

HIGH SCHOOL PROGRAM OF STUDIES

2022-2023



**Matanuska-Susitna Borough School District
Office of Instruction
501 N. Gulkana Street
Palmer, AK 99645**

This draft contains all courses approved by the School Board from the Curriculum Council as of April 2022. All courses may not be offered at all high schools.

Table of Contents

High Schools in the MSBSD	4
Diploma Requirements for Graduating Classes	5
High School Graduation Requirements - Graduation Standard Year (GSY)	5
Grades/Evaluation of Student Achievement	5
Transcripts	6
Grade Point Average (GPA)	6
Advanced Placement Courses (AP)	6
International Baccalaureate Diploma Program (IB)	6
Mat-Su Middle College School (MSMCS)	7
Career and Technical Education (CTE)	7
Credit, Community, Career, College, (4Cs)	8
Mat-Su iTech	9
ANSEP Acceleration Academy (Mat-Su)	9
Academy of Blended Learning Education (ABLE Program)	10
Other Credit Options (OCO) (BP 6146.02)	10
APS	11
MTSS	11
Enrollment of Foreign Students (AR 5119)	11
MSBSD Learning Routes	13
MSBSD Course Offerings	14
Language Arts	14
Mathematics	15
Social Studies	16
Science	17
Physical Education	18
Health	18
World Language	19
Fine Arts	20
Other	21
Career & Technical Education	22
Mat-Su iTech & Apex 2021-2022 Course Listings	
Counseling Forms	25
Best Practice Forms	25
Other Credit Option Forms	25

High Schools in the MSBSD

The Matanuska Susitna Borough School District is a district of choice with an “open enrollment” policy, which means that a school can accept boundary exemption requests from all MSBSD students who reside outside their boundaries, based on whether they have staffing and capacity. Since schools can receive over 200 boundary exemption requests each year, requests submitted before April 1st have the best chance of being accepted. However, students from out-of-boundary schools must provide their own transportation. Following is an overview of the high schools in the MSBSD.

[American Charter Academy \(K-12\)](#)

244 S Sylvan, Suite #110, Wasilla, AK 99623
(907) 352-0150

[Beryozova School \(K-12\)](#)

29297 Beryozova Road, Willow, AK 99688
(907) 495-9390

[Burchell High School \(9-12\)](#)

1775 W Parks Highway, Wasilla, AK 99654
(907) 864-2600

[Colony High School \(9-12\)](#)

9550 E Bogard Road, Palmer, AK 99645
(907) 861-5500

[Glacier View School \(K-12\)](#)

65975 S Wolverine Circle, Sutton, AK 99674
(907) 861-5650

[Houston Jr./Sr. High \(6-12\)](#)

12501 W. Hawk Lane, Houston, AK 99694
(907) 892-9400

[Mat-Su Career & Technical High School \(9-12\)](#)

2472 N Seward Meridian, Wasilla, AK 99654
(907) 352-0480

[Mat-Su Central School \(K-12\)](#)

600 E. Railroad Avenue, Suite #6, Wasilla, AK 99654
(907) 352-7450

[Mat-Su Day School \(K-12\)](#)

2360 N Tait Drive, Wasilla, AK 99654
(907) 864-6000

[Mat-Su Middle College \(11-12\)](#)

8295 E College Drive, Palmer, AK 99645
(907) 746-8494

[Palmer High School \(9-12\)](#)

1170 W Bogard Road, Palmer, AK 99645
(907) 746-8400

[Redington Sr. Jr/Sr High School \(6-12\)](#)

10015 Redington Road, Wasilla, AK 99687
(907) 864-5400

[Susitna Valley Jr/Sr High School \(6-12\)](#)

42728 S Parks Highway, Talkeetna, AK 99676
(907) 733-9300

[Twindly Bridge Charter School \(K-12\)](#)

141 E Seldon Road, Wasilla, AK 99654
(907) 376-6680

[Valley Pathways High School \(9-12\)](#)

1150 N France Road, Palmer, AK 99645
(907) 761-4650

[Wasilla High School \(9-12\)](#)

701 E Bogard Road, Wasilla, AK 99654
(907) 352-8200

Diploma Requirements for Graduating Classes

The Chief School Administrator/Superintendent or designee shall prepare for Board approval a plan consisting of district graduation requirements. Students shall receive a Matanuska Susitna Borough School District diploma only after meeting the minimum credits defined for the graduation class outlined in Board Policy. Click below for the Board Policy Requirements.

[Graduating Class of 2023 & 2024](#)

[Graduating Class of 2025](#)

[Graduating Class of 2026 +](#)

High School Graduation Requirements - Graduation Standard Year (GSY)

The Graduation Standard Year is based on the first year a student begins high school as a 9th grader and would typically finish 4 years later. GSY is directly related to the Graduation Requirements that are part of the Credit Summary of the transcript. The graduation requirements for a student are based on what is set by the School Board when the student enters 9th grade (first year of high school).

Whether a student finishes early (i.e., Junior year or half-way through the Senior year) or late (i.e., fifth year Seniors), the Graduation Standard Year stays the same, as that is what determines the requirements they have to meet to graduate.

For additional information on high school graduation requirements [click here](#) to review AR 6146.01.

Grades/Evaluation of Student Achievement

The Superintendent or designee shall be responsible for implementing a uniform system of measuring, recording, and reporting the achievement of individual students. Principals shall ensure that student grades conform to this system. The grading system will ensure that the student, teacher, and the parents can assess progress toward the educational goals of a particular course of study. The Office of Instruction will review the grading system with relevant stakeholders on an as-needed basis.

Students shall be informed in writing at the onset of any course of study of the behaviors and achievements that are expected of them. They shall be kept informed of their progress during the course of study.

Whenever it becomes evident to a teacher that a student is in danger of falling below average, the teacher shall arrange a conference with the student's parent/guardian or send the parent/guardian a written notice.

Teachers are encouraged to allow for trends in the quality of student work. When a student finishes a grading period doing high quality work which requires skills acquired throughout the grading period, low grades at the beginning of the grading period need not diminish the appropriate evaluation of the student's achievement. Similarly, high grades at the beginning need not compensate for a downward trend in achievement.

A grade report to students and parents is required on a quarterly basis. These grade reports should go to the students within six working days after the end of the quarter. Final decision on any contested grade will be the responsibility of the principal.

For additional information on classroom grading practices, [click here](#) to review AR 5121.

Transcripts

High school transcripts are official documents and may be amended in extenuating circumstances to correct errors. Prior to requesting inclusion of Other Credit Options, including high school credit for courses taken during middle school, students and parents should consider the effect these non-weighted grades will have on class rank.

Grade Point Average (GPA)

A student's official transcript reflects both a weighted and unweighted cumulative GPA and Class Rank. A student may have a different class rank with each. An additional 1.0 quality point will be awarded to students in approved weighted grade courses who earn grades of A, B, C or D.

Standard Grade Points: A=4, B=3, C=2, D=1, F, NG and I = 0

Weighted Grade Points: A=5, B=4, C=3, D=2, F, NG and I = 0

The cumulative grade point average (GPA) is the weighted and standard grade points total divided by the total number of credits. Pass/Fail grades will not be counted in determining GPA or class rank.

Advanced Placement Courses (AP)

The Advanced Placement Program (AP) is a collaborative effort between motivated students, dedicated teachers, and committed high schools, colleges, and universities. The program allows students to take college level courses and exams, and to earn college credit or placement while still in high school. Most colleges and universities in the U.S. have an AP policy granting incoming students' credit, placement, or both on the basis of their AP Exam grades. Many of these institutions grant up to a full year of college credit (sophomore standing) to students who earn a sufficient number of qualifying AP grades.

AP Courses are developed by a committee of college faculty and AP teachers and cover the breadth of information, skills, and assignments found in the corresponding college courses. Each AP course has a corresponding exam that participating schools worldwide administer in May. Students may take AP courses with or without the exam option. AP courses are considered to have weighted grades.

International Baccalaureate Diploma Program (IB)

The International Baccalaureate (IB) Diploma Program is an internationally recognized academic program for high school juniors and seniors. Noted for its depth and rigorous curriculum, the Diploma Program aims to develop college-ready students who excel "physically, intellectually, emotionally and ethically" (ibo.org).

The Diploma Program (DP) is made up of six subject groups and the DP core: Theory of Knowledge, Extended Essay, and Creativity, Activity, Service (CAS). Students at Palmer High School can take IB classes based on their personal interests or can participate in the full diploma program.

IB classes at Palmer High School are available in all subject areas: Literature, Language Acquisition, Social Sciences, Experimental Sciences, Mathematics, and the Arts. Most IB classes award weighted grades.

In addition to college readiness, IB students often receive college credit, college waivers, and additional scholarship opportunities in recognition of the work they do in the IB program. For more information, visit www.ibo.org or www.matsuk12.us/phs.

Mat-Su Middle College School (MSMCS)

The Mat-Su Middle College School is a partnership between the MSBSD and the University of Alaska. The school is located on the University of Alaska, Mat-Su College campus. MSMCS's application is open to all juniors and seniors in the Mat-Su Borough. Applications are available prior to the beginning of each fall and spring semester. This school will support students to earn high school credits while taking college coursework. In addition to academic courses, students will attend an orientation program and receive a college readiness curriculum through structured support. This curriculum focuses on development of college readiness skills, abilities, and attitudes. Successfully completing college coursework will result in a student earning a MSBSD high school diploma and transferable college credits towards a future degree or certificate. MSMCS pays all tuition, fees, required textbooks, and materials for fall and spring semesters.

- Application required for admission
- Email: msm@matsuk12.us
- Phone: (907)761-3498
- Website: <https://www.matsuk12.us/msm>

Career and Technical Education (CTE)

Career and Technical Education (CTE) is organized around eight broad career areas. Nationally there are 16 federally recognized Career Clusters. MSBSD CTE consolidates the 16 Career Clusters down to 8 locally defined broad Pathways. Further, each Pathway has several CTE Programs of Study (CTEPS) under them. CTEPS defines a suggested sequence of courses aligned in increasing rigor as a student progresses through high school. Following a CTEPS prepares students for earning nationally recognized industry certifications, early college credits, and preparation for college entry and increased employment capacity. Students who follow a defined sequence of courses for at least 2.0 credits within a CTEPS are considered a CTE Concentrator.

<p style="text-align: center;"><u>BUILDING</u></p> <ul style="list-style-type: none"> ● Architecture & Drafting ● Cabinetry & Woodworking ● Construction Trades ● Pre-Engineering ● Welding 	<p style="text-align: center;"><u>BUSINESS & INFORMATION TECHNOLOGY</u></p> <ul style="list-style-type: none"> ● Accounting & Finance ● Business Administration ● Computer Science ● Digital Media 	<p style="text-align: center;"><u>FITNESS/SPORTS MEDICINE</u></p> <ul style="list-style-type: none"> ● Physical Therapy ● Sports Medicine & Fitness 	<p style="text-align: center;"><u>HEALTH</u></p> <ul style="list-style-type: none"> ● Biomedical Science ● Dental Assistant ● Emergency Medicine Services ● Health Informatics ● Pharmacy Technician ● Pre-Nursing
<p style="text-align: center;"><u>HUMAN SERVICES</u></p> <ul style="list-style-type: none"> ● Legal & Law Enforcement ● Teacher & Education Training ● Veterinary Assistant 	<p style="text-align: center;"><u>NATURAL RESOURCES</u></p> <ul style="list-style-type: none"> ● Animal Science ● Geospatial Technology ● Horticulture ● Process Technology & Utility Operation ● Wildland Firefighting 	<p style="text-align: center;"><u>TOURISM & CULINARY</u></p> <ul style="list-style-type: none"> ● Culinary Arts ● Lodging & Travel Management 	<p style="text-align: center;"><u>TRANSPORTATION</u></p> <ul style="list-style-type: none"> ● Automotive Technology ● Aviation Technology ● Hydraulics/Fluids/Diesel ● Logistics ● Outdoor Power Equipment Technician (OPET)

CTSO's (Career and Technical Student Organizations) are an important part of the CTE programs. They are co-curricular and allow students to learn leadership skills and participate in civic projects as well as to showcase the industry skills they are learning. Current organizations are Business Professionals of America (BPA), Educators Rising, Future Farmers of America (FFA), Health Occupations Student Association (HOSA), and SkillsUSA. For more information, visit Alaska's state CTSO web site at <https://www.ctsos.org/wp-content/uploads/2015/02/Alaska.pdf>.

Dual-enrollment college credit, academic elective credit, and industry certifications are offered in many of our CTE courses. For up-to-date information on the aligned courses, please check the MSBSD website – [CTE Department College, Academics & Certs](#) or call the CTE Department Office at (907) 746-9274.

CTE is for **ALL** students!

Credit, Community, Career, College, (4Cs)

The 4Cs curriculum is designed to each grade's specific developmental needs. The lessons will focus on Credit, Community, Career, and College. Additionally, students will discuss safety, social and emotional development, and citizenship issues. The 4Cs class is intended to be a full year and is required for all students. Students will be taught how to explore, plan and follow-through on postsecondary plans. Lessons range from goal setting, career research, academic improvement, career surveys, college research, and high school academic planning. Presentations from industry experts, universities, colleges, and apprentice programs will be offered. Students will experience a more personalized learning environment with a structure and set of practices for monitoring and encouraging academic progress and career/college readiness.

All students will be provided a 4Cs mentor (teacher), counselor, and if needed, an upperclassmen peer who will meet with them weekly to monitor their academic success, emotional well-being, and progress in achieving their goals. Time will be set aside each day to provide students with structured study time and specific interventions if they are experiencing difficulty. For students who are excelling, they can earn additional time/credit for enrichment, acceleration, and/or work-based/community opportunities. Juniors and seniors can earn such privileges as off-campus and/or early release for work-based, community, or early college credit opportunities (based on passing all classes and good behavior). Upperclassmen taking on the role of a mentor (social or academic) for underclassmen during 4Cs will have the option to earn elective credit and 4Cs credit concurrently.

Mat-Su iTech

Mat-Su iTech is an MSBSD program which offers online courses through eDynamic and Apex Learning. It is available at all traditional and nontraditional high schools in the District. With the assistance of on-site mentors and highly qualified virtual teachers, students have the opportunity to complete courses at their own pace. iTech offers credit recovery, regular credit accrual, and acceleration. Please contact your school counselor for more information.

FY23 iTech Catalogs: [Apex Learning](#) | [eDynamic Learning](#)

ANSEP Acceleration Academy (Mat-Su)

The Acceleration Academy (Mat-Su) is an innovative partnership between the Alaska Native Science & Engineering Program (ANSEP) and the Matanuska-Susitna Borough School District (MSBSD). It is a full-time, regular high school with the additional benefit that students who participate will have the opportunity to graduate from high school early with two years or more of college credits earned toward BA and BS degree programs. MSBSD students will begin taking college courses the moment they begin high school and will have the ability to accumulate college credits that apply towards many degree programs at the University of Alaska. The course and schedule options will ensure that MSBSD students will be academically college-ready by the end of year three, while an optional fourth year will allow students to earn additional college credits.

The ANSEP Acceleration Academy (Mat-Su):

- Supports students of all career interests,
- Significantly improves college readiness by eliminating the need for remediation,
- Produces high school graduates with two or more years of college credits earned for various degree programs,
- Reduces the time to degree for college students,
- Saves families two years or more in college costs,
- Saves the State of Alaska millions of dollars in general fund support, and
- Increases the economic opportunities for MSBSD students and their families.

Notes and Contact Information:

- Application required for admission.
- Phone: (907) 786-1158
- Email: [UAA ANSEPAcceleration@alaska.edu](mailto:UAA_ANSEPAcceleration@alaska.edu)
- Website: <https://www.ansep.net/>

Academy of Blended Learning Education (ABLE Program)

ABLE is a proven school-within-a-school model of credit recovery for students at-risk of not graduating on time for 11th and 12th grade students. ABLE is a self-paced, individualized learning center with a professional, structured environment where students receive one-on-one help and work at their own pace on one to two classes at a time.

As soon as a student completes a class, they are given the next class they need until all of their credits are either caught up or they graduate. Students must earn at least a 70% to progress from one class to the next. The day a student graduates, he/she is done and does not have to return to school.

For juniors, ABLE is meant to be a temporary change in their high school career that would, otherwise, turn into a five year tenure. As soon as the junior is caught up enough in credits, he/she will return to their original program or school the next semester.

ABLE provides all students with a mentor teacher to help guide them and to provide academic support and tutoring when needed. Students will have the option of taking academic support classes to help build skills so they can successfully handle any obstacle they may encounter in their classes. All courses are blended from different sources, including Apex, to meet students where they are at so they can work independently, while help is always available within the room.

Note: Courses taken in the ABLE Program are not NCAA eligible.

[Click here](#) for more information on the ABLE Program.

Other Credit Options (OCO) ([BP 6146.02](#))

Other Credit Options (OCO) is designed to give students the opportunity to choose learning experiences that are suited to their personal educational needs. The Board values other ways to accomplish learning experiences but OCOs are not shortcuts to learning. Student experiences need to include demonstration of competency to a mastery level. The Chief School Administrator/Superintendent will design a structure to support OCO within the boundaries set by Board policy.

Students wishing to take courses for high school credit through one of the following Other Credit Options may do so with prior school counselor and principal approval:

- [AR 6146.02](#) (a) Distance Delivery
- [AR 6146.02](#) (b) College Course Work
- [AR 6146.02](#) (c) Early College Admissions
- [AR 6146.02](#) [d] Independent Study
- [AR 6146.02](#) [e] Educational Travel
- [AR 6146.02](#) [f] Community Service
- [AR 6146.02](#) [g] Early High School Credit
- [AR 6146.02](#) [h] Physical Education Credit Waiver
- [AR 6146.02](#) [i] Supplemental and Non-public School Credit
- [AR 6146.02](#) [j] College-Level Examination Program (CLEP)
- [AR 6146.02](#) [k] Test for Credit

The student must complete the appropriate OCO Form with assistance from the school counselor/principal. After obtaining school- level and parent signatures, the original OCO Form needs to be filed in the student's cumulative file and a copy kept

with the student's counselor for transcript review purposes. If an OCO is denied, a student and parent/guardian may appeal the decision to the Office of Instruction within five (5) days of the decision. A determination by the Office of Instruction will be made in five (5) working days. These deadlines can be extended upon the mutual agreement of parties involved.

1. Students are encouraged to complete Other Credit Options four (4) weeks prior to the end of the semester. It is the responsibility of the student to know and to meet individual school deadlines.
2. Other Credit Options are only recorded on the transcript after an official transcript has been received. Once the OCO credit is recorded on the transcript, it is included in calculating grade point average (GPA) and class rank.
3. The MSBSD is not the sponsoring agency for the off-campus programs and is not responsible for the student's personal or financial liability. Expenses for Other Credit Options are the responsibility of the individual.
4. Since Other Credit Options are recorded only upon program completion, OCO is not a course that can be included for calculating eligibility for full-time student status.
5. Weighing the impact of OCO on co-curricular eligibility (MSBSD, ASAA, NCAA, etc.) is the responsibility of the student.
6. To further support students choosing learning experiences to enhance their personal educational needs, counselors and principals, along with students and their parents/guardians can apply for consideration to the Office of Instruction for an OCO that has not been established by these guidelines. The OCO Form IO: Application for Consideration should be used for this process.

APS

The Alaska Performance Scholarship provides an opportunity for Alaska high school students to earn a scholarship to help cover the cost of an Alaska postsecondary Education. Alaska high school students who take a more rigorous curriculum, get good grades, and score well on college placement or work ready exams, can earn a Alaska Performance Scholarship to qualified Alaska colleges, universities, or vocational/technical programs. To learn more about the Alaska Performance Scholarship, [click here](#) to visit their website.

[Click here](#) to view the 2022-2023 MSBSD APS Reference Chart.

MTSS

Multi-Tiered System of Supports (MTSS) is a systemic, continuous-improvement framework in which data-based problem solving and decision-making is practiced across all levels of the educational system for supporting students. MTSS takes a proactive approach to identifying students with academic or behavioral needs. The key components of MTSS include:

- Universal screening of all students early in the school year
- Tiers of instruction that support each student's individual needs
- Ongoing data collection and continual assessment to guide instruction
- Schoolwide approach to expectations and supports to support all learners

[Click here](#) to learn more about MTSS in the Mat-Su Borough School District.

Enrollment of Foreign Students [\(AR 5119\)](#)

MSBSD Students Participating in Foreign Exchange Program

Foreign exchange student programs are recognized as a means of improvement of international understanding. The exchange of culture through a student exchange program is viewed as a desirable supplement to the educational program. If a student is contemplating an outbound exchange, they should take the following steps prior to the exchange:

1. Initiate a conference to include the student, parent/guardian, and counselor. In this meeting the student's transcript will be evaluated and a written plan for graduation will be documented. It is possible that students may need to take correspondence course(s) while on an exchange in order to complete all of the graduation requirements. A copy of this plan and needed documentation from the school attended in the foreign country will be given to the student and parent/guardian.
2. To earn credit from the foreign exchange program, the student must return with an official transcript and a course outline for each course completed. The course outline will be used to determine whether the course meets a core academic requirement or an elective credit.
3. If an official transcript is not producible, then credit will be determined by reviewing course outlines (signed by a foreign school official), length of time in each course, and student performance.
4. School calendars and grading systems vary from country to country; therefore, each foreign exchange transcript must be evaluated on a case-by-case basis. It is highly recommended that the student return with an official transcript, course descriptions, school calendar, and any other supporting documentation that would assist the MSBSD in awarding credit.

If the student does not comply with the above requirements and records are either not provided or are incomplete, the student may risk not earning credits needed for graduation.

For additional information on enrollment of foreign students [click here](#) to review BP 5119.

MSBSD Learning Routes (under construction)

MSBSD Course Offerings

Language Arts

Click [here](#) for a detailed description of each course offering.

****Courses highlighted in yellow indicate qualifying required courses for MSBSD graduation requirements. Please note, required courses will vary depending on the student's learning route.*

1720	Adv Cinema Art
1710	Adv Creative Writ
1700	Adv Poetry
1410	Advanced Comp
1500	American Lit
1451/1452	AP Lang & Comp
1441/1442	AP Lit & Comp
1881/1882	AP Research-English
1431	AP Seminar S1
1432	AP Seminar S2
1580	Applied Comm 1
1590	Applied Comm 2
1540	Bible Lit & Hist
1510	British Lit
1511/1512	British Lit
1610	Cinema As Art
1520	Classical Lit
1420	College Composition
1730	Contemp AK Lit
1560	Contemp Lit
1630	Creative Writing
1770	Debate/Forensics
82110	Dig Media 1 S1
82120	Dig Media 1 S2
82131	Dig Media 2 S1
82132	Dig Media 2 S2
82141	Dig Media 3 S1
82142	Dig Media 3 S2
82151	Dig Media 4 S1
82152	Dig Media 4 S2
0151/0152	DL English 1
0153/0154	DL English 2

0155/0156	DL English 3
0157/0158	DL English 4
7260	Drama 1
7270	Drama 2
1041/1042	ELA English 1
1051/1052	ELA English 2
1061/1062	ELA English 3
1071/1072	ELA English 4
0170	Eng Occ Knowl
1101/1102	English 1
1111/1112	English 1A
1201/1202	English 2
1211/1212	English 2A
1301/1302	English 3
1311/1312	English 3A
1401/1402	English 4
1001V/1002V	English Found 1
1003V/1004V	English Found 2
0111/0112	FD English 1
0113/0114	FD English 2
0115/0116	FD English 3
0117/0118	FD English 4
0171/0172	FD Reading 1
0173/0174	FD Reading 2
0121/0122	FD Writing 1
0123/0124	FD Writing 2
1530	Frontier Lit
1121/1122	Hon English 1
1221/1222	Hon English 2
1321/1322	Hon English 3

1640	Humanities/English
1810/1820	IB Literature 1
1830	IB Literature 2 S1
1840	IB Literature 2 S2
1620	Intermed Comp
83410	Internet of Everything
CS13410	Internet of Everything
1791/1792	Journalism 1
1795/1796	Journalism 2
0131/0132	LS English 1
0133/0134	LS English 2
0135/0136	LS English 3
0137/0138	LS English 4
1650	Mythology
1731/1732	Perf Poetry
1690	Poetry
1081	READ 180 S1
1082	READ 180 S2
1040V	Read Skills & Strat
1750	Readers Theater
1660	Science Fiction
1670	Shakespeare
1680	Short Story
1760	Speech
1471	Technical Writing 1
1472	Technical Writing 2
83440	Web Page Authoring
1550	World Lit
89941/ 89942	Yearbook/Prj Mgmt

Mathematics

Click [here](#) for a detailed description of each course offering.

****Courses highlighted in yellow indicate qualifying required courses for MSBSD graduation requirements. Please note, required courses will vary depending on the student's learning route.*

86441	3D Solid Modeling S1
86442	3D Solid Modeling S2
83110	Accounting 1
83120	Accounting 2
83130	Accounting 3
83140	Accounting 4
2107/2108	Alg Finance
2121/2122	Algebra 1
2321/2322	Algebra 2
2441/2442	AP Calculus AB
2451/2452	AP Calculus BC
83561	AP Computer Sci A S1
83562	AP Computer Sci A S2
2881/2882	AP Research - Math
2531/2532	AP Statistics
86050	Arch Draft 1
86060W	Arch Draft 2
86070	Arch Draft 3
86080W	Arch Draft 4
2461/2462	Calculus
86421	Civil Eng/Arch S1
86422	Civil Eng/Arch S2
2701/2702W	College Alg
83150	Computerized Acct
86131	Const Trades 1 S1
86132	Const Trades 1 S2
86141	Const Trades 2 S1
86142	Const Trades 2 S2
83400	CS. Create
0251	Daily Living Math 1 S1
0252	Daily Living Math 1 S2
0253	Daily Living Math 2 S1
0254	Daily Living Math 2 S2
0255	Daily Living Math 3 S1
0256	Daily Living Math 3 S2
0257	Daily Living Math 4 S1
0258	Daily Living Math 4 S2
86431	Digital Electron S1
86432	Digital Electron S2
83510	Electronics 1
83520	Electronics 2
2071/2072	Foundations of Math 1
2073/2074	Foundations of Math 2
2075/2076	Foundations of Math 3
2221/2222	Geometry
2251/2252	Hon Geometry
2621/2622	IB Calculus
2601/2602	IB Math 1
2611/2612	IB Math 2
2211/2212	Inf Geometry
2191/2192	Intermed Alg
2113/2114	Intro Algebra S1/S2
86110	Intro Construction
86401/86402	Intro Eng Design S1/S2
2101/2102	KEAS Lab S1/S2
0231/0232	Life Skills Math 1
0233/0234	Life Skills Math 2
0235/0236	Life Skills Math 3
0237/0238	Life Skills Math 4
2105/2106	Math Apps AK
84100	Medical Math
83610W	Networking 1
83620W	Networking 2
83630W	Networking 3
83250W	Personal Finance
2431/2432	Precalc/Trig
86411/86412	Prin Engineering
86010	Tech Draft 1
86020W	Tech Draft 2
86030	Tech Draft 3
86040W	Tech Draft 4
86090	Technical Math
2350	Trigonometry
2371	Trigonometry Apps

Social Studies

Click [here](#) for a detailed description of each course offering.

****Courses highlighted in yellow indicate qualifying required courses for MSBSD graduation requirements. Please note, required courses will vary depending on the student's learning route.*

3020	Adv Teen Leaders
9062/9061	AF JROTC I
3540	Alaska History
3350	American Civil War
3360	Anthropology
3430	AP Comp Gov & Pol
3291/3292	AP European Hist
3511/3512	AP Human Geograph
3273/4	AP Macroeconomics
3261/3262	AP Psychology
3421/3422	AP US Gov & Pol
3420	AP US Gov & Politics
3331/3332	AP US History
3881/3882	AP Research-Social Studies
3231/3232	AP World History
3640	Bible Lit & Hist
3520	Comp World Religions
3380	Current Issues
0351/0352	DL Soc Studies 1
0353/0354	DL Soc Studies 2
0355/0356	DL Soc Studies 3
0357/0358	DL Soc Studies 4
3160	Early American Hist

3270	Economics
3470	Ethics
0312	FD AK History
0330	FD Civics
3450	Civics
0310	FD Law Related
0320	FD US Govt
0317/0318	FD US History
0313/0314	FD World History
3280	Holocaust Genocide St
3120	Hon Law Rel Studies
3321/3322	Hon US History
3221/3222	Hon World Hist
3341/3342	IB Hist America 1
3531/3532	IB Hist America 2
3491/3492	IB Philosophy 1
3481/3482	IB Philosophy 2
3661/3662	IB Tech Global Soc
3611/3612	IB Theory Know 1
3621/3622	IB Theory Know 2
85210	Justice 1
85220	Justice 2
3100	Law Rel Studies
3110	Law Rel Studies A

3560	Leadership
3561/3562	Leadership
3390	Legal Systems
86670	Logistics 1
86680	Logistics 2
0331/0332	LS Soc Studies 1
0333/0334	LS Soc Studies 2
0335/0336	LS Soc Studies 3
0337/0338	LS Soc Studies 4
3150	Mid-East Studies
3140	Pacific Rim
3460	Philosophic Issues
3260	Psychology I
3370	Russian History
3250	Sociology
3010	Teen Leaders
3400	US Government
3311/3312	US History A
3301/3302	US History
3500	World Geography
3211/3212	World History A
3201/3202	World History
3950	Youth Court Service

Science

Click [here](#) for a detailed description of each course offering.

****Courses highlighted in yellow indicate qualifying required courses for MSBSD graduation requirements. Please note, required courses will vary depending on the student's learning route.*

84740	Adv Robotics
4580	Adv Sci Seminar
9071/9072	AF JROTC 2
9081/9082	AF JROTC 3
4550	AK Wildlife
4331/4332	Anatomy & Phys
4431/4432	AP Biology
4441/4442	AP Chemistry
84831/84832	AP Comp Sci Prin
4521/4522	AP Env Science
4621/4622	AP Physics I
4641/4642	AP Physics 2
4881/4882	AP Research-Science
4340	Astronomy
4281/4282	Aviation Sci
4350	Bacteriology
4201/4202	Biology
8424184242	Biomed Innov
4301/4302	Chemistry Comm
4321/4322	Chemistry
84050W	CNA
84750	Comp Robotics
4401/4402	Concept Physics
84311	Dental Assist. S1
84312	Dental Assist. S2
84300	Dental Assistant
0451/0452	DL Science 1
0453/0454	DL Science 2
0455/0456	DL Science 3
4111/4112	Earth Sci

4511/4512	Ecological St
4530	Ecology
84310	Emerg Medical Tech
85430W	Emerg Trauma Tech
4380	Equine Science
0421/0422	FD Biology
0427/0428	FD Earth Sci
0415/0416	FD Physical Sci
86460	Food Science
86450	Foods & Nutrition
4570	Forces Of Nature
4710	Forensics I
4720	Forensics 2
81140	Forest Hlth/Protect
81060	Forestry
4360	Genetics
4560	Geology
81020	Greenhouse Prod
4221/4222	Hon Biology
4121/4122	Hon Physical Sci
84221/84222	Human Body Sys
86910	Hydraulics/Diesel
4161/4162	IB Biology I
4171/4172	IB Biology 2
4601/4602	IB Chemistry I
4611/4612	IB Chemistry 2
4531/4532	IB Env Systems
4451/4452	IB Physics I
4631/4632	IB Physics 2/AP C

81170	Intro Agriculture
81050	Intro Animal Sci
81070	Intro Nat Resources
81010	Intro Plant Science
81040	Intro Vet Science
0431/0432	LS Science I
0433/0434	LS Science 2
84231/84232	Med Interventions
84121/84122W	Med Term AB SI
84500	Medical Assistant
4540	Oceanography
84081/84082	Pharmacy Tech
4101/4102	Physical Sci
4421/4422	Physics
84211/84212	Prin Biomed Sci
4261/4262	Principles Tech I
4271/4272	Principles Tech 2
86341	Process Tech I
86342W	Process Tech 2
84730	Robotics
4010V	Science FD I S1
4020V	Science FD I S2
4591/4592	Science Olympiad
9450	Tech Savvy
84400	Vet Assistant I
84410	Vet Assistant 2
81130W	Wildland Firefighting
4370	Zoology

Physical Education

Click [here](#) for a detailed description of each course offering.

It is highly recommended that a student be enrolled in only one period of Physical Education per semester.

****Courses highlighted in yellow indicate qualifying required courses for MSBSD graduation requirements. Please note, required courses will vary depending on the student's learning route.*

5310	Adv Cross Training	5210	Cross Train	5540	Outdoor Rec
5311/5312	Adv Cross Training	5211/5212	Cross Train	5541/5542	Outdoor Rec
5570	Adv Sports Act	5410	Dance 1	5560	Sports Activities
5571/5572	Adv Sports Act	5420	Dance 2	5561/5562	Sports Activities
5360	Adv Swimming	5221/5222	Fitness Act	5251/5252	Sports Condition
5361/5362	Adv Swimming	5220	Fitness Activities	5250	Sports Conditioning
5380	Adv Tumbling	5240	Fitness Management	5260	Swimming
5280	Adv Weight Training	5241/5242	Fitness Mgt	5261/5262	Swimming
5281/5282	Adv Wt Training	5230	Foundations PE	5370	Tumbling
5200	Aerobics	5231/5232	Foundations PE	5460	Water Activities
5201/5202	Aerobics	5520	Gymnastics	5461/5462	Water Activities
5500	Archery/Racket	5521/5522	Gymnastics	5270	Weight Training
5501/5502	Archery/Racket	5530	Indiv Sports	5271/5272	Weight Training
5131/5132	Athletic Trainer	5531/5532	Indiv Sports		
		0510	Lifetime Fitness		

Health

Click [here](#) for a detailed description of each course offering.

0521/0522	DL Health 1	0525/0526	DL Health 3	5100	Health Ed
0523/0524	DL Health 2	0527/0528	DL Health 4		
		0515	FD Health		

World Language

Click [here](#) for a detailed description of each course offering.

6511/6512	Am Sign Lang I
6521/6522	Am Sign Lang 2
6651/6652	AP Chinese Lang
6151/6152	AP French Lang
6271/6272	AP Span Lang
CS6271	AP Span Lang SI
6611/6612	Chinese 1
6621/6622	Chinese 2
6631/6632	Chinese 3
6641/6642	Chinese 4
6111/6112	French 1
6121/6122	French 2

6131/6132	French 3
6141/6142	French 4
6811/6812	German 1
6821/6822	German 2
6161/6162	IB French 1
6171/6172	IB French 2
6801/6802	IB German AB
6361/6362	IB Japanese 1
6371/6372	IB Japanese 2
6261/6262	IB Spanish 1
6411/6412	Japanese 1
6421/6422	Japanese 2

6431/6432	Japanese 3
6441/6442	Japanese 4
6451/6452	Japanese 5
6311/6312	Russian 1
6321/6322	Russian 2
6331/6332	Russian 3
6341/6342	Russian 4
6211/6212	Spanish 1
6221/6222	Spanish 2
6231/6232	Spanish 3
6241/6242	Spanish 4
6251/6252	Spanish 5

Fine Arts

Click [here](#) for a detailed description of each course offering.

7110	2D Art Studio 1
7120	2D Art Studio 2
7130	2D Art Studio 3
7140	2D Art Studio 4
7100	2D Art Survey
7210	3D Art Studio 1
7220	3D Art Studio 2
7230	3D Art Studio 3
7240	3D Art Studio 4
7200	3D Art Survey
7280	Acting 1
7290	Acting 2
0711/0712	Adaptive Art
7713/7714	Adv Percussion
7500	Adv Photo As Art
7251/7252	AP Art History
7761/7762	AP Music Theory
7151/7152	AP Studio Art
7421/7422	Arts & Ideas

7641/7642	Chamber Ensm
7611/7612	Concert Band
7551/7552	Concert Choir
7360	Design Studio 1
7370	Design Studio 2
7350	Design Survey
7670	Guitar 1
7680	Guitar 2
7250	Hon Contemp Crafts
7731/7732	IB Adv Pfrm Ens 1
7831/7832	IB Adv Pfrm Ens 2
7431/7432	IB Arts&Ideas SL
7451/7452	IB Film 1
7441/7442	IB Film 2
7771/7772	IB Music 1
7781/7782	IB Music 2
7321/7322	IB Theater Art SL
7461/7462	IB Visual Art 1
7471/7472	IB Visual Art 2

7631/7632	Jazz/Stage Band
7690	Marching Band
7531/7532	Mens Chorus
7740	Music Survey
7741/7742	Music Survey
7730	Music Theory
7691/7692	Orchestra
7171	Painting 1
7172	Painting 2
7711/7712	Percussion Mthds
7661/7662	Perform Lab
7480	Photo As Art 1
7490	Photo As Art 2
7621/7622	Symph Band
7571/7572	Symphonic Choir
7300	Tech Theater
7541/7542	Treble Choir
7561/7562	Vocal Jazz Ens

Other

Click [here](#) for a detailed description of each course offering.

0675	Acad Assist S1
0676	Acad Assist S2
9930	Academic Decath
9731/9732	Academic Strat
9730	Academic Strategies
9650	Adv Human Relations
1570	Adv Lit Seminar
2500	Adv Mth Seminar
3440	Adv Soc Seminar
9091/9092	AF JROTC 4 Aero
9750	AK Wilderness Stdy
9761/9762	Army JROTC 1
9771/9772	Army JROTC 2
9781/9782	Army JROTC 3
9791/9792	Army JROTC 4
9191/9192	Aud Vis Tech
6561/6562	Braille/Vis Skill
9950	Career Mentorship
9965	Character Ed

9940	College Test Prep
1010	Comm Lab
1011/1012	Comm Lab
9960	Commun Service
0270	Consumer Ed
2301/2302	Consumer Math
1020	Dev Reading
0851/0852	DL Skills
9700	Drivers Ed
9970	Educational Travel
9881/9882	ELA Math
9871/9872	ELA Science
9861/9862	ELA Soc Studies
9967	Employ Orient
9891/9892	Eng Lang Acq 1
9901/9902	Eng Lang Acq 2
9911/9912	Eng Lang Acq 3
9921/9922	Eng Lang Acq 4
9630	FD Human Relations
9741/9742	Freshman Trans
9640	Human Relations
9740	Hunter Safety

9969	Integ Work Exp
9760	JROTC Summer Camp
83020	Keyboarding
9850	LA/Math Learn Path
1030	Lang Arts Strat
1033/1034	Lang Arts Strat 2
1031/1032	Lang Arts Strat
9966 (pend)	Learning Digitally
0831/0832	LS Basic
2030/2031/2032	Math Strategies 1
2033/2034	Math Strategies 2
2035/2036	Math Strategies 3
0160	Occ Knowledge
9711/9712	Peer Mentor
1081R/1082R	RD 180 Strat
9621/9622	Reconnect Youth
9963	Senior Transitions
9971/9972	Student Aide
0671/0672	Study Sk Lab
0771/0772	Work Study

Career & Technical Education

Click [here](#) for a detailed description of each course offering.

81160	911 Dispatch
83550W	A+ Microcomputer
83450	Adv Web Design
81100	Adv GIS/RS
84740	Adv Robotics
83110	Accounting 1
83120	Accounting 2
83130	Accounting 3
83140	Accounting 4
86731	Airframe Struct 1
86741	Airframe Struct 2
85230	Alaska Food /Culture
83561	AP Computer Sci A S1
83562	AP Computer Sci A S2
8483184 832	AP Comp Sci Prin
86050	Arch Draft 1
86060W	Arch Draft 2
86070	Arch Draft 3
86080W	Arch Draft 4
84061	Athletic Med S1
84062	Athletic Med S2
86511	Auto Tech 1 S1
86512	Auto Tech 1 S2
86520	Auto Tech 2
86521	Auto Tech 2 S1
86522	Auto Tech 2 S2
86550	Auto Braking Sys
86560W	Auto Elect Tech
86570	Auto Eng Perf Tech
86580	Auto Susp/Steering

86510	Auto Tech 1
86530W	Auto Tech 3
86531	Auto Tech 3 S1
86532W	Auto Tech 3 S2
86540W	Auto Tech 4
86541	Auto Tech 4 S1
86542W	Auto Tech 4 S2
8424184 242	Biomed Innov
83100	Business Law
83080	Business Skls Lab 1
83090	Business Skls Lab 2
86210	Cabinet/Woodwork 1
86220	Cabinet/Woodwork 2
86230	Cabinet/Woodwork 3
86240	Cabinet/Woodwork 4
86250	Cabinet/Woodwork 5
86260	Cabinet/Woodwork 6
85310	Child Care Careers
85040	Child Study
86421	Civil Eng/Arch S1
86422	Civil Eng/Arch S2
85340	Classroom Plan/Mgmnt
84050W	CNA
83150	Computerized Acct
84750	Comp Robotics
86131	Const Trades 1 S1
86132	Const Trades 1 S2
86141	Const Trades 2 S1

86142	Const Trades 2 S2
86133 86134	Const Trades A
86135 86136	Const Trades B
86143 86144	Const Trades C
86145 86143	Const Trades D
83420	Comp Technician 1
83480	Computer Sci Lab
83430	Computer Tech 2
85110	Creative Clothing 1
85120	Creative Clothing 2
85130	Creative Clothing 3
83400	CS Create
85160	Culinary Arts 1
85200	Culinary Arts 1/2
85170	Culinary Arts 2
85180	Culinary Arts 3
85201W	Culinary Arts 3/4
85190W	Culinary Arts 4
85030	Customer Service
89110	CWE Ag/Food/Nat Res
89610	CWE Arch/Const
89210	CWE Art/AV/Comm
89310	CWE Business Adm
89510	CWE Ed/Training
89320	CWE Finance
89520	CWE Gov/Pub Admin
89410	CWE Health Science
89330	CWE Hosp/Tourism
89530	CWE Human Serv
89340	CWE Info Tech

89540	CWE Law/Pub Safety
89620	CWE Manufact
89350	CWE Marketing
89630	CWE STEM
89640	CWE Transportation
84311	Dental Assist. S1
84312	Dental Assist. S2
84300	Dental Assistant
83200	Desktop Pub 1
83210	Desktop Pub 2
86431	Digital Electron S1
86432	Digital Electron S2
82110	Dig Media 1 S1
82120	Dig Media 1 S2
82131	Dig Media 2 S1
82132	Dig Media 2 S2
82141	Dig Media 3 S1
82142	Dig Media 3 S2
82151	Dig Media 4 S1
82152	Dig Media 4 S2
83470	E-Commerce Design
85330W	Ed Dev & Psych
83510	Electronics 1
83520	Electronics 2
81150	Emergency Mngmt
85430W	Emerg Trauma Tech
85432W	Emerg Trauma Tech
84310	EMT
83700	Entrepreneurship
89710	Firefighting Tech
86450	Foods & Nutrition
86460	Food Science

81140	Forest Hlth/Protect
81060	Forestry
81110	Geospatial Apps
81020	Greenhouse Prod
84020W	Health Occupations
86120	Housing Concepts
8422184 222	Human Body Sys
85020	Human Rel Workplace
86910	Hydraulics/Diesel
83410	Internet of Everything
84140	Ind Safety First Aid
86720	Int Aviation Tech
84010	Int Careers Hlth/Fit
84031	Int Fitness Prof S1
84032	Int Fitness Prof S2
85010	Int Human Services
86300	Int Small Eng/Weld I
82050	Interior Design
81170	Intro Agriculture
81050	Intro Animal Sci
86500	Intro Auto
83010	Intro Business
85000	Intro Career Path
85300	Intro Careers Educ
86110	Intro Construction
86401/8 6402	Intro Eng Design S1/S2
81090	Intro GIS/RS
81070	Intro Nat Resources
86351	Intro OSHA
86352W	Intro OSHA
84070W	Intro Pharmacy

81010	Intro Plant Science
86200	Intro Process Tech
85161	Intro To Baking
81040	Intro Vet Science
85210	Justice 1
85220	Justice 2
83020	Keyboarding
81030	Landscape Design
85320	Leadership Dev
83311	Lodging Mgmt 1 S1
83312	Lodging Mgmt 1 S2
83321	Lodging Mgmt 2 S1
83322	Lodging Mgmt 2 S2
86670	Logistics 1
86680	Logistics 2
86590	Marine Mech 1
86600	Marine Mech 2
83710	Marketing
84500	Medical Assistant
84111	Medical Coding/Bill S1
84112	Medical Coding/Bill S2
8423184 232	Med Interventions
84130	Medical Office Pro
84100	Medical Math
84121/84 122W	Med Term AB S1
83720	Merchandising
83600	Network
83610W	Networking 1
83620W	Networking 2
83630W	Networking 3
83250W	Personal Finance
86411/86 412	Prin Engineering
84041	Occ Therapy Ast S1

84042	Occ Therapy Ast S2
86651	Otdr Pwr Eq 1 S1
86652	Otdr Pwr Eq 1 S2
86661	Otdr Pwr Eq 2 S1
86662	Otdr Pwr Eq 2 S2
8408184 082	Pharmacy Tech
82040	Photography
84091	Phys Exercise/Fit S1
84092	Phys Exercise/Fit S2
84211 842121	Prin Biomed Sci
85420	Prin Emerg Serv
86341	Process Tech 1
86342W	Process Tech 2
86711	Prv Pilot Ground S1
86712	Prv Pilot Ground S2
84730	Robotics
86610	Small Eng 1
86620	Small Eng 2
86441	3D Solid Modeling S1

86442	3D Solid Modeling S2
81120	Spatial Env Model
83300	START
85140	Survey Home Econ 1
85150	Survey Home Econ 2
86150	Surveying 1
86160	Surveying 2
83030	Tech Apps 1
83040W	Tech Apps 2
83050W	Tech Apps 3
86010	Tech Draft 1
86020W	Tech Draft 2
86030	Tech Draft 3
86040W	Tech Draft 4
86090	Technical Math
85350	The Prof Teacher
83330	Tourism 1
83340	Tourism 2
84400	Vet Assistant 1
84410	Vet Assistant 2
83460	Web Site Manager

83440	Web Page Authoring
86311	Weld Tech 1 S1
86312W	Weld Tech 1 S2
86321	Weld Tech 2 S1
86322W	Weld Tech 2 S2
86313	Weld Tech A
86314	
86315 86316W	Weld Tech B
86323 86324	Weld Tech C
86325 86326W	Weld Tech D
84320	Wilderness First Aid
84331	Wildrns Fst Resp S1
84332	Wildrns Fst Resp S2
81130W	Wildland Firefighting
89941 89942	Yearbook/Prj Mgmt

Counseling Forms

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[Integrated Work Experience Approval Form](#)
[PE Other Credit Option](#)
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