



# **Carroll Springs Special Education Course Offerings**

## **SPECIAL EDUCATION COURSE OFFERINGS**

The following elementary courses are designed to facilitate alternate academic learning outcomes linked to the Maryland College and Career Ready State Standards appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). Students access the general education curricula, modified and adapted to meet IEP requirements. All students in these courses must have a current Individualized Education Program (IEP) in compliance with Special Education mandates and procedures and participate in an alternate assessment.

# **ELEMENTARY AND MIDDLE**

# READING

## **Literacy Kindergarten – LFI**

**Course # 0500AK**

*Prerequisites:* IEP and Instruction based on Alternate Academic Learning Outcomes

Students are provided access to strategies for comprehension of literature and information texts. Letters are identified along with the sounds they make. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **Reading 1 – LFI**

**Course # 0500A1**

*Prerequisites:* IEP and Instruction based on Alternate Academic Learning Outcomes

Students are provided access to a variety of leveled texts across genres and text types. Letters are identified along with the sounds they make. Students are also provided access to the Maryland College and Career-Ready Standards in the area of Foundational Skills to include phonemic awareness and phonics. Reading strategies are reinforced to aid in comprehension. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **Reading 2 – LFI**

**Course # 0500A2**

*Prerequisites:* IEP and Instruction based on Alternate Academic Learning Outcomes

Students are provided access to a variety of leveled texts across genres and text types. Students are also provided access to the Maryland College and Career-Ready Standards in the area of Foundational Skills to include phonemic awareness and phonics. Reading strategies are reinforced to aid in comprehension. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **Reading 3 – LFI**

**Course # 0500A3**

*Prerequisites:* IEP and Participation in an Alternate Assessment

Students are provided access to a variety of leveled texts across genres and text types. Students are also provided access to the Maryland College and Career-Ready Standards in the area of Foundational Skills to include phonemic awareness and phonics. Reading strategies are reinforced to aid in comprehension. Students analyze the key ideas and details, and integration of knowledge and ideas in a wide range of literature and informational texts. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **Reading 4 – LFI**

**Course # 0500A4**

*Prerequisites:* IEP and Participation in an Alternate Assessment

Students are provided access to a variety of leveled texts across genres and text types. Students are also provided access to the Maryland College and Career-Ready Standards in the area of Foundational

Skills to include phonemic awareness and phonics. Reading strategies are reinforced to aid in comprehension. Students analyze the key ideas and details, and integration of knowledge and ideas in a wide range of literature and informational texts. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

### **Reading 5 – LFI**

**Course # 0500A5**

*Prerequisites: IEP and Participation in an Alternate Assessment*

Students are provided access to a variety of leveled texts across genres and text types. Students are also provided access to the Maryland College and Career-Ready Standards in the area of Foundational Skills to include phonemic awareness and phonics. Reading strategies are reinforced to aid in comprehension. Students analyze the key ideas and details, and integration of knowledge and ideas in a wide range of literature and informational texts. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

### **Reading/English Language Arts 6 – LFI**

**Course # 908360**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course provides student access to the Maryland College and Career-Ready Standards in the areas of for reading, writing, listening, and speaking. Reading and writing instruction focuses on literary and informational text as well as generalizing skills in real world applications. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

### **Reading/English Language Arts 7 – LFI**

**Course # 908370**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course provides student access to the Maryland College and Career-Ready Standards in the areas of for reading, writing, listening, and speaking. Reading and writing instruction focuses on literary and informational text as well as generalizing skills in real world applications. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

### **Reading/English Language Arts 8 – LFI**

**Course # 908380**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course provides student access to the Maryland College and Career-Ready Standards in the areas of for reading, writing, listening, and speaking. Reading and writing instruction focuses on literary and informational text as well as generalizing skills in real world applications. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

# SCIENCE

## Science K – LFI

## Course # 1500AK

*Prerequisites:* IEP and Instruction based on Alternate Academic Learning Outcomes

Students are provided access to actively engage in learning to view the world scientifically. Teachers will ask questions about nature and students will collect things, count and measure things, observe, and classify using pictures, oral or written language. Students have multiple experiences applying and practicing science skills and processes in life, earth, and physical sciences aligned to the Next Generation of Science Standards (NGSS). This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## Science 1 – LFI

## Course # 1500A1

*Prerequisites:* IEP and Instruction based on Alternate Academic Learning Outcomes

Students are provided access to understand the view of the world scientifically. Teachers will ask questions about nature and students will collect things, count and measure things, observe, classify, organize collections, and discuss findings using simple diagrams, pictures, oral or written language. Students have multiple experiences applying and practicing science skills and processes in life, earth, and physical sciences aligned to the Next Generation of Science Standards (NGSS). This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## Science 2 – LFI

## Course # 1500A2

*Prerequisites:* IEP and Instruction based on Alternate Academic Learning Outcomes

Students are provided access to understand the view of the world scientifically. Teachers will ask questions about nature and students will collect things, count and measure things, observe, classify, organize collections, and discuss findings using simple diagrams, pictures, oral or written language. Students have multiple experiences applying and practicing science skills and processes in life, earth, and physical sciences aligned to the Next Generation of Science Standards (NGSS). This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## Science 3 – LFI

## Course # 1500A3

*Prerequisites:* IEP and Participation in an Alternate Assessment

Students are provided access to discover more about their surroundings while conducting simple investigations with the teacher. With assistance, students observe carefully, measure things with increasing accuracy, record data in science notebooks and communicate their results in charts and simple graphs. Students have multiple experiences applying and practicing science skills and processes in life, earth, and physical sciences aligned to the Next Generation of Science Standards (NGSS). This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This

course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

### **Science 4 – LFI**

**Course # 1500A4**

*Prerequisites:* IEP and Participation in an Alternate Assessment

Students are provided access to understand more about their surroundings while conducting simple investigations with the teacher. With assistance, students observe carefully, measure things with more accuracy, record data in science notebooks and communicate their results in charts and simple graphs. Students have multiple experiences applying and practicing science skills and processes in life, earth, and physical sciences aligned to the Next Generation of Science Standards (NGSS). This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

### **Science 5 – LFI**

**Course # 1500A5**

*Prerequisites:* IEP and Participation in an Alternate Assessment

Students are provided access to build on the discoveries about their surroundings while conducting simple investigations with the teacher. With assistance, students observe carefully, measure things with accuracy, record data in science notebooks and communicate their results in charts and simple graphs. Students have multiple experiences applying and practicing science skills and processes in life, earth, and physical sciences aligned to the Next Generation of Science Standards (NGSS). This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

### **Science 6 – LFI**

**Course # 158360**

*Prerequisites:* IEP and Participation in an Alternate Assessment

This course focuses on science investigations. Students learn from hands-on activities, teacher demonstrations, cooperative learning, small group, and whole group experiences aligned to the Next Generation of Science Standards (NGSS). Students have multiple experiences applying and practicing science skills and processes in life, earth, and physical sciences. Instruction will be delivered in small instructional groupings for special needs intensive students. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

### **Science 7 – LFI**

**Course # 158370**

*Prerequisites:* IEP and Participation in an Alternate Assessment

This course focuses on inquiry based investigations. Students learn from hands-on activities, teacher demonstrations, cooperative learning, small group, and whole group experiences aligned to the Next Generation of Science Standards (NGSS). Students have multiple experiences applying and practicing science skills and processes in life, earth, and physical sciences. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education

curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

### **Science 8 – LFI**

**Course # 158380**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course focuses on systematic inquiry-based investigations which may last for several days. Students learn from hands-on activities, teacher demonstrations, cooperative learning, small group, and whole group experiences aligned to the Next Generation of Science Standards (NGSS). Students have multiple experiences applying and practicing science skills and processes in life, earth, and physical sciences as well as an introduction to high school science skills. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **MATHEMATICS**

### **Mathematics Kindergarten – LFI**

**Course # 2000AK**

*Prerequisites: IEP and Instruction based on Alternate Academic Learning Outcomes*

Students are provided access to instruction that promotes mathematical processes/thinking, as detailed in the Common Core Standards for Mathematical Practice as well as content standards for numeration, algebra, geometry, measurement, and data are taught. Skills and concepts will include but are not limited to representing, comparing, and ordering whole numbers and joining and separating sets; describing shapes and space; and ordering objects by measurable attributes. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

### **Mathematics 1 – LFI**

**Course # 2000A1**

*Prerequisites: IEP and Instruction based on Alternate Academic Learning Outcomes*

Students are provided access to instruction that promotes mathematical processes/thinking, as detailed in the Common Core Standards for Mathematical Practice as well as content standards for numeration, algebra, geometry, measurement, and data are taught. Skills and concepts will include but are not limited to developing understandings of addition and subtraction and strategies for basic addition facts and related subtraction facts, developing an understanding of whole number relationships and place value, including grouping in tens and ones, developing and understanding linear measurement, and reasoning about attributes of, and composing and decomposing geometric shapes. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

**Mathematics 2 – LFI****Course # 2000A2**

*Prerequisites:* IEP and Instruction based on Alternate Academic Learning Outcomes

Students are provided access to instruction that promotes mathematical processes/thinking, as detailed in the Common Core Standards for Mathematical Practice as well as content standards for numeration, algebra, geometry, measurement, and data are taught. Skills and concepts will include but are not limited to understanding the base-ten numeration system, building fluency with addition and subtraction, using standard units of measure, and describing and analyzing shapes. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

**Mathematics 3 – LFI****Course # 2000A3**

*Prerequisites:* IEP and Participation in an Alternate Assessment

Students are provided access to instruction that promotes mathematical processes/thinking, as detailed in the Common Core Standards for Mathematical Practice as well as content standards for numeration, algebra, geometry, measurement, and data are taught as appropriate for the grade level. Skills and concepts will include but are not limited to developing an understanding of basic multiplication and division, fractions and unit fractions and related division facts, understanding the structure of rectangular arrays and describing properties of two-dimensional shapes. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

**Mathematics 4 – LFI****Course # 2000A4**

*Prerequisites:* IEP and Participation in an Alternate Assessment

Students are provided access to instruction that promote mathematical processes/thinking, as detailed in the Common Core Standards for Mathematical Practice as well as content standards for numeration, algebra, geometry, measurement, and data are taught as appropriate for the grade level. Skills and concepts will include but are not limited to developing understanding and fluency for multi-digit multiplication and division, developing an understanding of fraction equivalence, computing with fractions and analyzing geometric properties. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

**Mathematics 5 – LFI****Course # 2000A5**

*Prerequisites:* IEP and Participation in an Alternate Assessment

Students are provided access to instruction will promote mathematical processes/thinking, as detailed in the Common Core Standards for Mathematical Practice as well as content standards for numeration, algebra, geometry, measurement, and data are taught as appropriate for the grade level. Skills and concepts will include but are not limited to developing fluency with adding and subtracting fractions, developing an understanding of multiplication and division of fractions, extending computation to include decimal numbers, and developing an understanding of volume. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education



curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

**Math 6 – LFI**

**Course # 208360**

Prerequisites: IEP and Participation in an Alternate Assessment

This course is designed to provide students access to the mathematics standards to include multiplication, division, algebraic thinking and application of geometry in real-world mathematics situations. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

**Math 7 – LFI**

**Course # 208370**

Prerequisites: IEP and Participation in an Alternate Assessment

This course will expose students to mathematics standards to include number systems and operations, algebraic expressions and equations, geometrical figures, understanding of statistics and solving real-world mathematical problems. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

**Math 8 – LFI**

**Course # 208380**

Prerequisites: IEP and Participating in an Alternate State Assessment

This course will expose students to the understanding of rational numbers, proportional reasoning to lines and linear functions; understanding of statistics and probability. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified.

## **FINE ARTS AND FITNESS**

**Adapted Physical Education – LFI**

|                 |                       |                       |
|-----------------|-----------------------|-----------------------|
| <b>Course #</b> | <b>2500AK (Gr. K)</b> | <b>2500A1 (Gr. 1)</b> |
|                 | <b>2500A2 (Gr. 2)</b> | <b>2500A3 (Gr. 3)</b> |
|                 | <b>2500A4 (Gr. 4)</b> | <b>2500A5 (Gr. 5)</b> |

Prerequisites: IEP

The adapted physical education program is based on the Maryland Physical Education Content Standards delivered through adapted physical education services as documented in an individual student's IEP. The program components develop physically literate students in the acquisition of motor skills and movement patterns as well as the application of knowledge of concepts, principles, strategies and tactics related to movement and performance. Students will demonstrate their knowledge and skills in order to achieve and maintain a health-enhancing level of physical activity and fitness with the recognition of the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction. Students will be introduced to an array of components, themes, and activities which

address each of the content standards aligned to the grade level general education curriculum; however, the student will require a different scope and sequence, adapted and modified, instruction, materials and equipment.

**Adapted Physical Education – LFI**

**Course #    258360 (Gr. 6)    258370 (Gr. 7)  
                  258380 (Gr. 8)**

*Prerequisites: IEP*

The adapted physical education program is based on the Maryland Physical Education Content Standards delivered through adapted physical education services as documented in an individual student's IEP. The program components develop physically literate students in the acquisition of motor skills and movement patterns as well as the application of knowledge of concepts, principles, strategies and tactics related to movement and performance. Students will demonstrate their knowledge and skills in order to achieve and maintain a health-enhancing level of physical activity and fitness with the recognition of the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction. Students will be introduced to an array of components, themes, and activities which address each of the content standards aligned to the grade level general education curriculum; however, the student will require a different scope and sequence, adapted and modified, instruction, materials and equipment.

## **SPECIAL EDUCATION COURSE OFFERINGS**

The following high school courses are designed to facilitate alternate academic learning outcomes linked to the Maryland College and Career Ready State Standards appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). Students access the general education curricula, modified and adapted to meet IEP requirements. All students in these courses must have a current Individualized Education Program (IEP) in compliance with Special Education mandates and procedures and participate in an alternate assessment.

# **High Schools**

# English

## **English 9 – LFI**

**Course # 050100**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course is designed to provide students access to the development of strategies for reading comprehension, vocabulary, language usage skills, and writing skills. Students will learn the skills to identify and analyze fiction and non-fiction literary texts. Students will engage in reading, writing, speaking and listening activities with real world application. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **English 10 – LFI**

**Course # 050200**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course is designed to provide students access to the development of strategies for reading comprehension, vocabulary, language usage skills, and writing skills. Students will learn the skills to identify and analyze fiction and non-fiction literary texts. Students will engage in reading, writing, speaking and listening activities with real world application. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **English 11 – LFI**

**Course # 050300**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course is designed to provide students access to the development of strategies for reading comprehension, vocabulary, language usage skills, and writing skills. Students will learn the skills to identify and analyze fiction and non-fiction literary texts. Students will engage in reading, writing, speaking and listening activities with real world application. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **English 12 – LFI**

**Course # 050400**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course is designed to provide students access to the development of strategies for reading comprehension, vocabulary, language usage skills, and writing skills. Students will learn the skills to identify and analyze fiction and non-fiction literary texts. Students will engage in reading, writing, speaking and listening activities with real world application. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

# FINE ARTS AND FITNESS

**Adapted Physical Education – LFI      Course # 259100 (Gr.9)      259200 (Gr.10)**  
**259300 (Gr.11)      259400 (Gr.12)**

*Prerequisites: IEP*

The adapted physical education program is based on the Maryland Physical Education Content Standards delivered through adapted physical education services as documented in an individual student's IEP. The program components develop physically literate students in the acquisition of motor skills and movement patterns as well as the application of knowledge of concepts, principles, strategies and tactics related to movement and performance. Students will demonstrate their knowledge and skills in order to achieve and maintain a health-enhancing level of physical activity and fitness with the recognition of the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction. Students will be introduced to an array of components, themes, and activities which address each of the content standards aligned to the grade level general education curriculum; however, the student will require a different scope and sequence, adapted and modified, instruction, materials and equipment.

## MATHEMATICS

**Mathematics 9 – LFI      Course #200100**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course is designed to provide students access to the mathematics standards to include number and quantity, algebra, functions, geometry and statistics & probability in real-world mathematics situations. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

**Mathematics 10 – LFI      Course #200200**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course is designed to provide students access to the mathematics standards to include number and quantity, algebra, functions, geometry and statistics & probability in real-world mathematics situations. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

**Mathematics 11 – LFI      Course #200300**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course is designed to provide students access to the mathematics standards to include number and quantity, algebra, functions, geometry and statistics & probability in real-world mathematics situations. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This

course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **Mathematics 12 – LFI**

**Course # 200400**

*Prerequisites: Prerequisites: IEP and Instruction based on Alternate Academic Learning Outcomes*

This course is designed to provide students access to the mathematics standards to include number and quantity, algebra, functions, geometry and statistics & probability in real-world mathematics situations. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

# **Science**

## **Integrating the Sciences – LFI**

**Course # 150100**

*Prerequisites: IEP and Instruction based on Alternate Academic Learning Outcomes*

This course is designed to provide students access to the study of the basic topics in the four core disciplines of science - Physics, Earth Science, Chemistry, and Environmental Science. Major concepts studied include motion, forces, energy, electromagnetic radiation, earth's surface and interior, solar system, properties of matter, atomic structure, periodic table, chemical bonds, acids and bases, carbon chemistry, interactions of organisms, diversity of life and environmental issues of the world. Students will be engaged in inquiry based activities, making real world connections to mathematics, history, technology and society. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **Biology – LFI**

**Course # 150200**

*Prerequisites: IEP and Participation in an Alternate Assessment*

This course is designed to provide students access to how living things function, develop, and interact within their environments. Instruction is designed to promote student inquiry through conducting investigations. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.

## **Environmental Science – LFI**

**Course # 150300**

*Prerequisites: IEP and Instruction based on Alternate Academic Learning Outcomes*

This course is designed to provide students access in basic topics in Environmental Science. Students will investigate the natural environment and the interrelationships among natural systems including biodiversity and population dynamics. This course is designed to facilitate alternate academic learning outcomes appropriate to the instructional needs of the student, as documented in the Individualized Education Plan (IEP). This course is linked to the general education curriculum; however, the student will require a different scope and sequence, adapted and modified materials.