

**Camdenton R-III  
Request for Course Addition**

Course Number: Close to Algebra I

Course Title: Algebra Studies A and Algebra Studies B

District Department: Math

Graduation Department: Math

Request Effective Date: ASAP

**(Complete any of the following that apply)**

(Circle appropriate choice)

Abbreviated Title (20 character max)

Subject Type: Reg

Algebra Studies A and Algebra Studies B

Subject Term Type: Yr

.5 Credits per Semester

Weight: Reg

9 and 10 Grade Level for Curriculum

Honors: No

20 Preferred Class Size

Grade Level 9 To 11

Used for Grading

Used for Core GPA

Used for Core Scheduling

Used for HS Transcript

Used for Marking Attendance

**State Reporting:**

State Code

State Type Code

State Program Code

State Sequence Code

State Testing Method

Career-Ed Code

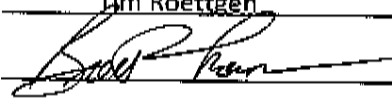
State Delivery Method

State Minutes Per Week

**Detailed Course Description (type below):**

See attached!

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Signatures: Tim Roettgen Counselor March 19, 2015 Date  
 Principal March 19, 2015 Date  
\_\_\_\_\_  
Superintendent \_\_\_\_\_ Date  
\_\_\_\_\_  
Board Approval \_\_\_\_\_ Date

Camdenton High School  
Mathematics Course Proposal  
January, 2015

**Rationale:** In an effort to provide more rigor while also recognizing that some students need extended time to master Algebra 1 standards, the following courses are being proposed to replace our current Pre-Algebra course.

### Course Descriptions\*

**Algebra Studies A [1 math credit]:** This year-long course continues to build the logical structure of the real number system and will focus on the critical areas needed to deepen and extend an understanding of linear relationships including, but not limited to, the following: equations, arithmetic sequences, inequalities, functions and graphing. The eight mathematical practices of the Missouri Learning Standards will be emphasized.

Open to incoming freshmen who performed poorly in 8<sup>th</sup> grade "Pre-Algebra" (D's or F's - possibly low C's) would be **PLACED** by coordination of high school counselor/math teachers as recommended by middle school counselors and math teacher.

Students who fail 1<sup>st</sup> semester Algebra 1 **COULD** be recommended for semester 2 Algebra A and move on to Algebra B the following year.

**Algebra Studies B [1 math credit]:** This year-long course is a continuation of Algebra standards focusing on systems of linear equations and non-linear relationships including, but not limited to, exponential and quadratic functions, and descriptive statistics. The eight mathematical practices of the Missouri Learning Standards will be emphasized. Students will take the Algebra 1 EOC upon successful completion of Algebra B.

Open to students who have passed Algebra A or failed Semester 2 of Algebra 1.

\*Since students are **PLACED** in these courses, the descriptions will not appear in the pre-enrollment book.

**Camdenton R-III  
Request for Course Addition**

Course Number: Close to IB Physics Course Title: IB Physics HL

District Department: Science Graduation Department: Science

Request Effective Date: ASAP

**(Complete any of the following that apply)**

(Circle appropriate choice)

Abbreviated Title (20 character max)

Subject Type: Adv

IB Physics HL

Subject Term Type: Yr

.5 Credits per Semester

Weight: Adv

12 Grade Level for Curriculum

Honors: Yes No

10 Preferred Class Size

Grade Level 11 To 12

X Used for Grading

X Used for Core GPA

X Used for Core Scheduling

X Used for HS Transcript

X Used for Marking Attendance

**State Reporting:**

     State Code

     State Type Code

     State Program Code

     State Sequence Code

     State Testing Method

     Career-Ed Code

     State Delivery Method

     State Minutes Per Week

**Detailed Course Description (type below):**

IB Physics HL is an advanced extension of the IB Physics I and II courses.

Signatures: Tim Boettgen Counselor March 9, 2015      Date

*[Signature]* Principal March 9, 2015      Date

     Superintendent      Date

Board Approval      Date