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DEPARTMENT OF
EDUCATION

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OREGON CLASS SIZE REPORTING

2022-23 POLICY AND
TECHNICAL MANUAL

Table of Contents

Introduction	4
Data Source	4
Calculation Process	5
Detail	5
Summary	6
Example	7
Key to Example	9
Appendix A: Included Courses by Subject Area	10
Self-Contained	10
Departmentalized	10
English Language Arts	10
Mathematics	11
Science	12
Social Studies	13
World Languages	15
Fine and Performing Art	19
Appendix B: Courses Not Included in Summary	21
Independent Study (IS)	21
Military	22
Physical Education	23
Workplace Experience (WE)	23
Other/Alternative Education	25
Other/Electives/Pre-Kindergarten	25
Other Electives	25
Pre-Kindergarten	34

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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](#)). From 2002-03 to 2011-12, Elementary Class Size was reported on [School and District Report Cards](#). 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](#) 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](#) 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](#)) was adopted by the [State Board of Education](#).

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](#) 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:

Robin Stalcup, Robin.Stalcup@ode.oregon.gov. You may also call at 971-208-0241.

DATA SOURCE

The primary data source for the Class Size Report is the [Class Roster](#) 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](#). 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](#) on the district website. For convenience, the NCES course codes adopted for 2022-23 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, 2023.

Validation of these data occurs through the [Achievement Data Insight application](#). See the [May 2023 ADI Training \(YouTube\)](#) on the [Achievement Data Insight](#) 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:
 - a. If the course codes are all in the same subject area, the subject area is that subject area.
 - b. If the course codes are all self-contained classes of different grade levels, the subject area is “Blended Classroom.”
 - c. 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).
 - a. Courses are included in reporting if:
 - i. 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**
 - ii. All of the Alternative Education flags (in IUID) associated with the course are ‘N’ **or** the course is offered by an alternative school.
 - b. 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

Records

IUID	Classroom ID	Class Period	Subject	Student	Teacher
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

**Class Size
Detail Records**

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
005	Per1	Algebra 1	13	1
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	97

KEY TO EXAMPLE

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

II 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.”

III 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.

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

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

V 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.

VI 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](#)

SELF-CONTAINED

23003	Kindergarten	23007	Grade 4	23011	Grade 8
23004	Grade 1	23008	Grade 5	23012	Blended Grade
23005	Grade 2	23009	Grade 6	23041	IB Primary Years Program
23006	Grade 3	23010	Grade 7		

DEPARTMENTALIZED

ENGLISH LANGUAGE ARTS

1001-1004	English/Language Arts I-IV (9 th -12 th grade)	1037	Language Arts—General	1061	Literature of a Genre
1005	AP English Language and Composition	1046-1048	Reading (6-8 grade)	1062	Literature of a Period
1006	AP English Literature and Composition	1049	Reading—General	1063	Literature of a Place
1007	IB Language A (English)	1051	English/Literature (9/10 grade)	1064	Literature of a People
1008	English as a Second Language	1052	English/Literature (11/12 grade)	1065	Literature of a Theme
1009	Language Arts Laboratory	1053	Literature	1066	Strategic Reading
1010	IB Language A (English), Middle Years	1054	American Literature	1067	Assisted Reading
1011	IB Language A: Language and Literature (English)	1055	American Literature/History	1068	Corrective Reading
1012	IB Literature and Performance	1056	British Literature	1069	Mythology
1034-1036	Language Arts (6-8 grade)	1057	British Literature/History	1099	Literature—Other
		1058	World Literature	1101	English/Composition (9/10grade)
		1059	Biblical Literature	1102	English/Composition (11/12 grade)
		1060	Literature of an Author	1103	Composition
				1104	Creative Writing

1105	Research/Technical Writing	1154	Forensic Speech—Individual Event	1203	English—Test Preparation
1136-1138	Writing (grade 6-8)	1155	Communications	1204	English Grammar
1139	Writing—General	1156	Applied English and Communications	1992	English Proficiency Development
1149	Composition—Other	1199	Speech—Other	1996	English Language & Literature—Supplemental
1151	Public Speaking	1201	English Morphology and Grammar	1999	English Language & Literature—Other
1152	Forensic Speech—Inclusive	1202	History of the English Language	22109	IB Extended Essay
1153	Forensic Speech—Debate			22112	AP Research

MATHEMATICS

2001	Informal Mathematics	2072	Geometry	2111	Linear Algebra
2002	General Mathematics	2073	Analytic Geometry	2112	Linear Programming
2003	Particular Topics in Foundation Mathematics	2074	Principles of Algebra and Geometry	2113	Abstract Algebra
2036-2038	Mathematics (6-8 grade)	2075	Particular Topics in Geometry	2121	Calculus
2039	Mathematics—General	2079	Geometry—Other	2122	Multivariate Calculus
2049	Foundation Math—Other	2101	Number Theory	2123	Differential Calculus
2051	Pre-Algebra	2102	Discrete Mathematics	2124-2125	AP Calculus AB-BC
2052	Algebra I	2103	Trigonometry	2126	Particular Topics in Calculus
2053-2054	Algebra I, part 1 and 2	2104	Math Analysis	2135	IB Mathematics, Middle Years
2055	Transition Algebra	2105	Trigonometry/Math Analysis	2136	Finite Mathematics
2056	Algebra II	2106	Trigonometry/Algebra	2137	Mathematical Modeling
2057	Algebra III	2107	Trigonometry/Analytic Geometry	2138	College Mathematics Preparation
2058	Particular Topics in Algebra	2108	Mathematic Analysis /Analytic Geometry	2139	IB Mathematics: Applications and Interpretation
2062-2065	Integrated Mathematics I-IV	2109	Elementary Functions	2140	IB Mathematics: Analysis and Approaches
2069	Algebra—Other	2110	Pre-Calculus		

2141	Particular Topics in Analytic Mathematics	2156	Computer Math with Algebra	2991	History of Mathematics
2149	Analytic Mathematics—Other	2157	Consumer Math	2993	Mathematics—Test Preparation
2151	General Applied Math	2201	Probability and Statistics	2994	Mathematics Proficiency Development
2158	Quantitative Reasoning	2202	Inferential Probability and Statistics	2996	Mathematics—Supplemental
2152	Occupationally Applied Math	2203	AP Statistics	2999	Mathematics—Other
2153	Technical Math	2204	Particular Topics in Probability and Statistics		
2154	Business Math	2205	Statistics		
2155	Business Math with Algebra	2209	Probability and Statistics—Other		

SCIENCE

3001	Earth Science	3053	Anatomy and Physiology	3068	PLTW Medical Interventions
3002	Geology	3054	Anatomy	3069	Nutrition Science
3003	Environmental Science	3055	Physiology	3070	PLTW Biomedical Innovation
3004	Astronomy	3056	AP Biology	3099	Biology—Other
3005	Marine Science	3057	IB Biology	3101	Chemistry
3006	Meteorology	3058	Botany	3102	Chemistry—Advanced Studies
3007	Physical Geography	3059	Genetics	3103	Organic Chemistry
3008	Earth and Space Science	3060	Microbiology	3104	Physical Chemistry
3009	Particular Topics in Earth Science	3061	Zoology	3105	Conceptual Chemistry
3010	Earth/Space Science (prior to secondary)	3062	Conceptual Biology	3106	AP Chemistry
3011	Physical Science (prior to secondary)	3063	Particular Topics in Biology	3107	IB Chemistry
3012	Energy and Environment	3064	Regional Biology	3108	Particular Topics in Chemistry
3049	Earth Science—Other	3065	IB Sports, Exercise, & Health Science	3149	Chemistry—Other
3051	Biology	3066	PLTW Principles of Biomedical Science	3151	Physics
3052	Biology—Advanced Studies	3067	PLTW Human Body Systems	3152	Physics—Advanced Studies

3153	Principles of Technology	3199	Physics—Other	3211	Technical Science
3156	AP Physics C	3201	Integrated Science	3212	Scientific Research and Design
3157	IB Physics	3202	Unified Science	3213	IB Sciences, Middle Years
3158	Life Science	3203	Applied Biology/Chemistry	3214	Forensic Laboratory Science
3159	Physical Science	3204	Technological Inquiry	3236-3238	Science (6-8 grade)
3161	Conceptual Physics	3205	Origins of Science	3239	Science—General
3162	Particular Topics in Physics	3206	IB Design Technology	3994	Life and Physical Sciences—Proficiency Development
3163	AP Physics C: Electricity and Magnetism	3207	AP Environmental Science	3996	Life and Physical Sciences—Supplemental
3164	AP Physics C: Mechanics	3208	IB Environmental Systems and Societies	3999	Life and Physical Sciences—Other
3165	AP Physics 1	3209	Aerospace		
3166	AP Physics 2	3210	Science, Technology and Society		

SOCIAL STUDIES

4001	World Geography	4060	Ancient and Medieval History	4105	State-Specific Studies
4002	Particular Topics in Geography	4061	World Area Studies	4106	Contemporary U.S. Issues
4003	IB Geography	4062	World People Studies	4107	U.S. Ethnic Studies
4004	AP Human Geography	4063	Western Civilization	4108	U.S. Gender Studies
4005	U.S. Geography	4064	Contemporary World Issues	4109	Particular Topics in U.S. History
4049	Geography—Other	4065	Particular Topics in World History	4110	U.S. Wars and Military Conflicts
4051	World History—Overview	4067	AP World History: Modern	4149	U.S. History—Other
4052	World History and Geography	4099	World History—Other	4151	U. S. Government-Comprehensive
4053	Modern World History	4101	U.S. History—Comprehensive	4152	Particular Topics in U.S. Government
4054	IB History	4102	Early U.S. History	4153	Political Science
4055	Modern European History	4103	Modern U.S. History	4154	Comparative Government
4056	AP European History	4104	AP U.S. History	4155	International Relations
4058	Ancient Civilizations				
4059	Medieval European History				

4156	United States and World Affairs	4251	Anthropology	4994	Social Sciences and History—Proficiency Development
4157	AP U. S. Government and Politics	4252	Particular Topics in Anthropology	4996	Social Sciences and History—Supplemental
4158	AP Comparative Government and Politics	4253	IB Social and Cultural Anthropology	4999	Social Sciences and History—Other
4159	AP Government	4254	Psychology		
4160	U.S. Government, Civics, and Economics	4255	Particular Topics in Psychology		
4161	Civics	4256	AP Psychology		
4162	Law Studies	4257	IB Psychology		
4163	Consumer Law	4258	Sociology		
4164	Business Law	4259	Particular Topics in Sociology		
4165	Legal System	4260	Social Science		
4166	Particular Topics in Law	4261	Social Science Research		
4167	Simulated Political Process	4299	Social Sciences—Other		
4169	IB Global Politics	4301	Humanities Survey		
4171	IB Individuals and Societies, Middle Years	4302	Humanities		
4199	Government, Politics and Law—Other	4303	Issues of Western Humanities		
4201	Economics	4304	IB Theory of Knowledge		
4202	Comparative Economics	4305	Social Studies		
4203	AP Microeconomics	4306	Philosophy		
4204	AP Macroeconomics	4307	Particular Topics in Philosophy		
4205	AP Economics	4308	Modern Intellectual History		
4206	IB Economics	4309	IB Philosophy		
4207	Particular Topics in Economics	4310	Particular Topics in Humanities		
4208	Microeconomics	4349	Humanities—Other		
4209	Macroeconomics	4436-4438	Social Studies (6-8 grade)		
4249	Economics—Other	4439	Social Studies—General		

WORLD LANGUAGES

24039	World Language— General	24068	IB Language Ab Initio— Spanish	24158	Italian Field Experience
24040	Exploration of Multiple World Languages	24099	Spanish—Other	24159	Italian Conversation & Culture
24041	Braille	24100	French for Young Learners (prior to secondary)	24160	Italian Literature
24042	IB Language B-English	24102-24106	French I-V	24161	Particular Topics in Italian
24043	IB Language Ab Initio- English	24107	French for Native Speakers	24162	IB Language A: Literature—Italian
24050	Spanish for Young Learners (prior to secondary)	24108	French Field Experience	24163	IB Language B—Italian
24052-24056	Spanish I-V	24109	French Conversation & Culture	24164	AP Italian and Culture
24057	Spanish for Native Speakers	24110	French Literature	24166	IB Language B (Italian), Middle Years
24058	Spanish Field Experience	24111	Particular Topics in French	24167	IB Language A: Language and Literature—Italian
24059	Spanish Conversation & Culture	24112	IB Language A: Literature—French	24168	IB Language Ab Initio— Italian
24060	Spanish Literature	24113	IB Language B—French	24199	Italian—Other
24061	Particular Topics in Spanish	24114	AP French Language and Culture	24200	Portuguese for Young Learners (prior to secondary)
24062	IB Language A: Literature—Spanish	24116	IB Language B (French), Middle Years	24202-24206	Portuguese I-V
24063	IB Language B— Spanish	24117	IB Language A: Language and Literature—French	24207	Portuguese for Native Speakers
24064	AP Spanish Language and Culture	24118	IB Language Ab Initio— French	24208	Portuguese Field Experience
24065	AP Spanish Literature and Culture	24149	French—Other	24209	Portuguese Conversation & Culture
24066	IB Language B (Spanish), Middle Years	24150	Italian for Young Learners (prior to secondary)	24210	Portuguese Literature
24067	IB Language A: Language and Literature—Spanish	24152-24156	Italian I-V	24211	Particular Topics in Portuguese
		24157	Italian for Native Speakers	24212	IB Language A: Literature—Portuguese

24213	IB Language B— Portuguese	24270	IB Language A: Literature—Dutch	24317	IB Language A: Language and Literature—Greek
24216	IB Language B (Portuguese), Middle Years	24271	IB Language A: Literature—Swedish	24339	Greek—Other
24217	IB Language A: Language and Literature—Portuguese	24272	IB Language B—Danish	24340	Latin for Young Learners (prior to secondary)
24249	Portuguese—Other	24273	IB Language B—Dutch	24342-24346	Latin I-V
24250	German for Young Learners (prior to secondary)	24274	IB Language B— Swedish	24351	Particular Topics in Latin
24252-24256	German I-V	24275	IB Language A: Language and Literature—Dutch	24352	IB Classical Languages—Latin
24257	German for Native Speakers	24276	IB Language A: Language and Literature—Swedish	24355	AP Latin (Virgil, Catullus, and Horace)
24258	German Field Experience	24277	IB Language Ab Initio— Danish	24369	Latin—Other
24259	German Conversation & Culture	24278	IB Language Ab Initio— Dutch	24370	Classical Greek for Young Learners (prior to secondary)
24260	German Literature	24279	IB Language Ab Initio— Swedish	24372-24376	Classical Greek I-V
24261	Particular Topics in German	24299	German—Other	24381	Particular Topics in Classical Greek
24262	IB Language A: Literature—German	24300	Greek for Young Learners (prior to secondary)	24382	IB Classical Languages—Greek
24263	IB Language B— German	24302-306	Greek I-V	24389	Classical Greek—Other
24264	AP German Language and Culture	24307	Greek for Native Speakers	24390	Classical Hebrew for Young Learners (prior to secondary)
24266	IB Language B (German), Middle Years	24308	Greek Field Experience	24391-24395	Classical Hebrew I-V
24267	IB Language A: Language and Literature—German	24309	Greek Conversation & Culture	24396	Particular Topics in Classical Hebrew
24268	IB Language Ab Initio— German	24310	Greek Literature	24399	Classical Hebrew— Other
24269	IB Language A: Literature—Danish	24311	Particular Topics in Greek	24400	Chinese for Young Learners (prior to secondary)
		24312	IB Language A: Literature—Greek	24402-24406	Chinese I-V
		24316	IB Language B (Greek), Middle Years		

24407	Chinese for Native Speakers	24462	IB Language A: Literature—Japanese	24550	Vietnamese for Young Learners (prior to secondary)
24408	Chinese Field Experience	24463	IB Language B—Japanese	24552-24556	Vietnamese I-V
24409	Chinese Conversation & Culture	24464	AP Japanese Language & Culture	24557	Vietnamese for Native Speakers
24410	Chinese Literature	24466	IB Language (Japanese), Middle Years	24558	Vietnamese Field Experience
24411	Particular Topics in Chinese	24467	IB Language A: Language and Literature—Japanese	24559	Vietnamese Conversation & Culture
24412	IB Language A: Literature—Chinese	24468	IB Language Ab Initio—Japanese	24560	Vietnamese Literature
24413	IB Language B—Chinese	24499	Japanese—Other	24561	Particular Topics in Vietnamese
24414	AP Chinese Language and Culture	24500	Korean for Young Learners (prior to secondary)	24562	IB Language A: Literature—Vietnamese
24416	IB Language B (Chinese), Middle Years	24502-24506	Korean I-V	24566	IB Language (Vietnamese), Middle Years
24417	IB Language A: Language and Literature—Chinese	24507	Korean for Native Speakers	24599	Vietnamese—Other
24418	IB Language Ab Initio—Chinese	24508	Korean Field Experience	24600	Filipino (prior to secondary)
24449	Chinese—Other	24509	Korean Conversation & Culture	24602-24606	Filipino I-V
24450	Japanese for Young Speakers (prior to secondary)	24510	Korean Literature	24607	Filipino for Native Speakers
24452-24456	Japanese I-V	24511	Particular Topics in Korean	24608	Filipino Field Experience
24457	Japanese for Native Speakers	24512	IB Language A: Literature—Korean	24609	Filipino Conversation & Culture
24458	Japanese Field Experience	24513	IB Language B—Korean	24610	Filipino Literature
24459	Japanese Conversation & Culture	24516	IB Language B (Korean), Middle Years	24611	Particular Topics in Filipino
24460	Japanese Literature	24517	IB Language A: Language and Literature—Korean	24612	IB Language A: Literature—Filipino
24461	Particular Topics in Japanese	24549	Korean—Other	24616	IB Language (Filipino), Middle Years
				24649	Filipino—Other

24650	Russian (prior to secondary)	24712	IB Language A: Literature—Hebrew	24809	Swahili Conversation & Culture
24652-24656	Russian I-V	24713	IB Language B—Hebrew	24810	Swahili Literature
24657	Russian for Native Speakers	24716	IB Language (Hebrew), Middle Years	24811	Particular Topics in Swahili
24658	Russian Field Experience	24749	Hebrew—Other	24812	IB Language A: Literature—Swahili
24659	Russian Conversation & Culture	24750	Arabic (prior to secondary)	24816	IB Language (Swahili), Middle Years
24660	Russian Literature	24752-24756	Arabic I-V	24818	IB Language Ab Initio—Swahili
24661	Particular Topics in Russian	24757	Arabic for Native Speakers	24849	Swahili—Other
24662	IB Language A: Literature—Russian	24758	Arabic Field Experience	24850	American Sign Language (prior to secondary)
24663	IB Language B—Russian	24759	Arabic Conversation & Culture	24852-24856	American Sign Language I-V
24666	IB Language B (Russian), Middle Years	24760	Arabic Literature	24858	American Sign Language Field Experience
24667	IB Language A: Language and Literature—Russian	24761	Particular Topics in Arabic	24861	Particular Topics in American Sign Language
24668	IB Language Ab Initio—Russian	24762	IB Language A: Literature—Arabic	24866	IB Language B (American Sign Language), Middle Years
24699	Russian—Other	24763	IB Language B—Arabic	24899	American Sign Language—Other
24700	Hebrew (prior to secondary)	24766	IB Language B (Arabic), Middle Years	24900	American Indian Language (prior to secondary)
24702-24706	Hebrew I-V	24767	IB Language A: Language and Literature—Arabic	24902-24906	American Indian Language I-V
24707	Hebrew for Native Speakers	24768	IB Language Ab Initio—Arabic	24907	American Indian Language for Native Speakers
24708	Hebrew Field Experience	24799	Arabic—Other	24808	Swahili Field Experience
24709	Hebrew Conversation & Culture	24800	Swahili (prior to secondary)		
24710	Hebrew Literature	24802-24806	Swahili I-V		
24711	Particular Topics in Hebrew	24807	Swahili for Native Speakers		

24908	American Indian Language Field Experience	24952-24956	World Language (Other Language) I-V	24963	IB Language B—World Language (Other Language)
24909	American Indian Language Conversation & Culture	24957	World Language (Other Language) for Native Speakers	24966	IB Language B (Other World Language), Middle Years
24910	American Indian Literature	24958	World Language (Other Language) Field Experience	24967	IB Language A: Language and Literature—(Other World Language)
24911	Particular Topics in American Indian Language	24959	World Language (Other Language) Conversation & Culture	24968	IB Language Ab Initio—(Other World Language)
24916	IB Language B (American Indian Language), Middle Years	24960	World Language (Other Language) Literature	24989	World Language (Other Language)—Other
24949	American Indian Language—Other	24961	Particular Topics in World Language (Other Language)	24999	World Language and Literature—Other
24950	World Language (Other Language) for Young Learners (prior to secondary)	24962	IB Language A: Literature—World Language (Other Language)		

FINE AND PERFORMING ART

5001	Dance Technique	5011	Dance Composition /Composition Seminar	5051	Introduction to Theater
5002	Dance Repertory	5012	IB Dance	5052	Theater Arts
5003	General Dance	5013	Dance for Musical Theater	5053	Theater—Comprehensive
5004	Dance History and Appreciation	5014	Ballet	5055	Theater—Acting/Performance
5005	Choreography	5015	Jazz Dance	5056	Theater—Stagecraft
5006	Dance Survey	5016	Modern Dance	5057	Theater—Directing
5007	Dance Improvisation	5017	Hip Hop	5058	Playwriting and Screenwriting
5008	World/Cultural Dance	5018	Tap Dance	5059	History and Literature of the Theater
5009	Technical Theater for Dance	5036-5038	Dance (6-8 grade)	5060	Musical Theater
5010	Social Dance	5039	Dance—General		
		5049	Dance—Other		

5061	Theatrical Production and Management	5118	Music Appreciation	5164	Fibers and Textile Design
5062	IB Theatre	5119	Composition /Songwriting	5165	Crafts
5076-5078	Drama (6-8 grade)	5120	Strings	5166	Jewelry
5079	Drama—General	5121	Contemporary Vocal Ensemble	5167	Photography
5099	Theater—Other	5122	Culturally Influenced Ensemble	5168	Cinematography/Video Production
5101	General Band	5136-5138	Music (6-8 grade)	5169	Multimedia Art
5102	Concert Band	5139	Music—General	5170	Art Portfolio
5103	Marching Band	5149	Music—Other	5172	AP Studio Art—Drawing
5104	Orchestra	5151	Art Appreciation	5173	IB Visual Art
5105	Contemporary Instrumental Ensemble	5152	Art History	5174	AP Studio Art—Two-Dimensional
5106	Small Ensemble	5153	AP Art— Art History	5175	AP Studio Art—Three-Dimensional
5107	Piano	5154	Visual Art—Comprehensive	5176	Calligraphy/Lettering
5108	Guitar	5155	Visual Arts—Drawing/Painting	5186-5188	Art (6-8 grade)
5109	Individual Technique-Instrumental Music	5156	Visual Arts—Drawing	5189	Art—General
5110	Chorus	5157	Visual Arts—Painting	5194	IB Film
5111	Vocal Ensembles	5158	Visual Arts—Sculpture	5199	Visual Arts—Other
5112	Individual Technique—Vocal Music	5159	Ceramics/Pottery	5201	Interdisciplinary Arts
5113	Music Theory	5160	Printmaking/Graphics	5202	IB Arts, Middle Years Program
5114	AP Music Theory	5161	Printmaking	5203	Film Appreciation & Analysis
5115	IB Music	5162	Visual Communications Design	5999	Visual and Performing Art—Other
5116	Music History/Appreciation	5163	Advertising Design		
5117	Music History				

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	5047	Dance - IS	10297	Information Support & Services - IS
1147	Composition - IS	5097	Theater - IS	10997	Information Technology- IS
1197	Speech - IS	5147	Music - IS	11047	Communication - IS
1997	English Language & Literature - IS	5197	Visual Art – IS	11097	Audio/Video Tech. & Film - IS
2047	Foundation Math - IS	5297	Media Arts - IS	11147	Journalism & Broadcasting - IS
2207	Probability & Statistics - IS	5997	Visual & Performing Art - IS	11197	Printing Technology - IS
2997	Mathematics - IS	7997	Religious Education & Theology - IS	11997	Communication & Audio/Video Technology - IS
3047	Earth Science - IS	8047	Physical Education - IS	12047	Administration - IS
3097	Biology - IS	8097	Health Education – IS	12097	Management - IS
3147	Chemistry - IS	8147	Physical & Health Ed. - IS	12147	Finance - IS
3197	Physics - IS	8197	Drivers' Education. - IS	12197	Marketing - IS
3997	Life & Physical Sci. - IS	8997	Physical, Health, & Safety Ed. - IS	12247	Sales - IS
4047	Geography - IS	9997	Military Science - IS	12997	Business & Marketing - IS
4097	World History - IS	10047	Computer Literacy - IS	13097	Processing/Production - IS
4147	U.S. History - IS	10097	Management Information Systems - IS	13147	Production Systems - IS
4197	Gov., Politics & Law - IS	10147	Networking Systems - IS	13247	Metalwork - IS
4247	Economics - IS	10197	Computer Programming - IS	13347	Repair - IS
4297	Social Sciences - IS	10247	Media Technology - IS	13997	Manufacturing - IS
4347	Humanities - IS				
4997	Social Sciences & History - IS				

14097	Therapeutic Services - IS	16247	Recreation, Amusement & Attractions - IS	19097	Child & Elder Care - IS
14147	Diagnostic Services - IS	16997	Hospitality & Tourism - IS	19147	Cosmetology - IS
14197	Health Information - IS	17047	General Construction - IS	19197	Education - IS
14247	Health Support Services - IS	17097	Air Conditioning, Heating & Plumbing - IS	19247	Apparel & Furnishings – IS
14297	Health Sciences - IS	17147	Electricity/Electronics - IS	19297	Family & Consumer Sciences - IS
14997	Health Care Sciences - IS	17997	Architecture & Construction - IS	19997	Human Services - IS
15097	Law Enforcement - IS	18097	Plant Systems - IS	20097	Operation - IS
15147	Security & Protection - IS	18147	Animal Systems - IS	20147	Mechanics & Repair - IS
15197	Fire Management - IS	18247	Agribusiness - IS	20197	Distribution & Logistics - IS
15247	Government Service - IS	18347	Agricultural Production & Processing - IS	20997	Transportation, Distribution & Logistics - IS
15997	Public, Protective, & Gov. Service - IS	18447	Agricultural Mechanics & Construction - IS	21047	Engineering - IS
16097	Restaurant, Food & Beverage Services - IS	18547	Natural Resources - IS	21097	Technology - IS
16147	Lodging - IS	18997	Agriculture, Food, & Natural Resources - IS	21147	Drafting - IS
16197	Travel & Tourism - IS			21997	Engineering & Tech. - IS
				24997	World Language and Literature – IS

MILITARY

9001	Introduction to Jr. ROTC	9004	Military Leadership	9201-9204	Marine Corps Junior ROTC I-IV
9002	Military Jr. ROTC- unspecified branch	9051-9054	Army Junior ROTC I-IV	9999	Military Science — Other
9003	ROTC Drill	9101-9104	Naval Junior ROTC I-IV		
		9151-9154	Air Force Junior ROTC I-IV		

PHYSICAL EDUCATION

8001	Physical Education	8018	Coaching	8076-8078	Health Education (6-8 grade)
8002	Team Sports	8019	Officiating	8079	Health Education—General
8003	Individual/Dual Sports	8036-8038	Physical Education (6-8 grade)	8099	Health Education—Other
8004	Recreation Sports	8039	Physical Education—General	8101	Physical and Health Education
8005	Fitness/Conditioning Activities	8040	IB Physical Education, Middle Years	8110-8112	Physical and Health Education (6-8 grade)
8006	Corps Movement	8049	Physical Education—Other	8113	Physical and Health Education—General
8008	Gymnastics	8051	Health Education	8149	Physical and Health Education—Other
8009	Weight Training	8052	Health & Fitness	8201	Physical Ed/Health/Drivers' Education
8010	Aquatics/Water Sports	8053	Community Health	8999	Physical, Health, & Safety Education—Other
8011	Tennis	8055	Safety & First Aid		
8012	Self-defense	8056	Health for Parenting Teens		
8013	Specific Sports Activities	8057	Health & Life Management		
8014	Physical Ed. Equivalent	8058	Substance Abuse Prevention		
8015	Off-Campus Sports				
8016	Lifetime Fitness Education				
8017	Sports Physiology				

WORKPLACE EXPERIENCE (WE)

1098	Literature - WE	1998	English Language & Literature - WE	3048	Earth Science - WE
1148	Composition - WE	2998	Mathematics - WE	3098	Biology - WE
1198	Speech - WE			3148	Chemistry - WE

3198	Physics - WE	10098	Management Information Systems - WE	13998	Manufacturing - WE
3998	Life & Physical Sciences - WE	10148	Networking Systems - WE	14098	Therapeutic Services - WE
4048	Geography - WE	10198	Computer Programming - WE	14148	Diagnostic Services - WE
4098	World History - WE	10248	Media Technology - WE	14198	Health Information - WE
4148	U.S. History - WE	10298	Information Support & Services - WE	14248	Health Support Services - WE
4198	Gov., Politics & Law - WE	10998	Information Technology - WE	14298	Health Sciences - WE
4248	Economics - WE	11048	Communication - WE	14998	Health Care Sciences - WE
4298	Social Sciences - WE	11098	Audio/Video Technology & Film - WE	15098	Law Enforcement - WE
4348	Humanities - WE	11148	Journalism & Broadcasting - WE	15148	Security & Protection - WE
4998	Social Sciences & History - WE	11198	Printing Technology - WE	15198	Fire Management - WE
5048	Dance - WE	11998	Communication & Audio/Video Technology - WE	15248	Government Service - WE
5098	Theater - WE	12048	Administration - WE	15998	Public, Protective, & Government Service - WE
5148	Music - WE	12098	Management - WE	16098	Restaurant, Food & Beverage Services - WE
5198	Visual Arts – WE	12148	Finance - WE	16148	Lodging - WE
5298	Media Arts - WE	12198	Marketing - WE	16198	Travel & Tourism - WE
5998	Visual & Performing Art - WE	12248	Sales - WE	16248	Recreation, Amusement & Attractions - WE
7998	Religious Education & Theology - WE	12998	Business & Marketing - WE	16998	Hospitality & Tourism - WE
8048	Physical Education - WE	13098	Processing/Production - WE	17048	General Construction - WE
8098	Health Education – WE	13148	Production Systems - WE	17098	Air Conditioning, Heating & Plumbing - WE
8148	Physical and Health Education - WE	13248	Metalwork - WE	17148	Electricity/Electronics - WE
8198	Drivers' Education - WE	13348	Repair - WE		
8998	Physical, Health, & Safety Education - WE				
9998	Military Science - WE				
10048	Computer Literacy - WE				

17998	Architecture & Construction - WE	19098	Child & Elder Care - WE	20198	Distribution & Logistics - WE
18098	Plant Systems - WE	19148	Cosmetology - WE	20998	Transportation, Distribution & Logistics - WE
18148	Animal Systems - WE	19198	Education - WE	21048	Engineering - WE
18248	Agribusiness - WE	19248	Apparel & Furnishings – WE	21098	Technology - WE
18348	Agricultural Production & Processing - WE	19298	Family & Consumer Sciences - WE	21148	Drafting - WE
18448	Agricultural Mechanics & Construction - WE	19998	Human Services - WE	21998	Engineering & Technology - WE
18548	Natural Resources - WE	20098	Operation - WE	24998	World Language and Literature – WE
18998	Agriculture, Food, & Natural Resources - WE	20148	Mechanics & Repair - WE		

OTHER/ALTERNATIVE EDUCATION

19257	Life Skills	22005	Tutorial	22151	Career Exploration
19258	Personal & Career Readiness	22006	Study Hall	22152	Employability Skills
19259	Family & Interpersonal Relationships	22007	Advancement Via Individual Determination (AVID)	22153	Diversified Occupations
19260	Personal Development	22054	Tutoring Practicum	22251	Community Living
22001	Standardized Test Preparation	22104	Community Service	22252	Communication Instruction
22002	State Test Preparation	22105	Values Clarification	22253	Social Development Instruction
22003	Study Skills	22106	Seminar	22254	Developmental Support
22004	Dropout Prevention Program	22107	Peer Counseling		
		22113	IB Personal and Professional Skills		

OTHER/ELECTIVES/PRE-KINDERGARTEN

OTHER ELECTIVES

5123	Recording and Production	5124	Technology/Electronic Music	5190	Fashion Design
		5177	Animation	5191	Industrial Design

5192	Architectural Design	7010	Religious Figures	10009	Internet Skills
5193	Interior Design	7011	Liturgy and Prayer	10010	Computer Literacy
5195	Fundamentals of Design	7012	Prayer and Spirituality	10011	Computer Science Principles
5250	Media Arts – Comprehensive	7013	Religious Ethics and Morality	10012	Exploring Computer Science
5251	Digital Imaging	7014	Justice, Peace, and Faith	10013	PLTW Introduction to Computer Science
5252	Interactive Design	7015	Faith and Lifestyle	10014	PLTW Computer Science Applications
5253	Interactive Game Design	7016	Ministry	10015	PLTW Computer Science and Software Engineering
5254	Web Design	7017	IB World Religions	10016	PLTW Cybersecurity
5255	Moving Image	7018	Particular Topics in Religion	10019	AP Computer Science Principles
5256	Moving Image – Animation	7999	Religious Education & Theology—Other	10020	Cybersecurity
5257	Digital Sound Design	8151	Drivers' Education-Classroom Only	10021	Computer Science Discoveries
5258	Virtual Design	8152	Drivers' Education-Classroom and Laboratory	10049	Computer Literacy—Other
5259	Media for Performance	8199	Drivers' Education—Other	10051	Information Management
5260	Multimedia Design	10001	Introduction to Computer Technology	10052	Database Management and Data Warehousing
5261	Intermedia Design	10002	Computing Systems	10053	Database Applications
5262	Media Arts theory	10003	Computer and Information Technology	10054	Data Systems/Processing
5263	Media Literacy	10004	Computer Applications	10055	Particular Topics in Management Information Systems
5299	Media Arts – Other	10005	Business Computer Applications	10099	Management Information Systems—Other
7001	Religious Foundations	10006	Telecommunications	10101	Network Technology
7002	Comparative Religion	10007	IB Information Technology in a Global Society	10102	Networking Systems
7003	Eastern Religions	10008	Particular Topics in Computer Literacy		
7004	Western Religions				
7005	Scriptures				
7006	Old Testament				
7007	New Testament				
7008	Bible History				
7009	Christology				

10103	Area Network Design and Protocols	10201	Web Page Design	11049	Communication—Other
10104	Router Basics	10202	Computer Graphics	11051	Audio/Visual Production
10105	Network Routing	10203	Interactive Media	11052	Commercial Photography
10106	Wide Area Telecommunications and Networking	10204	Particular Topics in Media Technology	11053	Photographic Laboratory and Darkroom
10107	Wireless Networks	10205	Computer Gaming & Design	11054	Photo Imaging
10108	Network Security	10206	Mobile Applications	11055	Video
10109	Essentials of Network Operating Systems	10249	Media Technology—Other	11056	Particular Topics in Audio/Video Technology and Film
10110	Microsoft Certified Professional (MCP)	10251	Computer Technology	11099	Audio/Video Technology & Film—Other
10111	Particular Topics in Networking Systems	10252	Computer Maintenance	11101	Journalism
10112	Local Area Networking	10253	Information Support & Services	11102	Photojournalism
10149	Networking Systems—Other	10254	IT Essentials: PC Hardware & Software	11103	Broadcasting Technology
10151	Business Programming	10255	CISCO-The Panduit Network Infrastructure Essentials (PNIE)	11104	Publication Production
10152	Computer Programming	10256	Particular Topics in Information Support & Services	11105	Particular Topics in Journalism & Broadcasting
10153	Visual Basic (VB) Programming	10299	Information Support & Services—Other	11106	Emerging Technologies in Journalism
10154	C++ Programming	10301	Computer Forensics	11107	Radio Production
10155	Java Programming	10302	Cyber Crime	11149	Journalism & Broadcasting—Other
10156	Computer Programming—Other Language	10999	Information Technology—Other	11151	Digital Media Technology
10157	AP Computer Science A	11001	Introduction to Communication	11152	Desktop Publishing
10159	IB Computer Science	11002	Communication Technology	11153	Digital Media Design and Production
10160	Particular Topics in Computer Programming	11003	Particular Topics in Communication	11154	Commercial Graphic Design
10199	Computer Programming—Other	11004	Social Media		

11155	Graphic Technology	12056	International Business and Marketing	12156	Marketing—Food/Beverage Industry
11156	Photography and Printing Technology	12057	Human Resources & Labor Relations	12157	Marketing—Insurance
11157	Photoengraving	12058	Human Resources Management	12158	Marketing—Floristry
11158	Print Press Operations	12059	IB Business & Management	12159	Marketing—Hospitality/Tourism
11159	Particular Topics in Printing Technology and Production	12060	Business Ethics	12160	Marketing—Merchandising
11199	Printing Technology—Other	12099	Management—Other	12161	Retail Marketing
11999	Communication & Audio/Video Technology—Other	12101	Banking and Finance	12162	Internet Marketing
12001	Business/Office Career Exploration	12102	Banking	12163	Sports and Entertainment Marketing
12002	Office Procedures—Comprehensive	12103	Finance	12164	Principles of Marketing
12003	Office and Administrative Technologies	12104	Accounting	12165	Principles of Advertising
12004	Office Services	12105	Business Economics	12166	Marketing Management
12005	Keyboarding	12106	Risk Management and Insurance	12167	Marketing—Other Specialization
12006	Word Processing	12107	Securities and Investments	12168	Marketing — Commodities
12007	Recordkeeping	12108	Cost Accounting	12169	Social Media Marketing
12008	Particular Topics in Administration	12109	Income Tax Accounting	12199	Marketing—Other
12009	Business Communications	12110	Payroll Accounting	12201	Cashier/Checker Operations
12049	Administration—Other	12111	Particular Topics in Accounting	12202	Principles of Selling
12051	Introductory Business	12149	Finance—Other	12249	Sales—Other
12052	Business Management	12151	Marketing Career Exploration	12999	Business & Marketing—Other
12053	Entrepreneurship	12152	Marketing—Comprehensive	13001	Exploration of Manufacturing Occupations
12054	Business Law	12153	Marketing—Fashion	13002	Manufacturing—Comprehensive
12055	Business Principles and Management	12154	Marketing—Real Estate		
		12155	Marketing—Transportation		

13003	Industrial Arts	13207	Welding	14099	Therapeutic Services— Other
13004	Industrial Safety/First Aid	13208	Particular Topics in Welding	14101	Dental Laboratory Technology
13052	Material & Processes	13209	Particular Topics in Metalwork	14102	Medical Lab Technology
13053	Metal and Wood Processing/Production	13249	Metalwork—Other	14103	EKG Technology
13054	Wood Processing/Production	13301	Appliance Repair	14104	Phlebotomy
13055	Metal Processing/Production	13302	Equipment Maintenance & Repair	14105	Particular Topics in Diagnostic Services
13056	Plastics Processing/Production	13303	Industrial Maintenance	14149	Diagnostic Services— Other
13057	Ceramic Processing/Production	13349	Repair—Other	14151	Medical/Clerical Assisting
13058	Particular Topics in Processing and Production	13999	Manufacturing—Other	14152	Pharmacy Assisting
13099	Processing /Production—Other	14001	Exploration of Health Care Occupations	14153	Medical Office Procedures
13101	Production Systems	14002	Health Care Occupations— Comprehensive	14154	Medical Terminology
13102	Electro-Mechanical Systems	14003	Medical Law and Ethics	14155	Particular Topics in Health Information
13103	Product Development	14051	Nursing	14156	Medical Coding and Transcription
13104	Mechatronics	14052	Nursing —LPN	14157	Health Informatics and Data Management
13149	Production Systems— Other	14053	Home Health Care	14199	Health Information— Other
13201	Metalwork Occupations	14054	Dental Science	14201	Central Service Technology
13202	Metalworking	14055	Emergency Medical Technology	14202	Health Support Services
13203	Machining	14056	Surgical Technology	14203	Health Unit Coordination
13204	Particular Topics in Machining	14057	Vision Care	14204	Particular Topics in Health Support Services
13205	Sheet Metal	14058	Optometrics	14249	Health Support Services—Other
13206	Particular Topics in Sheet Metal	14059	Gerontology		
		14060	Physical Therapy		
		14061	Respiratory Therapy		
		14062	Sports Medicine		
		14063	Particular Topics in Therapeutic Services		

14251	Health Science	15152	Fire Fighting	16103	Institutional Maintenance
14252	Biotechnology	15153	Particular Topics in Fire Management	16104	Particular Topics in Lodging
14253	Pharmacology	15199	Fire Management—Other	16149	Lodging—Other
14254	Particular Topics in Health Sciences	15201	Public Administration	16151	Introduction to Travel & Tourism
14255	Biomedical Innovation	15202	Community Protection	16152	Travel and Tourism—Comprehensive
14299	Health Sciences—Other	15203	Public Policy	16153	World Travel and Tourism
14999	Health Care Sciences—Other	15249	Government Service—Other	16154	Eco-tourism
15001	Exploration of Public Service Careers	15999	Public, Protective, & Government Service—Other	16155	Particular Topics in Travel and Tourism
15051	Criminal Justice	16001	Exploration of Hospitality Careers	16199	Travel & Tourism—Other
15052	Corrections	16051	Exploration of Restaurant, Food & Beverage Services	16201	Exploration of Recreation, Amusement and Attractions
15053	Particular Topics in Law Enforcement	16052	Restaurant, Food and Beverage Services—Comprehensive	16202	Recreation, Amusement & Attractions—Comprehensive
15054	Law Enforcement	16053	Food service	16203	Particular Topics in Recreation, Amusement and Attractions
15055	Forensic Science	16054	Nutrition and Food Preparation	16204	Recreation, Amusement, and Attractions Management
15056	Crime Scene Management	16055	Restaurant Management and Operations	16249	Recreation, Amusement & Attractions—Other
15057	Criminal Law and Procedures	16056	Culinary Art Specialty	16999	Hospitality & Tourism—Other
15058	Ethics in Criminal Justice	16057	Particular Topics in Restaurant, Food and Beverage Services	17001	Construction Careers Exploration
15099	Law Enforcement—Other	16099	Restaurant, Food & Beverage Services—Other		
15101	Public Safety	16101	Exploration of Lodging Careers		
15102	Security Services	16102	Lodging—Comprehensive		
15103	Particular Topics in Security				
15104	Public Safety Telecommunications				
15149	Security & Protection—Other				
15151	Fire Science				

17002	Construction— Comprehensive	17057	Particular Topics in HVACR	18003	Agriculture & Natural Resources— Comprehensive
17003	Carpentry	17158	Plumbing	18004	Biological Applications in Agriculture
17004	Framing Carpentry	17159	Plumbing & Heating	18005	Particular Topics in Environmental Service Systems
17005	Particular Topics in Carpentry	17099	Air Conditioning, Heating & Plumbing— Other	18051	Plant Systems/Science
17006	Woodworking	17101	Exploration of Electricity/Electronics	18052	Horticultural Science
17007	Cabinetmaking	17102	Electricity— Comprehensive	18053	Ornamental Horticulture
17008	Masonry	17103	Residential Wiring	18054	Turf & Landscape Management
17009	Building Repair and Maintenance	17104	Industrial Electricity	18055	Soil Science
17010	Home Maintenance	17105	Particular Topics in Electricity	18056	Particular Topics in Plant Systems
17011	Wall Finishings	17106	Electronics— Comprehensive	18099	Plant Systems—Other
17012	Upholstering	17107	Particular Topics in Electronics	18101	Animal Production/Science
17013	Commercial Construction	17108	Electricity /Electronics—General	18102	Small Animal Care
17014	Concrete Foundations	17109	Particular Topics in Electricity/Electronics	18103	Large Animal Care
17015	Construction Estimating	17110	Analog and Digital Circuits	18104	Equine Science
17016	Construction Management	17111	Analog Circuits	18105	Veterinary Science
17017	Particular Topics in Construction	17112	Digital Circuits	18106	Particular Topics in Animal Systems
17049	General Construction— Other	17149	Electricity /Electronics—Other	18107	Animal Nutrition
17051	Air Conditioning	17999	Architecture & Construction—Other	18108	Animal Genetics
17052	Refrigeration	18001	Introduction to Agriculture & Natural Resources	18109	Integrated Pest Management
17053	Heating	18002	Agriculture— Comprehensive	18149	Animal Systems—Other
17054	Air Conditioning /Refrigeration	18201		18201	Agribusiness Management
17055	Air Conditioning, Heating, and Refrigeration	18202		18202	Agricultural Entrepreneurship
17056	Heating, Ventilation, and Air Conditioning				

18203	Agricultural Leadership	18406	Water Treatment	19106	Cosmetology—Facial Specialization
18204	Particular Topics in Agribusiness	18449	Agricultural Mechanics & Construction—Other	19107	Particular Topics in Cosmetology
18205	Agriculture Computers and Technology	18501	Wildlife and Recreation Management	19149	Cosmetology—Other
18249	Agribusiness—Other	18502	Forestry Management	19151	Teaching Profession
18301	Agricultural Production	18504	Natural Resources Management	19152	Educational Methodology
18302	Agricultural Processing	18505	Particular Topics in Natural Resources	19153	Teaching—Early Childhood Education
18303	Plant Processing	18506	Alternative Energy	19154	Particular Topics in Education
18304	Animal Processing	18549	Natural Resources—Other	19155	Instructional Technology
18305	Food Product Processing	18999	Agriculture, Food, & Natural Resources—Other	19199	Education—Other
18306	Aquaculture	19001	Human Services Career Exploration	19201	Clothing & Textiles
18307	Agriculture and Society	19051	Child Care	19202	Clothing/Textile Maintenance
18308	Agricultural Biotechnology	19052	Child Development	19203	Apparel Construction
18309	Particular Topics in Agricultural Production/Processing	19053	Elder Care	19204	Apparel and Textile Services
18310	Sustainable/Alternative Agriculture	19054	Child and Adult Care Services	19205	Home Furnishing
18311	Viticulture	19055	Particular Topics in Child & Elder Care	19206	Home Furnishings Production
18349	Agricultural Production & Processing—Other	19099	Child & Elder Care—Other	19207	Particular Topics in Apparel and Furnishings
18401	Agriculture Mechanics/Equipment/Structures	19101	Cosmetology—Licensing	19249	Apparel & Furnishings—Other
18402	Agriculture Mechanics and Equipment	19102	Barbering	19251	Family & Consumer Sciences—Comprehensive
18403	Agriculture Structures	19103	Hair Styling	19252	Food Preparation and Health Management
18404	Agricultural Metal Fabrication Technology	19104	Cosmetology—Non-licensing	19253	Nutrition and Wellness
18405	Particular Topics in Agricultural Mechanics and Construction	19105	Cosmetology—Nail Specialization	19254	Food Science

19255	Child Development /Parenting	20107	Diesel Mechanics— Comprehensive	21001	Pre-Engineering Technology
19256	Clothing and Sewing	20108	Particular Topics in Diesel Mechanics	21002	Engineering Applications
19261	Human Growth and Development	20109	Small Vehicle Mechanics	21003	Engineering Technology
19262	Consumer Economics/Personal Finance	20110	Small Engine Mechanics	21004	Principles of Engineering
19263	Home Environments and Design	20111	Marine Mechanics	21005	Engineering— Comprehensive
19299	Family & Consumer Sciences—Other	20112	Heavy Equipment Mechanics	21006	Engineering Design
19301	Counseling & Mental Health	20113	Aircraft Power Plant	21007	Engineering Design and Development
19999	Human Services— Other	20114	Aircraft Airframe	21008	Digital Electronics
20001	Exploration of Transportation, Distribution & Logistics	20115	Automotive Detailing and Reconditioning	21009	Robotics
20051	Truck & Bus Driving	20116	Automotive Body Repair and Refinishing— Comprehensive	21010	Computer Integrated Manufacturing
20052	Heavy Equipment Operation	20117	Particular Topics in Automotive Body Repair and Refinishing	21011	Civil Engineering
20053	Aviation	20118	Boat Repair/Refinishing	21012	Civil Engineering and Architecture
20054	Boat Operation	20119	Hybrid Engines	21013	Aerospace Engineering
20055	Pilot Training	20120	Motorsports Technology	21014	Biotechnical Engineering
20099	Operation—Other	20149	Mechanics & Repair— Other	21015	Particular Topics in Engineering
20101	Energy/Power	20151	Distribution— Comprehensive	21016	Engineering Analysis
20102	Power & Mechanics	20152	Warehouse Operations	21017	PLTW Introduction to Engineering Design
20103	Introduction to Automobiles	20199	Distribution & Logistics—Other	21018	PLTW Principles of Engineering
20104	Automotive Mechanics— Comprehensive	20999	Transportation, Distribution & Logistics—Other	21019	PLTW Aerospace Engineering
20105	Particular Topics in Automotive Mechanics			21021	PLTW Civil Engineering and Architecture
20106	Automotive Service				

21022	PLTW Computer Integrated Manufacturing	21056	Particular Topics in Technology Applications	21106	Drafting—Technical/Mechanical
21023	PLTW Digital Electronics	21057	Laser/Fiber Optics	21107	CAD Design and Software
21024	PLTW Environmental Sustainability	21058	Geospatial Technology	21108	Blueprint Reading
21025	PLTW Engineering Design and Development	21059	Modeling & Simulation Technology	21149	Drafting—Other
21026	PLTW Engineering Essentials	20160	Wind Energy	21999	Engineering & Technology—Other
21049	Engineering—Other	20161	Wind Turbine Construction & Operation	22101	Leadership
21051	Technological Literacy	20162	IB Design, Middle Years	22102	School Orientation
21052	Technological Processes	21099	Technology—Other	22103	School Governance
21053	Emerging Technologies	21101	Drafting Careers Exploration	22108	IB Creativity, Action, Service
21054	Technology Innovation & Assessment	21102	Drafting—General	22110	AP Seminar
21055	Aerospace Technology	21103	Drafting—Architectural	22115	Academic Competition
		21104	Drafting—Civil/Structural	22250	Exploratory
		21105	Drafting—Electrical/Electronic	22260	IB Personal Project, Middle Years

PRE-KINDERGARTEN

23001	Early Childhood Education
23002	Pre-kindergarten Self-contained