirus pandemic in Oregon. The Class Size validation did not take place. The validation resumed for the 2020-21 school year.

If you have questions, please contact:

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# Data Source

The primary data source for the Class Size Report is the [Class Roster](http://www.oregon.gov/ode/reports-and-data/Pages/Class-Size-Report.aspx) collection. A single class roster record links together a student, teacher, and course section, including the dates of enrollment/assignment for the student and teacher, the course subject, the classroom, and class period in which the instruction occurred.

While Class Roster includes Instructional Unit ID numbers, classes are not determined in relation to IUID numbers or school section numbers. A class is specifically identified as a unique combination of classroom ID, class period ID, and school ID. More than one course can be occurring at the same time within the same classroom, which means multiple course identifiers can be associated with a single class. Course subjects are identified using [NCES Course Codes](https://www.oregon.gov/ode/reports-and-data/Pages/Class-Size-Report.aspx). This year we began posting course code files on the Class Size web page for user convenience and for researcher and data requester access. The current course codes can also be downloaded as an Excel file from the [IUID page](http://www.oregon.gov/ode/reports-and-data/Pages/Archived-Reports.aspx) on the district website. For convenience, the NCES course codes adopted for 2023-24 are shown in Appendices A and B, beginning on page 10.

All records indicating enrollment on the first weekday in May are included in the class size calculation. The first weekday in May this school year falls on May 1, 2024.

Validation of these data occurs through the [Achievement Data Insight application](http://www.ode.state.or.us/data/reportcard/reportarchive.aspx). See the [2024 ADI Training (YouTube)](http://www.oregon.gov/ode/about-us/stateboard/Pages/default.aspx) on the [Achievement Data Insight](https://odedistrict.oregon.gov/CollectionsValidations/Collections/Pages/InstructionalUnitIdentifierIUID-System.aspx) page for information on how to use this application.

# Calculation Process

## **Detail**

1. Select all records for instruction occurring on the first school day in May, excluding non-instructional courses. Non-Instructional courses are non-core subject courses that do not have curricula. Historically this exclusion has been limited to instructional aides. However, instructional aide courses were discontinued in 1718, so there are currently no specific non-instructional courses that are excluded.
2. Determine the course subject area. For classes with one course code, use the subject area associated with that code. For classes with more than one course code:
	1. If the course codes are all in the same subject area, the subject area is that subject area.
	2. If the course codes are all self-contained classes of different grade levels, the subject area is “Blended Classroom.”
	3. If the course codes are of different subject areas, and at least one course is not self-contained, the subject area is “Multiple Subjects.”
3. Determine whether the class should be included in reporting for this school. Some courses may be displayed at the class detail level but not included in the summary (aggregate) level or in public reporting (see Appendix B, page 21).
	1. Courses are included in reporting if:
		1. They are in a core subject area (English Language Arts, Mathematics, Science, Social Studies, World Language and Literature, Fine and Performing Arts), or they are a self-contained course and either
		2. All of the Alternative Education flags (in IUID) associated with the course are ‘N’ or the course is offered by an alternative school.
	2. See Appendix A (page 10) for a list of included courses.
4. Count the total number of teachers and students associated with the class on the first weekday in May.

Subject Area: The general subject or grade level being taught within the class. This field is used for aggregation, although not all subject areas will be aggregated.

Inclusion Flag:Indicates whether this course is part of the aggregations.

## Summary

Core Subject Area:The general subject area is reported on this row. The following Core Subject Areas will be reported for all institutions, although institutions may see blank rows for subjects that they do not offer:

* All Subjects/Grades: These rows include all reportable classes at the institution.
* Total Self-Contained: These rows include all self-contained or blended classes at the institution.
	+ Kindergarten, Grade 1, Grade 2…Grade 8: These rows include classes reported with a single, self-contained grade-level course code. See page 10 for a list of codes in these subjects.
	+ Blended Classroom: These rows include classes reported with multiple grade-level course codes, all of which were self-contained.
* Total Departmentalized: These rows include all instructional classes at the institution that were reported with at least one course code that was not self-contained. See page 10 for a list of codes included in these subjects.
	+ English Language Arts, Math, Science, Social Studies, World Language and Literature, Fine and Performing Arts: These rows include all instructional classes at the institution that were reported with course codes in these subject areas. See page 10 for a list of codes in these subjects.
	+ Multiple Subjects: These rows include all instructional classes that were reported with more than one subject area where at least one course within the class was not self-contained.

Grade Level: The grade span of the institution where the course is offered. This column is only populated for district-total rows. It is used to identify class size data by subject area for school and district At-A-Glance Profiles.

* E: Courses offered at an Elementary School
* M: Courses offered at a Middle School
* H: Courses offered at a High School
* C: Courses offered at a Combined School (a school offering high school grades, as well as grade 7 or lower)

Classes of 1 to 15:The total number of classes that meet the inclusion criteria and have 15 or fewer students enrolled on the first weekday of May.

Classes of 16 to 25:The total number of classes that meet the inclusion criteria and have 16 to 25 students enrolled on the first weekday of May.

Classes of 26 to 35:The total number of classes that meet the inclusion criteria and have 26 to 35 students enrolled on the first weekday of May.

Classes of 36 to 45:The total number of classes that meet the inclusion criteria and have 36 to 45 students enrolled on the first weekday of May.

Classes of 46 to 55**:** The total number of classes that meet the inclusion criteria and have 46 to 55 students enrolled on the first weekday of May.

Classes of 56 or more**:** The total number of classes that meet the inclusion criteria and have at least 56 students enrolled on the first weekday of May.

Average Class Size**:** The average size of the classes meeting the inclusion criteria on the first weekday of May, is calculated by summing the sizes of all the classes and dividing by the total number of classes.

Median Class Size:The median size of the classes meeting the inclusion criteria on the first weekday of May. The median is the middle number in an ordered list. If there is an even number of classes in a particular grouping, the median is the average of the two middle values.

Total Students**:** The total number of students enrolled in courses on the first weekday of May. Students are counted only once even if they are enrolled in more than one of the listed type of course.

Total Teachers:The total number of teachers assigned to courses on the first weekday of May. Teachers are counted only once even if they are teaching more than one of the listed type of course.

Unreported Students:The total number of students who are in the spring membership extract as attending the listed school or district, but were not reported as enrolled in any instructional classes on the first weekday of May in Class Roster. These values are only included on total rows (All Grades and Subjects) for quality checking purposes.

# Example

This school offers a blended kindergarten and first grade classroom, plus one classroom for 2nd grade and one for 3rd grade. They also have a math teacher, Mr. Coulson, who teaches Algebra 1 to three classes per day, and Ms. Danvers, who teaches Orchestra and Band. Fifteen students are enrolled in both Orchestra and Band, and ten of those students are also enrolled in Algebra 1 (note that class roster example records are provided for only the first two classes).

| Class Roster  | IUID | Classroom ID | Class Period | Subject | Student | Teacher |
| --- | --- | --- | --- | --- | --- | --- |
| **Records** | 1 | 101 | AllDay | Kindergarten | Stark | Fury |
|  | 1 | 101 | AllDay | Kindergarten | Odinson | Fury |
|  | 2 | 101 | AllDay | Grade 1 | Pym | Hill |
|  | 2 | 101 | AllDay | Grade 1 | Van Dyne | Hill |
|  | 3 | 200A | AllDay | Grade 2 | Banner | Romanov |
|  | 3 | 200A | AllDay | Grade 2 | Rogers | Romanov |
|  | 3 | 200A | AllDay | Grade 2 | Barton | Romanov |

|  | Classroom ID | Class Period | Subject | Students | Teachers |
| --- | --- | --- | --- | --- | --- |
|  | 101 | AllDay | Blended Classroom | 4 | 2 |
|  | 200A | AllDay | Grade 2 | 3 | 1 |
|  | 30 | AllDay | Grade 3 | 8 | 1 |
| **Class Size**  | 005 | Per1 | Algebra 1 | 13 | 1 |
| **Detail Records** | 005 | Per2 | Algebra 1 | 15 | 1 |
|  | 005 | Per3 | Algebra 1 | 29 | 1 |
|  | Auditorium | Morning | Orchestra | 43 | 1 |
|  | Auditorium | Afternoon | Band | 64 | 1 |

| Core Subject Area | Classes with 15 or fewer students | Classes with 16 to 25 students | Classes with 26 to 35 students | Classes with 36 to 45 students | Classes with 46 to 55 students | Classes with 56 or more students | Median class size | Average class size | Total Teachers | Total Students |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| All Subjects/Grades | 5 | - | 1 | 1 | - | 1 | 14 | 22.4 | 6 | 154 |
| Total Self-contained  | 3 | - | - | - | - | - | 4 | 5 | 4 | 15 |
| Kindergarten | - | - | - | - | - | - | - | - | - | - |
| Grade 1 | - | - | - | - | - | - | - | - | - | - |
| Grade 2 | 1 | - | - | - | - | - | 3 | 3 | 1 | 3 |
| Grade 3 | 1 | - | - | - | - | - | 8 | 8 | 1 | 8 |
| Blended Classroom | 1 | - | - | - | - | - | 4 | 4 | 2 | 4 |
| Total Departmentalized | 2 | - | 1 | 1 | - | 1 | 29 | 32.8 | 2 | 139 |
| Math | 2 | - | 1 | - | - | - | 15 | 19 | 1 | 57 |
| Fine and Performing Arts | - | - | - | 1 | - | 1 | 53.5 | 53.5 | 1 | 97image of roman numeral 6 |

## Key to Example

 Note that this class has two IUIDs associated with it, but they are linked together with a shared classroom and class period ID.

 Although this school enrolls both kindergarten and first grade students, these rows are blank because the school does not offer classes for kindergarten alone or for first grade alone. Kindergarten and first grade blended classes are listed under “Blended classroom.”

 There are three self-contained classrooms. One has three students, one has four, and one has eight. The count of four students is the middle number of the list, so it is the median. There are eight classes in total for all subjects and grades. In ascending order, their sizes are 3, 4, 8, 13, 15, 29, 43, and 64. Because there are an even number of classes, 13 and 15 are both in the middle. The median is 14, which is halfway between 13 and 15.

 The average class size is computed by summing the sizes of all the classes and dividing by the number of classes. In this case:

 $\frac{3 + 4 + 8 + 13 + 15 + 29 + 43 + 64}{8}$ = 22.4

 Even though the math and fine arts teachers each teach multiple classes, and the fine arts teacher teaches multiple subjects, they are counted only once.

 There are 43 students in orchestra and 64 students in band, but 10 students are enrolled in both, so the total number of unique students enrolled in fine art classes is only 97.

# Appendix A: Included Courses by Subject Area

Please note: Course identifiers have been condensed and abbreviated. For the complete list and full course names, see [the IUID page](https://youtu.be/Hfn8c9j0D6k)

##

## Self-Contained

23003 Kindergarten

23004 Grade 1

23005 Grade 2

23006 Grade 3

23007 Grade 4

23008 Grade 5

23009 Grade 6

23010 Grade 7

23011 Grade 8

23012 Blended Grade

23041 IB Primary Years Program

## Departmentalized

### English Language Arts

1001-1004 English/Language Arts I-IV (9th-12th grade)

1005 AP English Language and Composition

1006 AP English Literature and Composition

1007 IB Language A (English)

1008 English as a Second Language

1009 Language Arts Laboratory

1010 IB Language A (English), Middle Years

1011 IB Language A: Language and Literature (English)

1012 IB Literature and Performance

1013 AP Seminar

1034-1036 Language Arts (6-8 grade)

1037 Language Arts—General

1046-1048 Reading (6-8 grade)

1049 Reading—General

1051 English/Literature (9/10 grade)

1052 English/Literature (11/12 grade)

1053 Literature

1054 American Literature

1055 American Literature/History

1056 British Literature

1057 British Literature/History

1058 World Literature

1059 Biblical Literature

1060 Literature of an Author

1061 Literature of a Genre

1062 Literature of a Period

1063 Literature of a Place

1064 Literature of a People

1065 Literature of a Theme

1066 Strategic Reading

1067 Assisted Reading

1068 Corrective Reading

1069 Mythology

1099 Literature—Other

1101 English/Composition (9/10grade)

1102 English/Composition (11/12 grade)

1103 Composition

1104 Creative Writing

1105 Research/Technical Writing

1136-1138 Writing (grade 6-8)

1139 Writing—General

1149 Composition—Other

1151 Public Speaking

1152 Forensic Speech—Inclusive

1153 Forensic Speech—Debate

1154 Forensic Speech—Individual Event

1155 Communications

1156 Applied English and Communications

1199 Speech—Other

1201 English Morphology and Grammar

1202 History of the English Language

1203 English—Test Preparation

1204 English Grammar

1992 English Proficiency Development

1996 English Language & Literature—Supplemental

1999 English Language & Literature—Other

22109 IB Extended Essay

22112 AP Research

### Mathematics

2001 Informal Mathematics

2002 General Mathematics

2003 Particular Topics in Foundation Mathematics

2036-2038 Mathematics (6-8 grade)

2039 Mathematics—General

2049 Foundation Math—Other

2051 Pre-Algebra

2052 Algebra I

2053-2054 Algebra I, part 1 and 2

2055 Transition Algebra

2056 Algebra II

2057 Algebra III

2058 Particular Topics in Algebra

2062-2065 Integrated Mathematics I-IV

2069 Algebra—Other

2071 Informal Geometry

2072 Geometry

2073 Analytic Geometry

2074 Principles of Algebra and Geometry

2075 Particular Topics in Geometry

2079 Geometry—Other

2101 Number Theory

2102 Discrete Mathematics

2103 Trigonometry

2104 Mathematic Analysis

2105 Trigonometry/Math Analysis

2106 Trigonometry/Algebra

2107 Trigonometry/Analytic Geometry

2108 Mathematic Analysis /Analytic Geometry

2109 Elementary Functions

2110 Pre-Calculus

2111 Linear Algebra

2112 Linear Programming

2113 Abstract Algebra

2114 AP Precalculus

2121 Calculus

2122 Multivariate Calculus

2123 Differential Calculus

2124-2125 AP Calculus AB-BC

2126 Particular Topics in Calculus

2135 IB Mathematics, Middle Years

2136 Finite Mathematics

2137 Mathematical Modeling

2138 College Mathematics Preparation

2139 IB Mathematics: Applications and Interpretation

2140 IB Mathematics: Analysis and Approaches

2141 Particular Topics in Analytic Mathematics

2149 Analytic Mathematics—Other

2151 General Applied Math

2152 Occupationally Applied Math

2153 Technical Math

2154 Business Math

2155 Business Math with Algebra

2156 Computer Math with Algebra

2157 Consumer Math

2158 Quantitative Reasoning

2201 Probability and Statistics

2202 Inferential Probability and Statistics

2203 AP Statistics

2204 Particular Topics in Probability and Statistics

2205 Statistics

2209 Probability and Statistics—Other

2991 History of Mathematics

2993 Mathematics—Test Preparation

2994 Mathematics Proficiency Development

2996 Mathematics—Supplemental

2999 Mathematics—Other

### Science

3001 Earth Science

3002 Geology

3003 Environmental Science

3004 Astronomy

3005 Marine Science

3006 Meteorology

3007 Physical Geography

3008 Earth and Space Science

3009 Particular Topics in Earth Science

3010 Earth/Space Science (prior to secondary)

3011 Physical Science (prior to secondary)

3012 Energy and Environment

3049 Earth Science—Other

3051 Biology

3052 Biology—Advanced Studies

3053 Anatomy and Physiology

3054 Anatomy

3055 Physiology

3056 AP Biology

3057 IB Biology

3058 Botany

3059 Genetics

3060 Microbiology

3061 Zoology

3062 Conceptual Biology

3063 Particular Topics in Biology

3064 Regional Biology

3065 IB Sports, Exercise, & Health Science

3066 PLTW Principles of Biomedical Science

3067 PLTW Human Body Systems

3068 PLTW Medical Interventions

3069 Nutrition Science

3070 PLTW Biomedical Innovation

3099 Biology—Other

3101 Chemistry

3102 Chemistry—Advanced Studies

3103 Organic Chemistry

3104 Physical Chemistry

3105 Conceptual Chemistry

3106 AP Chemistry

3107 IB Chemistry

3108 Particular Topics in Chemistry

3149 Chemistry—Other

3151 Physics

3152 Physics—Advanced Studies

3153 Principles of Technology

3156 AP Physics C

3157 IB Physics

3158 Life Science

3159 Physical Science

3161 Conceptual Physics

3162 Particular Topics in Physics

3163 AP Physics C: Electricity and Magnetism

3164 AP Physics C: Mechanics

3165 AP Physics 1

3166 AP Physics 2

3199 Physics—Other

3201 Integrated Science

3202 Unified Science

3203 Applied Biology/Chemistry

3204 Technological Inquiry

3205 Origins of Science

3206 IB Design Technology

3207 AP Environmental Science

3208 IB Environmental Systems and Societies

3209 Aerospace

3210 Science, Technology and Society

3211 Technical Science

3212 Scientific Research and Design

3213 IB Sciences, Middle Years

3214 Forensic Laboratory Science

3236-3238 Science (6-8 grade)

3239 Science—General

3994 Life and Physical Sciences—Proficiency Development

3996 Life and Physical Sciences—Supplemental

3999 Life and Physical Sciences—Other

### Social Studies

4001 World Geography

4002 Particular Topics in Geography

4003 IB Geography

4004 AP Human Geography

4005 U.S. Geography

4049 Geography—Other

4051 World History—Overview

4052 World History and Geography

4053 Modern World History

4054 IB History

4055 Modern European History

4056 AP European History

4058 Ancient Civilizations

4059 Medieval European History

4060 Ancient and Medieval History

4061 World Area Studies

4062 World People Studies

4063 Western Civilization

4064 Contemporary World Issues

4065 Particular Topics in World History

4067 AP World History: Modern

4099 World History—Other

4101 U.S. History—Comprehensive

4102 Early U.S. History

4103 Modern U.S. History

4104 AP U.S. History

4105 State-Specific Studies

4106 Contemporary U.S. Issues

4107 U.S. Ethnic Studies

4108 U.S. Gender Studies

4109 Particular Topics in U.S. History

4110 U.S. Wars and Military Conflicts

4149 U.S. History—Other

4151 U. S. Government-Comprehensive

4152 Particular Topics in U.S. Government

4153 Political Science

4154 Comparative Government

4155 International Relations

4156 United States and World Affairs

4157 AP U. S. Government and Politics

4158 AP Comparative Government and Politics

4159 AP Government

4160 U.S. Government, Civics, and Economics

4161 Civics

4162 Law Studies

4163 Consumer Law

4164 Business Law

4165 Legal System

4166 Particular Topics in Law

4167 Simulated Political Process

4169 IB Global Politics

4171 IB Individuals and Societies, Middle Years

4199 Government, Politics and Law—Other

4201 Economics

4202 Comparative Economics

4203 AP Microeconomics

4204 AP Macroeconomics

4205 AP Economics

4206 IB Economics

4207 Particular Topics in Economics

4208 Microeconomics

4209 Macroeconomics

4249 Economics—Other

4251 Anthropology

4252 Particular Topics in Anthropology

4253 IB Social and Cultural Anthropology

4254 Psychology

4255 Particular Topics in Psychology

4256 AP Psychology

4257 IB Psychology

4258 Sociology

4259 Particular Topics in Sociology

4260 Social Science

4261 Social Science Research

4299 Social Sciences—Other

4301 Humanities Survey

4302 Humanities

4303 Issues of Western Humanities

4304 IB Theory of Knowledge

4305 Social Studies

4306 Philosophy

4307 Particular Topics in Philosophy

4308 Modern Intellectual History

4309 IB Philosophy

4310 Particular Topics in Humanities

4349 Humanities—Other

4436-4438 Social Studies (6-8 grade)

4439 Social Studies—General

4994 Social Sciences and History—Proficiency Development

4996 Social Sciences and History—Supplemental

4999 Social Sciences and History—Other

### World Languages

24039 World Language—General

24040 Exploration of Multiple World Languages

24041 Braille

24042 IB Language B-English

24043 IB Language Ab Initio-English

24050 Spanish for Young Learners (prior to secondary)

24052-24056 Spanish I-V

24057 Spanish for Native Speakers

24058 Spanish Field Experience

24059 Spanish Conversation & Culture

24060 Spanish Literature

24061 Particular Topics in Spanish

24062 IB Language A: Literature—Spanish

24063 IB Language B—Spanish

24064 AP Spanish Language and Culture

24065 AP Spanish Literature and Culture

24066 IB Language B (Spanish), Middle Years

24067 IB Language A: Language and Literature—Spanish

24068 IB Language Ab Initio—Spanish

24099 Spanish—Other

24100 French for Young Learners (prior to secondary)

24102-24106 French I-V

24107 French for Native Speakers

24108 French Field Experience

24109 French Conversation & Culture

24110 French Literature

24111 Particular Topics in French

24112 IB Language A: Literature—French

24113 IB Language B—French

24114 AP French Language and Culture

24116 IB Language B (French), Middle Years

24117 IB Language A: Language and Literature—French

24118 IB Language Ab Initio—French

24149 French—Other

24150 Italian for Young Learners (prior to secondary)

24152-24156 Italian I-V

24157 Italian for Native Speakers

24158 Italian Field Experience

24159 Italian Conversation & Culture

24160 Italian Literature

24161 Particular Topics in Italian

24162 IB Language A: Literature—Italian

24163 IB Language B—Italian

24164 AP Italian and Culture

24166 IB Language B (Italian), Middle Years

24167 IB Language A: Language and Literature—Italian

24168 IB Language Ab Initio—Italian

24199 Italian—Other

24200 Portuguese for Young Learners (prior to secondary)

24202-24206 Portuguese I-V

24207 Portuguese for Native Speakers

24208 Portuguese Field Experience

24209 Portuguese Conversation & Culture

24210 Portuguese Literature

24211 Particular Topics in Portuguese

24212 IB Language A: Literature—Portuguese

24213 IB Language B—Portuguese

24216 IB Language B (Portuguese), Middle Years

24217 IB Language A: Language and Literature—Portuguese

24249 Portuguese—Other

24250 German for Young Learners (prior to secondary)

24252-24256 German I-V

24257 German for Native Speakers

24258 German Field Experience

24259 German Conversation & Culture

24260 German Literature

24261 Particular Topics in German

24262 IB Language A: Literature—German

24263 IB Language B—German

24264 AP German Language and Culture

24266 IB Language B (German), Middle Years

24267 IB Language A: Language and Literature—German

24268 IB Language Ab Initio—German

24269 IB Language A: Literature—Danish

24270 IB Language A: Literature—Dutch

24271 IB Language A: Literature—Swedish

24272 IB Language B—Danish

24273 IB Language B—Dutch

24274 IB Language B—Swedish

24275 IB Language A: Language and Literature—Dutch

24276 IB Language A: Language and Literature—Swedish

24277 IB Language Ab Initio—Danish

24278 IB Language Ab Initio—Dutch

24279 IB Language Ab Initio—Swedish

24299 German—Other

24300 Greek for Young Learners (prior to secondary)

24302-306 Greek I-V

24307 Greek for Native Speakers

24308 Greek Field Experience

24309 Greek Conversation & Culture

24310 Greek Literature

24311 Particular Topics in Greek

24312 IB Language A: Literature—Greek

24316 IB Language B (Greek), Middle Years

24317 IB Language A: Language and Literature—Greek

24339 Greek—Other

24340 Latin for Young Learners (prior to secondary)

24342-24346 Latin I-V

24351 Particular Topics in Latin

24352 IB Classical Languages—Latin

24355 AP Latin (Virgil, Catullus, and Horace)

24369 Latin—Other

24370 Classical Greek for Young Learners (prior to secondary)

24372-24376 Classical Greek I-V

24381 Particular Topics in Classical Greek

24382 IB Classical Languages—Greek

24389 Classical Greek—Other

24390 Classical Hebrew for Young Learners (prior to secondary)

24391-24395 Classical Hebrew I-V

24396 Particular Topics in Classical Hebrew

24399 Classical Hebrew—Other

24400 Chinese for Young Learners (prior to secondary)

24402-24406 Chinese I-V

24407 Chinese for Native Speakers

24408 Chinese Field Experience

24409 Chinese Conversation & Culture

24410 Chinese Literature

24411 Particular Topics in Chinese

24412 IB Language A: Literature—Chinese

24413 IB Language B—Chinese Languages

24414 AP Chinese Language and Culture

24416 IB Language B (Chinese), Middle Years

24417 IB Language A: Language and Literature—Chinese

24418 IB Language Ab Initio—Chinese Languages

24449 Chinese—Other

24450 Japanese for Young Speakers (prior to secondary)

24452-24456 Japanese I-V

24457 Japanese for Native Speakers

24458 Japanese Field Experience

24459 Japanese Conversation & Culture

24460 Japanese Literature

24461 Particular Topics in Japanese

24462 IB Language A: Literature—Japanese

24463 IB Language B—Japanese

24464 AP Japanese Language & Culture

24466 IB Language (Japanese), Middle Years

24467 IB Language A: Language and Literature—Japanese

24468 IB Language Ab Initio—Japanese

24499 Japanese—Other

24500 Korean for Young Learners (prior to secondary)

24502-24506 Korean I-V

24507 Korean for Native Speakers

24508 Korean Field Experience

24509 Korean Conversation & Culture

24510 Korean Literature

24511 Particular Topics in Korean

24512 IB Language A: Literature–Korean

24513 IB Language B—Korean

24516 IB Language B (Korean), Middle Years

24517 IB Language A: Language and Literature—Korean

24549 Korean—Other

24550 Vietnamese for Young Learners (prior to secondary)

24552-24556 Vietnamese I-V

24557 Vietnamese for Native Speakers

24558 Vietnamese Field Experience

24559 Vietnamese Conversation & Culture

24560 Vietnamese Literature

24561 Particular Topics in Vietnamese

24562 IB Language A: Literature—Vietnamese

24566 IB Language (Vietnamese), Middle Years

24599 Vietnamese—Other

24600 Filipino (prior to secondary)

24602-24606 Filipino I-V

24607 Filipino for Native Speakers

24608 Filipino Field Experience

24609 Filipino Conversation & Culture

24610 Filipino Literature

24611 Particular Topics in Filipino

24612 IB Language A: Literature—Filipino

24616 IB Language (Filipino), Middle Years

24649 Filipino—Other

24650 Russian (prior to secondary)

24652-24656 Russian I-V

24657 Russian for Native Speakers

24658 Russian Field Experience

24659 Russian Conversation & Culture

24660 Russian Literature

24661 Particular Topics in Russian

24662 IB Language A: Literature—Russian

24663 IB Language B—Russian

24666 IB Language B (Russian), Middle Years

24667 IB Language A: Language and Literature—Russian

24668 IB Language Ab Initio—Russian

24699 Russian—Other

24700 Hebrew (prior to secondary)

24702-24706 Hebrew I-V

24707 Hebrew for Native Speakers

24708 Hebrew Field Experience

24709 Hebrew Conversation & Culture

24710 Hebrew Literature

24711 Particular Topics in Hebrew

24712 IB Language A: Literature—Hebrew

24713 IB Language B—Hebrew

24716 IB Language (Hebrew), Middle Years

24749 Hebrew—Other

24750 Arabic (prior to secondary)

24752-24756 Arabic I-V

24757 Arabic for Native Speakers

24758 Arabic Field Experience

24759 Arabic Conversation & Culture

24760 Arabic Literature

24761 Particular Topics in Arabic

24762 IB Language A: Literature—Arabic

24763 IB Language B—Arabic

24766 IB Language B (Arabic), Middle Years

24767 IB Language A: Language and Literature—Arabic

24768 IB Language Ab Initio—Arabic

24799 Arabic—Other

24800 Swahili (prior to secondary)

24802-24806 Swahili I-V

24807 Swahili for Native Speakers

24808 Swahili Field Experience

24809 Swahili Conversation & Culture

24810 Swahili Literature

24811 Particular Topics in Swahili

24812 IB Language A: Literature—Swahili

24816 IB Language (Swahili), Middle Years

24818 IB Language Ab Initio—Swahili

24849 Swahili—Other

24850 American Sign Language (prior to secondary)

24852-24856 American Sign Language I-V

24858 American Sign Language Field Experience

24861 Particular Topics in American Sign Language

24866 IB Language B (American Sign Language), Middle Years

24899 American Sign Language—Other

24900 American Indian Language (prior to secondary)

24902-24906 American Indian Language I-V

24907 American Indian Language for Native Speakers

24908 American Indian Language Field Experience

24909 American Indian Language Conversation & Culture

24910 American Indian Literature

24911 Particular Topics in American Indian Language

24916 IB Language B (American Indian Language), Middle Years

24949 American Indian Language—Other

24950 World Language (Other Language) for Young Learners (prior to secondary)

24952-24956 World Language (Other Language) I-V

24957 World Language (Other Language) for Native Speakers

24958 World Language (Other Language) Field Experience

24959 World Language (Other Language) Conversation & Culture

24960 World Language (Other Language) Literature

24961 Particular Topics in World Language (Other Language)

24962 IB Language A: Literature—World Language (Other Language)

24963 IB Language B—World Language (Other Language)

24966 IB Language B (Other World Language), Middle Years

24967 IB Language A: Language and Literature—(Other World Language)

24968 IB Language Ab Initio—(Other World Language)

24989 World Language (Other Language)—Other

24999 World Language and Literature—Other

### Fine and Performing Art

5001 Dance Technique

5002 Dance Repertory

5003 General Dance

5004 Dance History and Appreciation

5005 Dance—Choreography

5006 Dance Survey

5007 Dance Improvisation

5008 World/Cultural Dance

5009 Technical Theater for Dance

5010 Social Dance

5011 Dance Composition /Composition Seminar

5012 IB Dance

5013 Dance for Musical Theater

5014 Ballet

5015 Jazz Dance

5016 Modern Dance

5017 Hip Hop

5018 Tap Dance

5036-5038 Dance (6-8 grade)

5039 Dance—General

5049 Dance—Other

5051 Introduction to Theater

5052 Theater Arts

5053 Theater—Comprehensive

5055 Theater—Acting/Performance

5056 Theater—Stagecraft

5057 Theater—Directing

5058 Playwriting and Screenwriting

5059 History and Literature of the Theater

5060 Musical Theater

5061 Theatrical Production and Management

5062 IB Theatre

5076-5078 Drama (6-8 grade)

5079 Drama—General

5099 Theater—Other

5101 General Band

5102 Concert Band

5103 Marching Band

5104 Orchestra

5105 Contemporary Instrumental Ensemble

5106 Small Ensemble

5107 Piano

5108 Guitar

5109 Individual Technique—Instrumental Music

5110 Chorus

5111 Vocal Ensemble

5112 Individual Technique—Vocal Music

5113 Music Theory

5114 AP Music Theory

5115 IB Music

5116 Music History/Appreciation

5117 Music History

5118 Music Appreciation

5119 Composition /Songwriting

5120 Strings

5121 Contemporary Vocal Ensemble

5122 Culturally Influenced Ensemble

5136-5138 Music (6-8 grade)

5139 Music—General

5149 Music—Other

5151 Art Appreciation

5152 Art History

5153 AP Art History

5154 Visual Art—Comprehensive

5155 Visual Arts—Drawing/Painting

5156 Visual Arts—Drawing

5157 Visual Arts—Painting

5158 Visual Arts—Sculpture

5159 Ceramics/Pottery

5160 Printmaking/Graphics

5161 Printmaking

5162 Visual Communications Design

5163 Advertising Design

5164 Fibers and Textile Design

5165 Crafts

5166 Jewelry

5167 Photography

5168 Cinematography/Video Production

5169 Multimedia Art

5170 Art Portfolio

5172 AP Drawing

5173 IB Visual Arts

5174 AP 2-D Art and Design

5175 AP Art 3-D Art and Design

5176 Calligraphy/Lettering

5186-5188 Art (6-8 grade)

5189 Art—General

5194 IB Film

5199 Visual Arts—Other

5201 Interdisciplinary Arts

5202 IB Arts, Middle Years Program

5203 Film Appreciation & Analysis

5999 Visual and Performing Art—Other

# Appendix B: Courses Not Included in Summary

The following courses are included in the detail level, but are not included in aggregations unless part of a reportable class (i.e. they were reported with the same classroom and class period ID as a course that is always included).

## Independent Study (IS)

1097 Literature - IS

1147 Composition - IS

1197 Speech - IS

1997 English Language & Literature - IS

2047 Foundation Math - IS

2207 Probability & Statistics - IS

2997 Mathematics - IS

3047 Earth Science - IS

3097 Biology - IS

3147 Chemistry - IS

3197 Physics - IS

3997 Life & Physical Sci. - IS

4047 Geography - IS

4097 World History - IS

4147 U.S. History - IS

4197 Gov., Politics & Law - IS

4247 Economics - IS

4297 Social Sciences - IS

4347 Humanities - IS

4997 Social Sciences & History - IS

5047 Dance - IS

5097 Theater - IS

5147 Music - IS

5197 Visual Arts – IS

5297 Media Arts - IS

5997 Visual & Performing Art - IS

7997 Religious Education & Theology - IS

8047 Physical Education - IS

8097 Health Education – IS

8147 Physical & Health Ed. - IS

8197 Drivers' Education. - IS

8997 Physical, Health, & Safety Ed. - IS

9997 Military Science - IS

10047 Computer Literacy - IS

10097 Management Information Systems - IS

10147 Networking Systems - IS

10197 Computer Programming - IS

10247 Media Technology - IS

10297 Information Support & Services - IS

10997 Information Technology- IS

11047 Communication - IS

11097 Audio/Video Tech. & Film - IS

11147 Journalism & Broadcasting - IS

11197 Printing Technology - IS

11997 Communication & Audio/Video Technology - IS

12047 Administration - IS

12097 Management - IS

12147 Finance - IS

12197 Marketing - IS

12247 Sales - IS

12997 Business & Marketing - IS

13097 Processing/Production - IS

13147 Production Systems - IS

13247 Metalwork - IS

13347 Repair - IS

13997 Manufacturing - IS

14097 Therapeutic Services - IS

14147 Diagnostic Services - IS

14197 Health Information - IS

14247 Health Support Services - IS

14297 Health Sciences - IS

14997 Health Care Sciences - IS

15097 Law Enforcement - IS

15147 Security & Protection - IS

15197 Fire Management - IS

15247 Government Service - IS

15997 Public, Protective, & Gov. Service - IS

16097 Restaurant, Food & Beverage Services - IS

16147 Lodging - IS

16197 Travel & Tourism - IS

16247 Recreation, Amusement & Attractions - IS

16997 Hospitality & Tourism - IS

17047 General Construction - IS

17097 Air Conditioning, Heating & Plumbing - IS

17147 Electricity/Electronics - IS

17997 Architecture & Construction - IS

18097 Plant Systems - IS

18147 Animal Systems - IS

18247 Agribusiness - IS

18347 Agricultural Production & Processing - IS

18447 Agricultural Mechanics & Construction - IS

18547 Natural Resources - IS

18997 Agriculture, Food, & Natural Resources - IS

19097 Child & Elder Care - IS

19147 Cosmetology - IS

19197 Education - IS

19247 Apparel & Furnishings – IS

19297 Family & Consumer Sciences - IS

19997 Human Services - IS

20097 Operation - IS

20147 Mechanics & Repair - IS

20197 Distribution & Logistics - IS

20997 Transportation, Distribution & Logistics - IS

21047 Engineering - IS

21097 Technology - IS

21147 Drafting - IS

21997 Engineering & Tech. - IS

24997 World Language and Literature – IS

## Military

9001 Introduction to Jr. ROTC

9002 Military Jr. ROTC-unspecified branch

9003 ROTC Drill

9004 Military Leadership

9051-9054 Army Junior ROTC I-IV

9101-9104 Naval Junior ROTC I-IV

9151-9154 Air Force Junior ROTC I-IV

9201-9204 Marine Corps Junior ROTC I-IV

9999 Military Science —Other

## Physical Education

8001 Physical Education

8002 Team Sports

8003 Individual/Dual Sports

8004 Recreation Sports

8005 Fitness/Conditioning Activities

8006 Corps Movement

8008 Gymnastics

8009 Weight Training

8010 Aquatics/Water Sports

8011 Tennis

8012 Self-defense

8013 Specific Sports Activities

8014 Physical Ed. Equivalent

8015 Off-Campus Sports

8016 Lifetime Fitness Education

8017 Sports Physiology

8018 Coaching

8019 Officiating

8036-8038 Physical Education (6-8 grade)

8039 Physical Education—General

8040 IB Physical Education, Middle Years

8049 Physical Education—Other

8051 Health Education

8052 Health & Fitness

8053 Community Health

8055 Safety & First Aid

8056 Health for Parenting Teens

8057 Health & Life Management

8058 Substance Abuse Prevention

8076-8078 Health Education (6-8 grade)

8079 Health Education—General

8099 Health Education—Other

8101 Physical and Health Education

8110-8112 Physical and Health Education (6-8 grade)

8113 Physical and Health Education—General

8149 Physical and Health Education—Other

8201 Physical Ed/Health/Drivers' Education

8999 Physical, Health, & Safety Education—Other

## Workplace Experience (WE)

1098 Literature - WE

1148 Composition - WE

1198 Speech - WE

1998 English Language & Literature - WE

2998 Mathematics - WE

3048 Earth Science - WE

3098 Biology - WE

3148 Chemistry - WE

3198 Physics - WE

3998 Life & Physical Sciences - WE

4048 Geography - WE

4098 World History - WE

4148 U.S. History - WE

4198 Gov., Politics & Law - WE

4248 Economics - WE

4298 Social Sciences - WE

4348 Humanities - WE

4998 Social Sciences & History - WE

5048 Dance - WE

5098 Theater - WE

5148 Music - WE

5198 Visual Arts – WE

5298 Media Arts - WE

5998 Visual & Performing Art - WE

7998 Religious Education & Theology - WE

8048 Physical Education - WE

8098 Health Education – WE

8148 Physical and Health Education - WE

8198 Drivers' Education - WE

8998 Physical, Health, & Safety Education - WE

9998 Military Science - WE

10048 Computer Literacy - WE

10098 Management Information Systems - WE

10148 Networking Systems - WE

10198 Computer Programming - WE

10248 Media Technology - WE

10298 Information Support & Services - WE

10998 Information Technology - WE

11048 Communication - WE

11098 Audio/Video Technology & Film - WE

11148 Journalism & Broadcasting - WE

11198 Printing Technology - WE

11998 Communication & Audio/Video Technology - WE

12048 Administration - WE

12098 Management - WE

12148 Finance - WE

12198 Marketing - WE

12248 Sales - WE

12998 Business & Marketing - WE

13098 Processing/Production - WE

13148 Production Systems - WE

13248 Metalwork - WE

13348 Repair - WE

13998 Manufacturing - WE

14098 Therapeutic Services - WE

14148 Diagnostic Services - WE

14198 Health Information - WE

14248 Health Support Services - WE

14298 Health Sciences - WE

14998 Health Care Sciences - WE

15098 Law Enforcement - WE

15148 Security & Protection - WE

15198 Fire Management - WE

15248 Government Service - WE

15998 Public, Protective, & Government Service - WE

16098 Restaurant, Food & Beverage Services - WE

16148 Lodging - WE

16198 Travel & Tourism - WE

16248 Recreation, Amusement & Attractions - WE

16998 Hospitality & Tourism - WE

17048 General Construction - WE

17098 Air Conditioning, Heating & Plumbing - WE

17148 Electricity/Electronics - WE

17998 Architecture & Construction - WE

18098 Plant Systems - WE

18148 Animal Systems - WE

18248 Agribusiness - WE

18348 Agricultural Production & Processing - WE

18448 Agricultural Mechanics & Construction - WE

18548 Natural Resources - WE

18998 Agriculture, Food, & Natural Resources - WE

19098 Child & Elder Care - WE

19148 Cosmetology - WE

19198 Education - WE

19248 Apparel & Furnishings – WE

19298 Family & Consumer Sciences - WE

19998 Human Services - WE

20098 Operation - WE

20148 Mechanics & Repair - WE

20198 Distribution & Logistics - WE

20998 Transportation, Distribution & Logistics - WE

21048 Engineering - WE

21098 Technology - WE

21148 Drafting - WE

21998 Engineering & Technology - WE

24998 World Language and Literature – WE

## Other/Alternative Education

19257 Life Skills

19258 Personal & Career Readiness

19259 Family & Interpersonal Relationships

19260 Personal Development

22001 Standardized Test Preparation

22002 State Test Preparation

22003 Study Skills

22004 Dropout Prevention Program

22005 Tutorial

22006 Study Hall

22007 Advancement Via Individual Determination (AVID)

22054 Tutoring Practicum

22104 Community Service

22105 Values Clarification

22106 Seminar

22107 Peer Counseling

22113 IB Personal and Professional Skills

22114 Personal and Professional Skills

22151 Career Exploration

22152 Employability Skills

22153 Diversified Occupations

22251 Community Living

22252 Communication Instruction

22253 Social Development Instruction

22254 Developmental Support

## Other/Electives/Pre-Kindergarten

### Other Electives

5123 Recording and Production

5124 Technology/Electronic Music

5177 Animation

5190 Fashion Design

5191 Industrial Design

5192 Architectural Design

5193 Interior Design

5195 Fundamentals of Design

5250 Media Arts – Comprehensive

5251 Digital Imaging

5252 Interactive Design

5253 Interactive Game Design

5254 Web Design

5255 Moving Image

5256 Moving Image – Animation

5257 Digital Sound Design

5258 Virtual Design

5259 Media for Performance

5260 Multimedia Design

5261 Intermedia Design

5262 Media Arts Theory

5263 Media Literacy

5299 Media Arts – Other

7001 Religious Foundations

7002 Comparative Religion

7003 Eastern Religions

7004 Western Religions

7005 Scriptures

7006 Old Testament

7007 New Testament

7008 Bible History

7009 Christology

7010 Religious Figures

7011 Liturgy and Prayer

7012 Prayer and Spirituality

7013 Religious Ethics and Morality

7014 Justice, Peace, and Faith

7015 Faith and Lifestyle

7016 Ministry

7017 IB World Religions

7018 Particular Topics in Religion

7999 Religious Education & Theology—Other

8151 Drivers' Education-Classroom Only

8152 Drivers’ Education-Classroom and Laboratory

8199 Drivers' Education—Other

10001 Introduction to Computer Technology

10002 Computing Systems

10003 Computer and Information Technology

10004 Computer Applications

10005 Business Computer Applications

10006 Telecommunications

10007 IB Information Technology in a Global Society

10008 Particular Topics in Computer Literacy

10009 Internet Skills

10010 Computer Literacy

10011 Computer Science Principles

10012 Exploring Computer Science

10013 PLTW Introduction to Computer Science

10014 PLTW Computer Science Applications

10015 PLTW Computer Science and Software Engineering

10016 PLTW Cybersecurity

10019 AP Computer Science Principles

10020 Cybersecurity

10021 Computer Science Discoveries

10049 Computer Literacy—Other

10051 Information Management

10052 Database Management and Data Warehousing

10053 Database Applications

10054 Data Systems/Processing

10055 Particular Topics in Management Information Systems

10099 Management Information Systems—Other

10101 Network Technology

10102 Networking Systems

10103 Area Network Design and Protocols

10104 Router Basics

10105 Netware Routing

10106 Wide Area Telecommunications and Networking

10107 Wireless Networks

10108 Network Security

10109 Essentials of Network Operating Systems

10110 Microsoft Certified Professional (MCP)

10111 Particular Topics in Networking Systems

10112 Local Area Networking

10149 Networking Systems—Other

10151 Business Programming

10152 Computer Programming

10153 Visual Basic (VB) Programming

10154 C++ Programming

10155 Java Programming

10156 Computer Programming—Other Language

10157 AP Computer Science A

10159 IB Computer Science

10160 Particular Topics in Computer Programming

10199 Computer Programming—Other

10201 Web Page Design

10202 Computer Graphics

10203 Interactive Media

10204 Particular Topics in Media Technology

10205 Computer Gaming & Design

10206 Mobile Applications

10249 Media Technology—Other

10251 Computer Technology

10252 Computer Maintenance

10253 Information Support & Services

10254 IT Essentials: PC Hardware & Software

10255 CISCO-The Panduit Network Infrastructure Essentials (PNIE)

10256 Particular Topics in Information Support & Services

10299 Information Support & Services—Other

10301 Computer Forensics

10302 Cyber Crime

10999 Information Technology—Other

11001 Introduction to Communication

11002 Communication Technology

11003 Particular Topics in Communication

11004 Social Media

11049 Communication—Other

11051 Audio/Visual Production

11052 Commercial Photography

11053 Photographic Laboratory and Darkroom

11054 Photo Imaging

11055 Video

11056 Particular Topics in Audio/Video Technology and Film

11099 Audio/Video Technology & Film—Other

11101 Journalism

11102 Photojournalism

11103 Broadcasting Technology

11104 Publication Production

11105 Particular Topics in Journalism & Broadcasting

11106 Emerging Technologies in Journalism

11107 Radio Production

11149 Journalism & Broadcasting—Other

11151 Digital Media Technology

11152 Desktop Publishing

11153 Digital Media Design and Production

11154 Commercial Graphic Design

11155 Graphic Technology

11156 Photography and Printing Technology

11157 Photoengraving

11158 Print Press Operations

11159 Particular Topics in Printing Technology and Production

11199 Printing Technology—Other

11999 Communication & Audio/Video Technology—Other

12001 Business/Office Career Exploration

12002 Office Procedures—Comprehensive

12003 Office and Administrative Technologies

12004 Office Services

12005 Keyboarding

12006 Word Processing

12007 Recordkeeping

12008 Particular Topics in Administration

12009 Business Communications

12049 Administration—Other

12051 Introductory Business

12052 Business Management

12053 Entrepreneurship

12054 Business Law

12055 Business Principles and Management

12056 International Business and Marketing

12057 Human Resources & Labor Relations

12058 Human Resources Management

12059 IB Business & Management

12060 Business Ethics

12099 Management—Other

12101 Banking and Finance

12102 Banking

12103 Finance

12104 Accounting

12105 Business Economics

12106 Risk Management and Insurance

12107 Securities and Investments

12108 Cost Accounting

12109 Income Tax Accounting

12110 Payroll Accounting

12111 Particular Topics in Accounting

12149 Finance—Other

12151 Marketing Career Exploration

12152 Marketing—Comprehensive

12153 Marketing—Fashion

12154 Marketing—Real Estate

12155 Marketing—Transportation

12156 Marketing—Food/Beverage Industry

12157 Marketing—Insurance

12158 Marketing—Floristry

12159 Marketing—Hospitality/Tourism

12160 Marketing—Merchandising

12161 Retail Marketing

12162 Internet Marketing

12163 Sports and Entertainment Marketing

12164 Principles of Marketing

12165 Principles of Advertising

12166 Marketing Management

12167 Marketing—Other Specialization

12168 Marketing —Commodities

12169 Social Media Marketing

12199 Marketing—Other

12201 Cashier/Checker Operations

12202 Principles of Selling

12249 Sales—Other

12999 Business & Marketing—Other

13001 Exploration of Manufacturing Occupations

13002 Manufacturing—Comprehensive

13003 Industrial Arts

13004 Industrial Safety/First Aid

13052 Material & Processes

13053 Metal and Wood Processing/Production

13054 Wood Processing/Production

13055 Metal Processing/Production

13056 Plastics Processing/Production

13057 Ceramic Processing/Production

13058 Particular Topics in Processing and Production

13099 Processing /Production—Other

13101 Production Systems

13102 Electro-Mechanical Systems

13103 Product Development

13104 Mechatronics

13149 Production Systems—Other

13201 Metalwork Occupations

13202 Metalworking

13203 Machining

13204 Particular Topics in Machining

13205 Sheet Metal

13206 Particular Topics in Sheet Metal

13207 Welding

13208 Particular Topics in Welding

13209 Particular Topics in Metalwork

13249 Metalwork—Other

13301 Appliance Repair

13302 Equipment Maintenance & Repair

13303 Industrial Maintenance

13349 Repair—Other

13999 Manufacturing—Other

14001 Exploration of Health Care Occupations

14002 Health Care Occupations—Comprehensive

14003 Medical Law and Ethics

14051 Nursing

14052 Nursing —LPN

14053 Home Health Care

14054 Dental Science

14055 Emergency Medical Technology

14056 Surgical Technology

14057 Vision Care

14058 Optometrics

14059 Gerontology

14060 Physical Therapy

14061 Respiratory Therapy

14062 Sports Medicine

14063 Particular Topics in Therapeutic Services

14099 Therapeutic Services—Other

14101 Dental Laboratory Technology

14102 Medical Lab Technology

14103 EKG Technology

14104 Phlebotomy

14105 Particular Topics in Diagnostic Services

14149 Diagnostic Services—Other

14151 Medical/Clerical Assisting

14152 Pharmacy Assisting

14153 Medical Office Procedures

14154 Medical Terminology

14155 Particular Topics in Health Information

14156 Medical Coding and Transcription

14157 Health Informatics and Data Management

14199 Health Information—Other

14201 Central Service Technology

14202 Health Support Services

14203 Health Unit Coordination

14204 Particular Topics in Health Support Services

14249 Health Support Services—Other

14251 Health Science

14252 Biotechnology

14253 Pharmacology

14254 Particular Topics in Health Sciences

14255 Biomedical Innovation

14299 Health Sciences—Other

14999 Health Care Sciences—Other

15001 Exploration of Public Service Careers

15051 Criminal Justice

15052 Corrections

15053 Particular Topics in Law Enforcement

15054 Law Enforcement

15055 Forensic Science

15056 Crime Scene Management

15057 Criminal Law and Procedures

15058 Ethics in Criminal Justice

15099 Law Enforcement—Other

15101 Public Safety

15102 Security Services

15103 Particular Topics in Security

15104 Public Safety Telecommunications

15149 Security & Protection—Other

15151 Fire Science

15152 Fire Fighting

15153 Particular Topics in Fire Management

15199 Fire Management—Other

15201 Public Administration

15202 Community Protection

15203 Public Policy

15249 Government Service—Other

15999 Public, Protective, & Government Service—Other

16001 Exploration of Hospitality Careers

16051 Exploration of Restaurant, Food & Beverage Services

16052 Restaurant, Food and Beverage Services—Comprehensive

16053 Food service

16054 Nutrition and Food Preparation

16055 Restaurant Management and Operations

16056 Culinary Art Specialty

16057 Particular Topics in Restaurant, Food and Beverage Services

16099 Restaurant, Food & Beverage Services—Other

16101 Exploration of Lodging Careers

16102 Lodging—Comprehensive

16103 Institutional Maintenance

16104 Particular Topics in Lodging

16149 Lodging—Other

16151 Introduction to Travel & Tourism

16152 Travel and Tourism—Comprehensive

16153 World Travel and Tourism

16154 Eco-tourism

16155 Particular Topics in Travel and Tourism

16199 Travel & Tourism—Other

16201 Exploration of Recreation, Amusement and Attractions

16202 Recreation, Amusement & Attractions—Comprehensive

16203 Particular Topics in Recreation, Amusement and Attractions

16204 Recreation, Amusement, and Attractions Management

16249 Recreation, Amusement & Attractions—Other

16999 Hospitality & Tourism—Other

17001 Construction Careers Exploration

17002 Construction—Comprehensive

17003 Carpentry

17004 Framing Carpentry

17005 Particular Topics in Carpentry

17006 Woodworking

17007 Cabinetmaking

17008 Masonry

17009 Building Repair and Maintenance

17010 Home Maintenance

17011 Wall Finishings

17012 Upholstering

17013 Commercial Construction

17014 Concrete Foundations

17015 Construction Estimating

17016 Construction Management

17017 Particular Topics in Construction

17049 General Construction—Other

17051 Air Conditioning

17052 Refrigeration

17053 Heating

17054 Air Conditioning /Refrigeration

17055 Air Conditioning, Heating, and Refrigeration

17056 Heating, Ventilation, and Air Conditioning

17057 Particular Topics in HVACR

17158 Plumbing

17159 Plumbing & Heating

17099 Air Conditioning, Heating & Plumbing—Other

17101 Exploration of Electricity/Electronics

17102 Electricity—Comprehensive

17103 Residential Wiring

17104 Industrial Electricity

17105 Particular Topics in Electricity

17106 Electronics—Comprehensive

17107 Particular Topics in Electronics

17108 Electricity /Electronics—General

17109 Particular Topics in Electricity/Electronics

17110 Analog and Digital Circuits

17111 Analog Circuits

17112 Digital Circuits

17149 Electricity /Electronics—Other

17999 Architecture & Construction—Other

18001 Introduction to Agriculture & Natural Resources

18002 Agriculture—Comprehensive

18003 Agriculture & Natural Resources—Comprehensive

18004 Biological Applications in Agriculture

18005 Particular Topics in Environmental Service Systems

18051 Plant Systems/Science

18052 Horticultural Science

18053 Ornamental Horticulture

18054 Turf & Landscape Management

18055 Soil Science

18056 Particular Topics in Plant Systems

18099 Plant Systems—Other

18101 Animal Production/Science

18102 Small Animal Care

18103 Large Animal Care

18104 Equine Science

18105 Veterinary Science

18106 Particular Topics in Animal Systems

18107 Animal Nutrition

18108 Animal Genetics

18109 Integrated Pest Management

18149 Animal Systems—Other

18201 Agribusiness Management

18202 Agricultural Entrepreneurship

18203 Agricultural Leadership

18204 Particular Topics in Agribusiness

18205 Agriculture Computers and Technology

18249 Agribusiness—Other

18301 Agricultural Production

18302 Agricultural Processing

18303 Plant Processing

18304 Animal Processing

18305 Food Product Processing

18306 Aquaculture

18307 Agriculture and Society

18308 Agricultural Biotechnology

18309 Particular Topics in Agricultural Production/Processing

18310 Sustainable/Alternative Agriculture

18311 Viticulture

18349 Agricultural Production & Processing—Other

18401 Agriculture Mechanics/Equipment/Structures

18402 Agriculture Mechanics and Equipment

18403 Agriculture Structures

18404 Agricultural Metal Fabrication Technology

18405 Particular Topics in Agricultural Mechanics and Construction

18406 Water Treatment

18449 Agricultural Mechanics & Construction—Other

18501 Wildlife and Recreation Management

18502 Forestry Management

18504 Natural Resources Management

18505 Particular Topics in Natural Resources

18506 Alternative Energy

18549 Natural Resources—Other

18999 Agriculture, Food, & Natural Resources—Other

19001 Human Services Career Exploration

19051 Child Care

19052 Child Development

19053 Elder Care

19054 Child and Adult Care Services

19055 Particular Topics in Child & Elder Care

19099 Child & Elder Care—Other

19101 Cosmetology—Licensing

19102 Barbering

19103 Hair Styling

19104 Cosmetology—Non-licensing

19105 Cosmetology—Nail Specialization

19106 Cosmetology—Facial Specialization

19107 Particular Topics in Cosmetology

19149 Cosmetology—Other

19151 Teaching Profession

19152 Educational Methodology

19153 Teaching—Early Childhood Education

19154 Particular Topics in Education

19155 Instructional Technology

19199 Education—Other

19201 Clothing & Textiles

19202 Clothing/Textile Maintenance

19203 Apparel Construction

19204 Apparel and Textile Services

19205 Home Furnishing

19206 Home Furnishings Production

19207 Particular Topics in Apparel and Furnishings

19249 Apparel & Furnishings—Other

19251 Family & Consumer Sciences—Comprehensive

19252 Food Preparation and Health Management

19253 Nutrition and Wellness

19254 Food Science

19255 Child Development /Parenting

19256 Clothing/Sewing

19261 Human Growth and Development

19262 Consumer Economics/Personal Finance

19263 Home Environments and Design

19299 Family & Consumer Sciences—Other

19301 Counseling & Mental Health

19999 Human Services—Other

20001 Exploration of Transportation, Distribution & Logistics

20051 Truck & Bus Driving

20052 Heavy Equipment Operation

20053 Aviation

20054 Boat Operation

20055 Pilot Training

20099 Operation—Other

20101 Energy/Power

20102 Power & Mechanics

20103 Introduction to Automobiles

20104 Automotive Mechanics—Comprehensive

20105 Particular Topics in Automotive Mechanics

20106 Automotive Service

20107 Diesel Mechanics—Comprehensive

20108 Particular Topics in Diesel Mechanics

20109 Small Vehicle Mechanics

20110 Small Engine Mechanics

20111 Marine Mechanics

20112 Heavy Equipment Mechanics

20113 Aircraft Power Plant

20114 Aircraft Airframe

20115 Automotive Detailing and Reconditioning

20116 Automotive Body Repair and Refinishing—Comprehensive

20117 Particular Topics in Automotive Body Repair and Refinishing

20118 Boat Repair/Refinishing

20119 Hybrid Engines

20120 Motorsports Technology

20149 Mechanics & Repair—Other

20151 Distribution—Comprehensive

20152 Warehouse Operations

20199 Distribution & Logistics—Other

20999 Transportation, Distribution & Logistics—Other

21001 Pre-Engineering Technology

21002 Engineering Applications

21003 Engineering Technology

21004 Principles of Engineering

21005 Engineering—Comprehensive

21006 Engineering Design

21007 Engineering Design and Development

21008 Digital Electronics

21009 Robotics

21010 Computer Integrated Manufacturing

21011 Civil Engineering

21012 Civil Engineering and Architecture

21013 Aerospace Engineering

21014 Biotechnical Engineering

21015 Particular Topics in Engineering

21016 Engineering Analysis

21017 PLTW Introduction to Engineering Design

21018 PLTW Principles of Engineering

21019 PLTW Aerospace Engineering

21021 PLTW Civil Engineering and Architecture

21022 PLTW Computer Integrated Manufacturing

21023 PLTW Digital Electronics

21024 PLTW Environmental Sustainability

21025 PLTW Engineering Design and Development

21026 PLTW Engineering Essentials

21049 Engineering—Other

21051 Technological Literacy

21052 Technological Processes

21053 Emerging Technologies

21054 Technology Innovation & Assessment

21055 Aerospace Technology

21056 Particular Topics in Technology Applications

21057 Laser/Fiber Optics

21058 Geospatial Technology

21059 Modeling & Simulation Technology

20160 Wind Energy

20161 Wind Turbine Construction & Operation

20162 IB Design, Middle Years

21099 Technology—Other

21101 Drafting Careers Exploration

21102 Drafting—General

21103 Drafting—Architectural

21104 Drafting—Civil/Structural

21105 Drafting—Electrical/Electronic

21106 Drafting—Technical/Mechanical

21107 CAD Design and Software

21108 Blueprint Reading

21149 Drafting—Other

21999 Engineering & Technology—Other

22101 Leadership

22102 School Orientation

22103 School Governance

22108 IB Creativity, Activity, Service

22110 AP Seminar

22115 Academic Competition

22160 Data Literacy

22161 Data Science

22162 Data Science Applications

22250 Exploratory

22260 IB Personal Project, Middle Years

### Pre-Kindergarten

23001 Early Childhood Education

23002 Pre-kindergarten Self-contained