DesMoines
PUBLIC SCHOOLS

High School
HYBRID & VIRTUAL Course Catalogs

2020-2021

BECOMING THE MODEL, NO MATTER THE MODE

As a district, we are planning for two modalities to best serve our students –100% virtual and hybrid. In the 100% Virtual Learning Model, teachers and students will be engaged in instruction through Canvas and virtual meeting platforms. This model includes attention to access, social emotional needs, engagement, and community partnerships. We have worked with our own teachers to develop online courses from our traditional High School Course Catalog that can be delivered in a fully virtual model.

In the Hybrid Model, students will attend school for in-person instruction on a rotating schedule in order to reduce the number of students in a building on a given day. When students are not in-person, they will be engaged in virtual learning. This model includes attention to access, social emotional needs, engagement, and community partnerships. In addition to all of the courses that can be offered in a fully virtual model, the catalog lists the courses that require a hands-on or lab component that can only occur in the hybrid model.

More information about the complete DMPS Return to Learn plan, including high school daily scheduling and safety measures, can be found on our website at https://www.dmschools.org/return-to-learn/ .

The courses listed in this catalog represent the entire selection offered across the district. Not all courses are available at every high school building. A variety of factors, including student interest, staffing, and space & equipment, determine which courses are offered and taught in which buildings. Students and families are encouraged to work with their school counselor to determine their academic plans while considering availability of courses in their home high school and their eligibility for educational programs.

When using this catalog to make your Online Registration Decision (OLR) please consider a few points:

- If you would like to take a class that is listed as Hybrid Only then you must select the Hybrid option during enrollment to attend your home school.
- If you would like to take a Central Campus class or a Central Academy class and then take the rest of your classes virtually then you would select Virtual for your OLR decision.
- This is a two-step process. The courses listed in this catalog are being created, however it does not mean that we guarantee to offer them. We will have our master schedule closer to completion in early August and then release the classes to students. Each school will be communicating with their community about what course offerings will be available in early August.
- If you have course specific questions please contact your home school for assistance.
- Central Campus courses are found on page 13. If you have Central Campus questions please contact CC.
- Central Academy courses are found on page 15. If you have questions for Central Academy call 515-242-8543.
- All classes listed under the Hybrid only labels will not be offered at Virtual Campus.

Updated 8/7/20

Visual Art

COURSES OFFERED IN FULLY VIRTUAL and HYBRID MODELS

Course Number	Course Name
ART101	Intro to 2D & 3D Art, S1
ART102	Intro to 2D & 3D Art, S2
ART105	Intro to Art History, S1
ART106	Intro to Art History, S2
ART141	Intro to Graphic Design, S1
ART142	Intro to Graphic Design, S2
ART221	Intro to Photography, S1
ART222	Intro to Photography, S2
ART225	Intermediate Photography, S1
ART226	Intermediate Photography, S2
ART201	Drawing & Painting II, S1
ART202	Drawing & Painting II, S2
ART503	AP Art History, S1
ART504	AP Art History, S2
ART301	Drawing & Painting III S1
ART302	Drawing & Painting III S2
ART501	AP Art Studio
ART403	Honors 2D Art, S1
ART404	Honors 2D Art, S2

CAREER & TECHNICAL EDUCATION

COURSES OFFERED IN FULLY VIRTUAL and HYBRID MODELS

Course Number	Course Name
BUS103	Intro to Business c
BUS105	General Business
BUS111	Beginning Computer Applications
BUS333	Computer Applications
FCS101	Personal Health & Development
FCS103	Child Development 1
FCS201	Health Relationships
FCS203	Child Development 2
FCS207	Housing Design
FCS213	Fashion Runway
CTE101	Future Ready
CTE301	Future Set
BUS314	Marketing/Enpr
BUS321	Business Law
TEC203	3D Mechanical Design & Development
TEC205	3D Arch. Design & Development
TEC501/TEC502	College Intro to Engn Dsgn (PLTW-IED) S1 & S2
TEC503/TEC504	College Intro to Engn (PLTW-POE) S1 & S2
TEC211	Intro to Woods 1
FCS107	Nutrition and Foods 1
TEC223	Graphic Design Fundamentals
TEC225	Graphic Design Technology

COURSES OFFERED IN HYBRID MODEL ONLY

Course Number	Course Name
FCS109	Nutrition and Foods 2
TEC213	Intro to Woods 2
TEC207	Metalworking Fundamentals
TEC209	Metal Technology
FCS113	Textile Construction -Sewing

Please see page 13 for course offerings at Central Campus.

ENGLISH LANGUAGE ARTS

COURSES OFFERED IN FULLY VIRTUAL and HYBRID MODELS

Course Number	Course Name

LA103	English I, S1
LA104	English I, S2
LA141	Modern Expression
LA205	English II, S1
LA206	English II, S2
LA303	Creative Writing 1
LA305	English III, S1
LA306	English III, S2
LA403	English IV, S1
LA404	English IV, S2
LA411	Creative Writing 2
LA415	Contemporary Lit (term 2)
LA417	Multi-Cultural Lit
LA419	Women in Lit
LA420	Expository Writing
LA409	Writing 12
LA501/LA502	AP Lang & Comp S1/S2
LA321/LA322	Newspaper
LA213	Journalism
LA503	AP Lit & Comp, S1
LA504	AP Lit & Comp, S2
LA323/324	Yearbook

MATH

COURSES OFFERED IN FULLY VIRTUAL and HYBRID MODELS

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Course Number	Course Name
MTH111	Algebra I, S1
MTH112	Algebra I, S2
MTH211	Geometry, S1
MTH212	Geometry, S2
MTH311	Algebra II, S1
MTH312	Algebra II, S2
MTH321	Intro to Stats
MTH323	Financial Math
MTH401	Pre Calc S1
MTH402	Pre Calc S2
MTH413	Intro to Trig
MTH923	ELL Math Foundations 1 S1 & S2
MTH925	ELL Math Foundations 2 S1 & S2
MTH501/MTH502	AP Calculus AB S1/S2
MTH551/MTH552	AP Statistics S1/S2
MTH9075	Algebra I 2YR S1
MTH9085	Algebra I 2YR S2
MTH9095	Algebra I 2YR S3
MTH9015	Algebra I 2YR S4

SCIENCE

COURSES OFFERED IN FULLY VIRTUAL and HYBRID MODELS

Course Number	Course Name
SCI201	Environmental Sci, S1
SCI202	Environmental Sci, S2
SCI203	Biology S1

SCI204	Biology S2
SCI205	Conceptual Physics, S1
SCI206	Conceptual Physics, S2
SCI207	Earth Science, S1
SCI208	Earth Science, S2
SCI301	Chemistry S1
SCI302	Chemistry S2
SCI311	Astronomy
SCI321	Science Research S1
SCI322	Science Research S2
SCI501/SCI502	AP Environmental Science S1/S2
SCI303	Forensic Science
SCI507/SCI508	AP Biology S1/S2
SCI309	Anatomy and Physiology
SCI525/526	AP Physics 1, S1/S2
	AP Chemistry

SOCIAL STUDIES

COURSES OFFERED IN FULLY VIRTUAL and HYBRID MODELS

Course Number	Course Name
SOC205	Psychology
SOC209	Sociology
SOC519	AP Psych S1
SOC520	AP Psych S2
SOC407	Personal Economics
SOC211	Iowa History

SOC121	History's Mysteries
SOC103	Modern US History S1
SOC104	Modern US History S2
SOC405	Government
SOC519	AP Human Geo S1
SOC520	AP Human Geo S2
SOC501	AP US History S1
SOC502	AP US History S2
SOC407	AP Government S1
SOC408	AP Government S2

PHYSICAL EDUCATION

COURSES OFFERED IN FULLY VIRTUAL and HYBRID MODELS

Course Number	Course Name
PHY101	Individual Fitness
PHY107	Contemporary Movement
PHY115	Fitness Walking
PHY131	Innovative Fitness
PHY147	Ind./Team Sports
PHY901	Contract PE
PHY227	Psych of Health and Fitness

COURSES OFFERED IN HYBRID MODEL ONLY

Course Number	Course Name
PHY109	Total Body Fitness & Cond

WORLD LANGUAGES

COURSES OFFERED IN FULLY VIRTUAL and HYBRID MODELS

Course Number	Course Name
WL111	Spanish I, S1
WL112	Spanish I, S2
WL211	Spanish II, S1
WL212	Spanish II, S2
WL311	Spanish III, S1
WL312	Spanish III, S2

WL515	AP Spanish IV, S1
WL516	AP Spanish IV, S2
WL413	Heritage Spanish 1, S1
WL414	Heritage Spanish 1, S2
WL417	Heritage Spanish 2, S1
WL418	Heritage Spanish 2, S2
WL331	Chinese III Semester 1
WL332	Chinese III Semester 2
WL335	Chinese IV Semester 1
WL536	Chinese IV Semester 2

MUSIC & PERFORMING ARTS

COURSES OFFERED IN FULLY VIRTUAL and HYBRID MODELS

Course Number	Course Name
MUS153	Music Theory
MUS501/502	AP Music Theory
DRM129/130	Intro to Theatre Arts S1 & S2
ORC101	Orchestra S1
ORC102	Orchestra S2
BND101	Band S1
BND102	Band S2
VOC101	Concert Choir S1
VOC102	Concert Choir S2
DRM229/DRM230	Intermediate Theatre Arts S1/S2
DRM329/DRM330	Advanced Theatre Arts S1/S2

MISCELLANEOUS COURSES

Course Number	Course Name
MIS395/MIS396	I JAG 11 S1/S2
MIS495/MIS496	I JAG 12 S1/S2
MIS169	ROTC
MIS295/296	I JAG 10 S1/ S2
MIS195/196	I JAG 9 S1/ S2
MIS161/162	College & Career Readiness 9, S1/S2
MIS261/262	College & Career Readiness 10, S1/S2

MIS361/362	College & Career Readiness 11, S1/S2
MIS461/462	College & Career Readiness 12, S1/S2

ELL COURSES

COURSES OFFERED IN FULLY VIRTUAL and HYBRID MODELS

Course Number	Course Name
MIS 921	English Language Development I S1
MIS 922	English Language Development I S2
MIS 934	English Language Development II S1
MIS 935	English Language Development II S2
LA 923	English Language Development III S1
LA 924	English Language Development III S2
LA 925	English Language Development IV S1
LA926	English Language Development IV S2
LA 927	English Language Development V S1
LA 928	English Language Development V S2
LA 937	ELL Academic Skills
LA 911	ELA Foundations I Block 1 S1
LA 911	ELA Foundations I Block 2 S1
LA 912	ELA Foundations I Block I S2
LA 912	ELA Foundations I Block 2 S2
LA 913	ELA Foundations II Block I S1
LA 913	ELA Foundations II Block 2 S1
LA 914	ELA Foundations II Block 1 S2
LA 914	ELA Foundations II Block 2 S2
MIS 941	ELL Language of Science S1
MIS 942	ELL Language of Science S2
SCI 941	ELL Science II S1
SCI 942	ELL Science II S2

SPECIAL EDUCATION COURSES & SERVICES

Any self-contained special education course, except for instruction based on essential elements, will be taught using the general education curriculum. Special education teachers will be required to collaborate with general education teachers to ensure the appropriate accommodations and scaffolds are being utilized to provide students equitable access to grade level material. Please connect with your home high school for more information about services and special education courses.

English and Language Arts

Course Number	Course Name	Comments
LA121/122	Power English	Power English is a specially designed instruction course intended for students requiring direct instruction based on IEP goals. This course will not be built virtually. Due to the individualization of the content, special education teachers will provide direct service to students.

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Any self-contained ELA course, except for instruction based on essential elements, will be taught using the general education curriculum. Special education teachers will be required to collaborate with general education teachers to ensure the appropriate accommodations and scaffolds are being utilized to provide students equitable access to grade level material.

Math

Course Number	Course Name	Comments
MTH121, 122, 123, 124	Power Algebra	Power Math is a specially designed instruction course intended for students requiring direct instruction based on IEP goals. This course will not be built virtually. Due to the individualization of the content, special education teachers will provide direct service to students.
MTH9712/9715	Algebra Foundations II S1	
MTH9722/9725	Algebra Foundations III S1	
MTH9515-9687	Integrated Math (8 semesters)	

Skill Development Course

Course Number	Course Name	Comments
MIS9016 MIS9026	Learning Transitions	Learning Transitions is a specially designed instruction course intended for students requiring direct instruction based on IEP goals. This course could be used to provide specially designed instruction in multiple goal areas. This course will NOT be built virtually. Due to the individualization of the content, special education teachers will provide direct service to students.

Employability Skills Courses

Course Number	Course Name	Comments
MIS9032/9037 MIS9042/9047 MIS9052/9057 MIS9062/9067 MIS9072/9075 MIS9082/9087 MIS9092/9097 MIS9103	Career Transitions	
MIS9495,9505,9525,9535,9545	Job Training	

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MIS9555,9565,9575,9585,9595,9605	Work Experience	Specially designed instruction course intended for students requiring direct instruction based on IEP goals. **This course will not be built virtually.** Due to the individualization of the content, special education teachers will provide direct service to students.
MIS9664,9665,9667	Social Transitions	Specially designed instruction course intended for students requiring direct instruction based on IEP goals. **This course will not be built virtually**. Due to the individualization of the content, special education teachers will provide direct service to students.
MIS9673-9680	Career Transitions	
MIS9876	Pathways to Success	Specially designed instruction course intended for students requiring direct instruction based on IEP goals. **This course will not be built virtually**. Due to the individualization of the content, special education teachers will provide direct service to students.
FCS9553	Adult Living	

Other Academic Courses

All other self-contained academic courses, except for instruction based on essential elements, will be taught using the general education curriculum. Special education teachers will be required to collaborate with general education teachers to ensure the appropriate accommodations and scaffolds are being utilized to provide students equitable access to grade level material.

CENTRAL CAMPUS COURSES

VIRTUAL MODEL

The courses below will only be offered in a fully Virtual Model. Students DO NOT report to the building if they are taking one of these courses. These Virtual Model courses will utilize the DMPS Canvas platform for instructional delivery. Students will receive more information directly from the teachers of these courses in August.

Virtual Course Offerings

Virtual Course	Required time Online per week		Virtual Course	Required time Online per week
*CAD Technology	4.8 hours		*PLTW: Computer Int Manufacturing	3.75 hours
*Career Opportunities in Health	5.9 hours		* ROTC Army I & II	3.75 hours
*College Civil Engineering & Arch	3.75 hours		* ROTC Army III & IV	3.75 hours

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*Criminal Justice	3.75 hours		*ROTC Army V & VI	3.75 hours
*CyberSecurity I	7.5 hours		*ROTC Army VII & VIII	3.75 hours
*CyberSecurity II	7.5 hours		*Sports Officiating & Leadership	3.75 hours
*Dream to Teach I	3.75		*Urban Leadership 101	7.6 hours
*Game Design & Programming	3.75		*Urban Leadership 102	3.75 hours
*Methods of Physical Education	3.75		*Youth Voice for Equity	3.75 hours

HYBRID MODEL

The courses below will be offered in a Hybrid Model. All Hybrid course offerings will be offered for a full day or a half day, depending on the DMACC seat time required for students to earn dual credit (college credit).

Students electing to take a Hybrid course at Central Campus will report to the building one day a week (see schedule below). In addition, Hybrid courses will have supplemental instruction through the DMPS

Canvas platform. Students will receive more information directly from the teachers of these courses in August.

Hybrid Course Offerings with Time Course is Offered

Hybrid Course	Time at Central Campus	Required time Online per week		Hybrid Course	Time at Central Campus	Required time Online per week
*Adv Graphic Comm I	*AM & PM*	1.5 hours		****Commercial Photo II**	*AM & PM*	1.5 hours
*Adv Graphic Comm II	*AM & PM*	4.8 hours		*Culinary Arts I	*AM & PM*	4.8 hours
*Adv Graphic Comm III	*Ind Study*	1.5 hours		*Culinary Arts II	*AM & PM*	4.8 hours
*Advanced Nurse Aide	**ALL DAY**	5.9 hours		*Culinary Arts III	**ALL DAY**	5.9 hours
*Animal Science/Vet Careers	PM	1.5 hours		*Early Childhood Careers	**ALL DAY**	6 hours
*Animal Science	**ALL DAY**	6 hours		*Early Childhood Careers II	**All DAY**	6 hours
*Aquarium Science	*AM & PM*	4.8 hours		*Electricity	*PM*	1.5 hours
****Auto Collison**	**ALL DAY**	4.8 hours		*Fashion Design & Merch II	**ALL DAY**	5.9 hours
*Auto Collison II	**ALL DAY**	5.9 hours		****Fashion Design Merch I**	**ALL DAY**	4.8 hours
*Auto Technology II	**ALL DAY**	5.9 hours		****Intro to Automotive**	*AM & PM*	1.5 hours
*Auto Tech Fundamentals	**ALL DAY**	6 hours		*Intro to Aviation	*AM & PM*	1.5 hours
*Basic Nurse Aide	**ALL DAY**	6 hours		*Marine Biology	*AM & PM*	4.8 hours
*Broadcasting & Film	*AM & PM*	4.8hours		*Pilot Ground School	*AM & PM*	1.5 hours
*Broadcasting & Film II	*AM & PM*	4.8 hours		*Skilled Trades: Survey	*AM*	1.5 hours
Broadcasting & Film III	*AM & PM*	4.8 hours		*STA Plumbing & Mech Sys	*AM*	4.8 hours
*Carpentry I	*AM & PM*	4.8 hours		*Welding II	**ALL DAY**	5.9 hours
*Carpentry II	*AM & PM*	5.9 hours		**Welding I	*AM & PM*	4.8 hours
*Commercial Photo I	*AM & PM*	1.5 hours				

***These course offerings are limited to specific grade levels.*

CENTRAL ACADEMY COURSES

The Central Academy courses listed below will be delivered in a fully virtual format but will be accessible by students choosing to enroll in Virtual Campus or the hybrid model at their home high school.

Updated 8/7/20

COURSES OFFERED IN FULLY VIRTUAL FORMAT ONLY

Course Number	Course Name
ART105	Intro to Art History S1
ART237A	Artistic Inquiry& ExpressionS1
ART503	*AP Art: Art History S1
LA711	CA Prep Language Arts/Reading
LA251A	Acc Lang & Lit I S1
LA413A	Acc Lang & Lit II S1
LA451A	*Acc Lang & Lit III S1
LA531A	*Col Acc Lang & Comp ENG105
LA529A	*Col Acc Lit & Comp LIT101
MTH715P	Accel Math 1-2yr S3
MTH111A	Algebra I S1
MTH211A	Academy Geometry S1
MTH311A	Academy Algebra II S1
MTH401A	*Pre-Calculus S1
MTH501A	*AP Calculus AB S1
MTH503A	*AP Calculus BC S1
MTH551A	*AP Statistics S1
MTH407	Adv Math Problem Solving S1
SCI201	Environmental Science S1
SCI205A	Conceptual Physics S1
SCI357A	Accelerated Biology S1 (Accelerated Chemistry in S2)
SCI505	*AP Chemistry S1
SCI525A	*AP Physics 1 S1
SCI527A	*AP Physics 2 S1
SCI529	*AP Physics C S1
MIS431	*AP Seminar S1
MIS433	*AP Research S1
SOC213	*Accel AP Human Geo & Hist S1
SOC515A	*College AP World History S1
SOC521A	*College AP US History S1
SOC523A	*College AP European HistoryS1
SOC531A	*College Middle East & IslamS1
TEC551	*AP Computer Sci Principles S1
TEC557A	*AP Computer Science A S1
TEC453A	Computer Science II S1
WL181	Arabic I S1
WL281	Arabic II S1
WL381	Arabic III S1
WL481	Arabic IV S1
WL131	Chinese I S1
WL231	Chinese II S1

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WL331	Chinese III S1
WL335	*AP Chinese IV S1
WL103	French I S1
WL203	French II S1
WL303	French III S1
WL503A	*AP French IV S1
WL141	*German I S1
WL241	*German II S1
WL341	*German III S1
WL345	*German IV S1
WL151	*Italian I S1
WL251	*Italian II S1
WL351	*Italian III S1
WL355	*Italian IV S1
WL161	*Japanese I S1
WL261	*Japanese II S1
WL361	*Japanese III S1
WL365	*AP Japanese IV S1

CA COURSES OFFERED IN A HYBRID MODEL ONLY

The courses below will be offered in a Hybrid Model. All Hybrid course offerings will be offered for a half day during periods 1 and 2 with open studio time or space to work on other virtual classes available periods 3 and 4 on in-person studio days. Seating will be limited by grade level.

Students electing to take a Hybrid course at Central Academy will report to the building one day a week (Monday: 11th grade, Tuesday: 12th grade, Thursday: 9th grade, Friday: 10th grade.) In addition, Hybrid courses will have supplemental instruction through the DMPS Canvas platform. Students will receive more information directly from the teacher of these courses in August. All the courses will be offered twice, once in term 1 (August – October) and again in term 2 (November – January). Students may only take the class during one of the terms during first semester.

Course Number	Course Name
ART351A	Beginning Throwing S1
ART353A	Intermediate Throwing S1
ART451A	Advanced Throwing S1

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