



# Middle School COURSE CATALOG



## Hudtloff Middle School

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# General Information

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Successful completion of middle school occurs when a student meets the academic expectations of the required program. Students who experience difficulty in doing this may be assigned to Tutorial and/or placed in an academic support course that runs either during the school day, before or after school, or in the summer so that they can receive additional assistance and help in achieving academic success.

## Health Examination

A health examination is required of all students participating in interscholastic sports every two years.

## High School Credit for Courses Taken in Middle School

New Washington State legislation requires the Clover Park School District to automatically add any high school course taken at the middle school to students' transcripts. Those courses include Algebra and Geometry. The transcript will reflect the credit as well as the letter grade, and the letter grade earned while in middle school will become part of the student's official grade point average (GPA) for high school. According to state law, high school graduation credit for courses taken in 7th or 8th grade may be removed from the high school transcript upon request by the student and parent/guardian prior to the end of the 11th grade. Algebra and Geometry qualify under this provision. (RCW 28A.230.090)

Courses include:

Algebra I, Geometry, Washington State History, Spanish I, Spanish II and Heritage Spanish.

## Middle School Course Requirements

- Three years of Language Arts and Social Studies taken in 6th, 7th, and 8th grade.
- Three years of Mathematics taken in 6th, 7th and 8th grade.
- Three years of Science taken in 6th, 7th and 8th grade.
- Three semesters of Physical Education (one semester taken in 6th, 7th and 8th grade).

# Hudtloff Middle School Courses

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## Art Visual

### 6th Grade Art

Art (grade 6) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 6.

**Credits** 0.5

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

### 7th Grade Art

Art (grade 7) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 7.

**Credits** 0.5

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

### 8th Grade Art

Art (grade 8) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 8.

**Credits** 0.5

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

## Computer Information Science

### Animation & Game Design

Other Information Technology courses.

**Credits** 0.5

**Grades**

8

**Schools**

Hudtloff Middle School

### Animation & Game Design

Other Information Technology courses.

**Credits** 0.5

**Grades**

8

**Schools**

Hudtloff Middle School

### Digital Innovations

Keyboarding courses provide students with an introduction to the keyboard (letters, numbers, and symbols), basic machine operation, and proper keystroke technique. As students progress, they improve their speed and accuracy and produce increasingly complex documents. Such courses help students develop keyboard proficiency, document production skills, and problem-solving skills.

**Credits** 0.5

**Corequisites**

67008B-Digital Innovations

**Grades**

8

**Schools**

Hudtloff Middle School

### **Digital Innovations**

Keyboarding courses provide students with an introduction to the keyboard (letters, numbers, and symbols), basic machine operation, and proper keystroke technique. As students progress, they improve their speed and accuracy and produce increasingly complex documents. Such courses help students develop keyboard proficiency, document production skills, and problem-solving skills.

**Credits** 0.5

#### **Corequisites**

67008A-Digital Innovations

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

### **Digital Navigation**

Keyboarding courses provide students with an introduction to the keyboard (letters, numbers, and symbols), basic machine operation, and proper keystroke technique. As students progress, they improve their speed and accuracy and produce increasingly complex documents. Such courses help students develop keyboard proficiency, document production skills, and problem-solving skills.

**Credits** 0.5

#### **Grades**

7

#### **Schools**

Hudtloff Middle School

### **Digital Navigation**

Keyboarding courses provide students with an introduction to the keyboard (letters, numbers, and symbols), basic machine operation, and proper keystroke technique. As students progress, they improve their speed and accuracy and produce increasingly complex documents. Such courses help students develop keyboard proficiency, document production skills, and problem-solving skills.

**Credits** 0.5

#### **Grades**

7

#### **Schools**

Hudtloff Middle School

### **Web Design & Physical Comput**

Other Information Technology courses.

**Credits** 0.5

#### **Grades**

7

#### **Schools**

Hudtloff Middle School

### **Web Design & Physical Comput**

Other Information Technology courses.

**Credits** 0.5

#### **Grades**

7

#### **Schools**

Hudtloff Middle School

## English

### **6th Gr English Language Arts**

Language Arts (grade 6) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

**Credits** 0.5

#### **Corequisites**

20216B-6th Gr English Language Arts

#### **Grades**

6,7,8

#### **Schools**

Hudtloff Middle School

#### **One Semester**

Repeatable for credit

### **6th Gr English Language Arts**

Language Arts (grade 6) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

**Credits** 0.5

#### **Corequisites**

20216A-6th Gr English Language Arts

#### **Grades**

6,7,8

#### **Schools**

Hudtloff Middle School

#### **One Semester**

Repeatable for credit

**6th Gr Honors English Lang Arts**

Language Arts (grade 6) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

**Credits** 0.5**Corequisites**

20266B-6th Gr Honors English Lang Arts

**Grades**

6

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**6th Gr Honors English Lang Arts**

Language Arts (grade 6) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

**Credits** 0.5**Corequisites**

20266A-6th Gr Honors English Lang Arts

**Grades**

6

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**7th Gr English Language Arts**

Language Arts (grade 7) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7.

**Credits** 0.5**Corequisites**

20217B-7th Gr English Language Arts

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**7th Gr English Language Arts**

Language Arts (grade 7) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7.

**Credits** 0.5**Corequisites**

20217A-7th Gr English Language Arts

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**7th Gr Honors English Lang Arts**

Language Arts (grade 7) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7.

**Credits** 0.5**Corequisites**

20267B-7th Gr Honors English Lang Arts

**Grades**

7

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**7th Gr Honors English Lang Arts**

Language Arts (grade 7) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7.

**Credits** 0.5**Corequisites**

20267A-7th Gr Honors English Lang Arts

**Grades**

7

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

### **8th Gr English Language Arts**

Language Arts (grade 8) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

**Credits** 0.5

#### **Corequisites**

20218B-8th Gr English Language Arts

#### **Grades**

6,7,8

#### **Schools**

Hudtloff Middle School

#### **One Semester**

Repeatable for credit

### **8th Gr English Language Arts**

Language Arts (grade 8) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

**Credits** 0.5

#### **Corequisites**

20218A-8th Gr English Language Arts

#### **Grades**

6,7,8

#### **Schools**

Hudtloff Middle School

### **8th Gr Honors English Lang Arts**

Language Arts (grade 8) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

**Credits** 0.5

#### **Corequisites**

20268B-8th Gr Honors English Lang Arts

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

#### **One Semester**

Repeatable for credit

### **8th Gr Honors English Lang Arts**

Language Arts (grade 8) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

**Credits** 0.5

#### **Corequisites**

20268A-8th Gr Honors English Lang Arts

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

#### **One Semester**

Repeatable for credit

### **ELL Instruction for Beginners**

English as a Second Language (ESL) courses are designed for the acquisition and rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to 'regular' English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

**Credits** 0.5

#### **Corequisites**

25116B-ELL Instruction for Beginners

#### **Grades**

6

#### **Schools**

Hudtloff Middle School

#### **One Semester**

Repeatable for credit

**ELL Instruction for Beginners**

English as a Second Language (ESL) courses are designed for the acquisition and rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to 'regular' English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

**Credits** 0.5**Corequisites**

25116A-ELL Instruction for Beginners

**Grades**

6

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Eng Lang Arts Learning Strat A**

Reading-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Reading, early childhood education through grade 8.)]

**Credits** 0.5**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Functional ELA Academics**

Other Miscellaneous courses.

**Credits** 0.5**Corequisites**

20992B-Functional ELA Academics

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Functional ELA Academics**

Other Miscellaneous courses.

**Credits** 0.5**Corequisites**

20992A-Functional ELA Academics

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Targeted English 6**

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

**Credits** 0.5**Corequisites**

20281B-Targeted English 6

**Grades**

6

**Schools**

Hudtloff Middle School

**Targeted English 6**

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

**Credits** 0.5**Corequisites**

20281A-Targeted English 6

**Grades**

6

**Schools**

Hudtloff Middle School

### **Targeted English 7**

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

**Credits** 0.5

#### **Corequisites**

20282B-Targeted English 7

#### **Grades**

7

#### **Schools**

Hudtloff Middle School

### **Targeted English 7**

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

**Credits** 0.5

#### **Corequisites**

20282A-Targeted English 7

#### **Grades**

7

#### **Schools**

Hudtloff Middle School

### **Targeted English 8**

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

**Credits** 0.5

#### **Corequisites**

20283B-Targeted English 8

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

### **Targeted English 8**

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

**Credits** 0.5

#### **Corequisites**

20283A-Targeted English 8

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

## **Homeroom Advisory**

### **Advisory**

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

**Credits** 0

#### **Corequisites**

45600B-Advisory

#### **Grades**

6,7,8

#### **Schools**

Hudtloff Middle School

### **Advisory**

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

**Credits** 0

#### **Corequisites**

45600A-Advisory

#### **Grades**

6,7,8

#### **Schools**

Hudtloff Middle School

# Mathematics

## 6th Grade Compact Math Program

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general mathematics, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems.

**Credits** 0.5

### Corequisites

30456B-6th Grade Compact Math Program

### Grades

6

### Schools

Hudtloff Middle School

## 6th Grade Compact Math Program

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general mathematics, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems.

**Credits** 0.5

### Corequisites

30456A-6th Grade Compact Math Program

### Grades

6

### Schools

Hudtloff Middle School

## 7th Grade Compact Math Program

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general mathematics, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems.

**Credits** 0.5

### Corequisites

30457B-7th Grade Compact Math Program

### Grades

7

### Schools

Hudtloff Middle School

## 7th Grade Compact Math Program

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general mathematics, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems.

**Credits** 0.5

### Corequisites

30457A-7th Grade Compact Math Program

### Grades

7

### Schools

Hudtloff Middle School

## 7th Grade Honors Algebra

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data. Specific content depends upon state standards.

**Credits** 0.5

### Corequisites

30000B-7th Grade Honors Algebra

### Grades

7

### Schools

Hudtloff Middle School

## 7th Grade Honors Algebra

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data. Specific content depends upon state standards.

**Credits** 0.5

### Corequisites

30000A-7th Grade Honors Algebra

### Grades

7

### Schools

Hudtloff Middle School

### **8th Grade Algebra**

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data. Specific content depends upon state standards.

**Credits** 0.5

#### **Corequisites**

3ALG0B-8th Grade Algebra

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

#### **One Semester**

Repeatable for credit

### **8th Grade Algebra**

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data. Specific content depends upon state standards.

**Credits** 0.5

#### **Corequisites**

3ALG0A-8th Grade Algebra

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

#### **One Semester**

Repeatable for credit

### **8th Grade Honors Geometry**

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles, quadrilaterals, vertical angles, lines intersected by a transversal, etc.

**Credits** 0.5

#### **Corequisites**

3GEOMB-8th Grade Honors Geometry

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

### **8th Grade Honors Geometry**

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles, quadrilaterals, vertical angles, lines intersected by a transversal, etc.

**Credits** 0.5

#### **Corequisites**

3GEOMA-8th Grade Honors Geometry

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

### **8th Grade Pre-Algebra**

Pre-Algebra courses increase students' foundational mathematics skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

**Credits** 0.5

#### **Corequisites**

30008B-8th Grade Pre-Algebra

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

### **8th Grade Pre-Algebra**

Pre-Algebra courses increase students' foundational mathematics skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

**Credits** 0.5

#### **Corequisites**

30008A-8th Grade Pre-Algebra

#### **Grades**

8

#### **Schools**

Hudtloff Middle School

**Functional Math Academics**

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

**Credits** 0.5

**Corequisites**

30184B-Functional Math Academics

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Functional Math Academics**

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

**Credits** 0.5

**Corequisites**

30184A-Functional Math Academics

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Targeted Mathematics 6**

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

**Credits** 0.5

**Corequisites**

30181B-Targeted Mathematics 6

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Targeted Mathematics 6**

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

**Credits** 0.5

**Corequisites**

30181A-Targeted Mathematics 6

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Targeted Mathematics 7**

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

**Credits** 0.5

**Corequisites**

30182B-Targeted Mathematics 7

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Targeted Mathematics 7**

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

**Credits** 0.5

**Corequisites**

30182A-Targeted Mathematics 7

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

# Miscellaneous

## 7th Gr Coll Readiness AVID II

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the courses offer activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.

**Credits** 0.5

### Corequisites

61210B-7th Gr Coll Readiness AVID II

### Grades

7

### Schools

Hudtloff Middle School

## 7th Gr Coll Readiness AVID II

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the courses offer activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.

**Credits** 0.5

### Corequisites

61210A-7th Gr Coll Readiness AVID II

### Grades

7

### Schools

Hudtloff Middle School

## 8th Gr Coll Readiness AVID III

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the courses offer activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.

**Credits** 0.5

### Corequisites

61310B-8th Gr Coll Readiness AVID III

### Grades

8

### Schools

Hudtloff Middle School

## 8th Gr Coll Readiness AVID III

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the courses offer activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.

**Credits** 0.5

### Corequisites

61310A-8th Gr Coll Readiness AVID III

### Grades

8

### Schools

Hudtloff Middle School

## Academic Seminar

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

**Credits** 0.5

### Grades

6,7,8

### Schools

Hudtloff Middle School

## Academic Seminar

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

**Credits** 0.5

### Grades

6,7,8

### Schools

Hudtloff Middle School

## Excused

Other Miscellaneous courses.

**Credits** 0

### Grades

9,10,11,12

### Schools

Hudtloff Middle School

## Func Social Skils and Self-Mgmt

Other Miscellaneous courses.

**Credits** 0.5

### Grades

6,7,8

### Schools

Hudtloff Middle School

**Func Social Skils and Self-Mgmt**

Other Miscellaneous courses.

**Credits** 0.5

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Functional General Academics**

Other Miscellaneous courses.

**Credits** 0.5

**Corequisites**

81779B-Functional General Academics

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Functional General Academics**

Other Miscellaneous courses.

**Credits** 0.5

**Corequisites**

81779A-Functional General Academics

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Leadership**

Leadership courses are designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.

**Credits** 0.5

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Personal Management**

Other Miscellaneous courses.

**Credits** 0.5

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Personal Management**

Other Miscellaneous courses.

**Credits** 0.5

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Strategies for School Success**

Other Miscellaneous courses.

**Credits** 0.5

**Corequisites**

81778B-Strategies for School Success

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Strategies for School Success**

Other Miscellaneous courses.

**Credits** 0.5

**Corequisites**

81778A-Strategies for School Success

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Teacher Asst A**

Miscellaneous-Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students. Note: if the particular subject area is known, use the code associated with the Aide course within that subject area.

**Credits** 0.5

**Grades**

7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Teacher Asst B**

Miscellaneous-Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students. Note: if the particular subject area is known, use the code associated with the Aide course within that subject area.

**Credits** 0.5

**Grades**

7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

# Music

## Advanced Choir

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

**Credits** 0.5

### Corequisites

35618B-Advanced Choir

### Grades

6,7,8

### Schools

Hudtloff Middle School

### One Semester

Repeatable for credit

## Advanced Choir

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

**Credits** 0.5

### Corequisites

35618A-Advanced Choir

### Grades

6,7,8

### Schools

Hudtloff Middle School

### One Semester

Repeatable for credit

## Advanced Concert Band

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

**Credits** 0.5

### Corequisites

35018B-Advanced Concert Band

### Grades

8

### Schools

Hudtloff Middle School

### One Semester

Repeatable for credit

## Advanced Concert Band

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

**Credits** 0.5

### Corequisites

35018A-Advanced Concert Band

### Grades

8

### Schools

Hudtloff Middle School

### One Semester

Repeatable for credit

## Beginning Band

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

**Credits** 0.5

### Corequisites

35016B-Beginning Band

### Grades

6

### Schools

Hudtloff Middle School

### One Semester

Repeatable for credit

## Beginning Band

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

**Credits** 0.5

### Corequisites

35016A-Beginning Band

### Grades

6

### Schools

Hudtloff Middle School

### One Semester

Repeatable for credit

**Beginning Choir**

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

**Credits** 0.5

**Corequisites**

35616B-Beginning Choir

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Beginning Choir**

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

**Credits** 0.5

**Corequisites**

35616A-Beginning Choir

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Intermediate Band**

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

**Credits** 0.5

**Corequisites**

35017B-Intermediate Band

**Grades**

7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Intermediate Band**

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

**Credits** 0.5

**Corequisites**

35017A-Intermediate Band

**Grades**

7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Intermediate Choir**

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

**Credits** 0.5

**Corequisites**

35617B-Intermediate Choir

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**Intermediate Choir**

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

**Credits** 0.5

**Corequisites**

35617A-Intermediate Choir

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

### **Jazz Band**

Formerly known as Contemporary Band, Contemporary Instrumental Ensemble courses help students perform a variety of contemporary styles, such as traditional jazz, jazz improvisation, and rock. At the same time, these courses cultivate students' technique on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic. These ensembles emphasize instrumental music but may also include vocal music. Advanced coursework provides students with opportunities for growth through rehearsal and performance, improvisation, or creating and performing their own compositions.

**Credits** 0.5

**Grades**

7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

### **Music Appreciation**

Music Appreciation courses provide students with an understanding of music and its importance in their lives. Course content focuses on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom.

**Credits** 0.5

**Grades**

6,7,8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

## **Physical Education**

### **6th Grade Physical Education**

Physical Education (grade 6) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 6.

**Credits** 0.5

**Grades**

6

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

### **6th Grade Physical Education**

Physical Education (grade 6) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 6.

**Credits** 0.5

**Grades**

6

**Schools**

Hudtloff Middle School

### **7th Grade Physical Education**

Physical Education (grade 7) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 7.

**Credits** 0.5

**Grades**

7

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

### **7th Grade Physical Education**

Physical Education (grade 7) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 7.

**Credits** 0.5

**Grades**

7

**Schools**

Hudtloff Middle School

### **8th Grade Physical Education**

Physical Education (grade 8) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 8.

**Credits** 0.5

**Grades**

8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

### **8th Grade Physical Education**

Physical Education (grade 8) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 8.

**Credits** 0.5

**Grades**

8

**Schools**

Hudtloff Middle School

## **Science**

### **6th Grade Science**

Science (grade 6) courses typically include subject matter from several strands of science, including earth/space sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 6.

**Credits** 0.5

**Corequisites**

40706B-6th Grade Science

**Grades**

6

**Schools**

Hudtloff Middle School

### **6th Grade Science**

Science (grade 6) courses typically include subject matter from several strands of science, including earth/space sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 6.

**Credits** 0.5

**Corequisites**

40706A-6th Grade Science

**Grades**

6

**Schools**

Hudtloff Middle School

### **7th Grade Science**

Engineering Design and Development courses provide students with the opportunity to apply engineering research principles as they design and construct a solution to an engineering problem. Students typically develop and test solutions using computer simulations or models but eventually create a working prototype as part of the design solution.

**Credits** 0.5

**Corequisites**

40771B-7th Grade Science

**Grades**

7

**Schools**

Hudtloff Middle School

### **7th Grade Science**

Science (grade 7) courses build on previous years of scientific inquiry and typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 7.

**Credits** 0.5

**Corequisites**

40771A-7th Grade Science

**Grades**

7

**Schools**

Hudtloff Middle School

### **8th Grade Science**

Engineering Design and Development courses provide students with the opportunity to apply engineering research principles as they design and construct a solution to an engineering problem. Students typically develop and test solutions using computer simulations or models but eventually create a working prototype as part of the design solution.

**Credits** 0.5

**Corequisites**

40788B-8th Grade Science

**Grades**

8

**Schools**

Hudtloff Middle School

### **8th Grade Science**

Science (grade 8) courses typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 8.

**Credits** 0.5

**Corequisites**

40788A-8th Grade Science

**Grades**

8

**Schools**

Hudtloff Middle School

## **Social Sciences and History**

### **6th Gr SS: Ancient/Medvl Wrld**

Social Studies (grade 6) courses provide a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. These courses often focus on the history, culture, and government of various specific world societies. Typically, students develop skills used in the social studies disciplines. Specific content depends upon state standards for grade 6.

**Credits** 0.5

**Corequisites**

45666B-6th Gr SS: Ancient/Medvl Wrld

**Grades**

6

**Schools**

Hudtloff Middle School

### **6th Gr SS: Ancient/Medvl Wrld**

Social Studies (grade 6) courses provide a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. These courses often focus on the history, culture, and government of various specific world societies. Typically, students develop skills used in the social studies disciplines. Specific content depends upon state standards for grade 6.

**Credits** 0.5

**Corequisites**

45666A-6th Gr SS: Ancient/Medvl Wrld

**Grades**

6

**Schools**

Hudtloff Middle School

**7th Gr SS: Washington St Hist**

Social Studies (grade 7) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for grade 7.

**Credits** 0.5**Corequisites**

45777B-7th Gr SS: Washington St Hist

**Grades**

7

**Schools**

Hudtloff Middle School

**7th Gr SS: Washington St Hist**

Social Studies (grade 7) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for grade 7.

**Credits** 0.5**Corequisites**

45777A-7th Gr SS: Washington St Hist

**Grades**

7

**Schools**

Hudtloff Middle School

**8th Gr SS: US Hist -Discv Past**

U.S. History-Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

**Credits** 0.5**Corequisites**

45418B-8th Gr SS: US Hist -Discv Past

**Grades**

8

**Schools**

Hudtloff Middle School

**8th Gr SS: US Hist -Discv Past**

U.S. History-Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

**Credits** 0.5**Corequisites**

45418A-8th Gr SS: US Hist -Discv Past

**Grades**

8

**Schools**

Hudtloff Middle School

# Technology Ed

**Information Technology**

Computer and Information Technology courses teach students to operate and use computer and information technology, emphasizing their role as tools to communicate more effectively, conduct research more efficiently, and increase productivity. Course content includes the legal and ethical issues involved with computer technology and use.

**Credits** 0.5**Grades**

6

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Information Technology**

Computer and Information Technology courses teach students to operate and use computer and information technology, emphasizing their role as tools to communicate more effectively, conduct research more efficiently, and increase productivity. Course content includes the legal and ethical issues involved with computer technology and use.

**Credits** 0.5**Grades**

6

**Schools**

Hudtloff Middle School

**Medical Detectives**

Engineering Design and Development courses provide students with the opportunity to apply engineering research principles as they design and construct a solution to an engineering problem. Students typically develop and test solutions using computer simulations or models but eventually create a working prototype as part of the design solution.

**Credits** 0.5**Grades**

8

**Schools**

Hudtloff Middle School

**Robotics I**

Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. Course topics may include principles of mechanics, electronics, hydraulics, pneumatics, programmable logic controllers. These courses may emphasize the use of engineering principles to design and build robots, construct and connect sensors, and program robots in the programming language.

**Credits** 0.5**Grades**

7

**Schools**

Hudtloff Middle School

**Robotics I**

Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. Course topics may include principles of mechanics, electronics, hydraulics, pneumatics, programmable logic controllers. These courses may emphasize the use of engineering principles to design and build robots, construct and connect sensors, and program robots in the programming language.

**Credits** 0.5**Grades**

7

**Schools**

Hudtloff Middle School

**Robotics II**

Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. Course topics may include principles of mechanics, electronics, hydraulics, pneumatics, programmable logic controllers. These courses may emphasize the use of engineering principles to design and build robots, construct and connect sensors, and program robots in the programming language.

**Credits** 0.5**Grades**

8

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Robotics II**

Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. Course topics may include principles of mechanics, electronics, hydraulics, pneumatics, programmable logic controllers. These courses may emphasize the use of engineering principles to design and build robots, construct and connect sensors, and program robots in the programming language.

**Credits** 0.5**Grades**

8

**Schools**

Hudtloff Middle School

**Stem Tech I**

Other Engineering and Technology courses.

**Credits** 0.5**Grades**

7

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Stem Tech I**

Other Engineering and Technology courses.

**Credits** 0.5**Grades**

7

**Schools**

Hudtloff Middle School

**One Semester**

Repeatable for credit

**Stem Tech II**

Other Engineering and Technology courses.

**Credits** 0.5**Grades**

8

**Schools**

Hudtloff Middle School

**Stem Tech II**

Other Engineering and Technology courses.

**Credits** 0.5**Grades**

8

**Schools**

Hudtloff Middle School