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**TITLE 511 INDIANA STATE BOARD OF
EDUCATION**

Proposed Rule
LSA Document #02-177

DIGEST

Amends 511 IAC 6-7-6.5 to add integrated mathematics II and integrated mathematics III to the list of courses that count toward the academic honors diploma. Amends 511 IAC 6.1-5.1-5 to change the name of mathematical topics to integrated mathematics. Effective 30 days after filing with the secretary of state.

511 IAC 6-7-6.5
511 IAC 6.1-5.1-5

SECTION 1. 511 IAC 6-7-6.5 IS AMENDED TO READ AS FOLLOWS:

511 IAC 6-7-6.5 Academic honors diploma; additional course requirements

Authority: IC 20-1-1-6

Affected: IC 20-5-2-1.1

Sec. 6.5. (a) To be eligible for an academic honors diploma, a student must complete a minimum of forty-seven (47) high school credits. The following areas and courses are required:

- | | |
|------------------------------|----------------|
| (1) Language arts | 8 credits |
| (2) Social studies | 6 credits |
| (3) Mathematics | 8 credits |
| (4) Science | 6 credits |
| (5) Foreign language | 6 or 8 credits |
| (6) Fine arts | 2 credits |
| (7) Health and safety | 1 credit |
| (8) Basic physical education | 1 credit |

(b) In addition to the minimum course requirements prescribed in section 6 of this rule, courses counting toward an academic honors diploma are subject to the following requirements:

- (1) Language arts credits must include literature, composition, and speech.
- (2) In addition to required courses in government and United States history, social studies credits must include courses with a major emphasis on economics and geography or world history.
- (3) Mathematics credits must include:

(A) geometry ~~and algebra Level II~~ **or integrated mathematics II and integrated mathematics III**; and

(B) at least one (1) upper level mathematics course from those listed in ~~511 IAC 6.1-5.1-5(2)(I)~~ **511 IAC 6.1-5.1-5(2)(H)** through ~~511 IAC 6.1-5.1-5(2)(N)~~ **511 IAC 6.1-5.1-5(2)(M)** or a program of equal rigor. If a student has completed a junior high school curriculum that is equivalent to high school algebra ~~Level I~~ and is placed in high school algebra ~~Level II~~ **or a junior high curriculum that is equivalent to integrated mathematics I and is placed in high school integrated mathematics II**, that student must earn only six (6) high school mathematics credits.

- (4) Science credits must include:

(A) two (2) credits in biology;

(B) two (2) credits in chemistry, physics, or integrated chemistry-physics;

(C) two (2) additional credits from:

- (i) chemistry, physics, earth and space science, advanced biology, advanced chemistry, advanced environmental science, or advanced physics; or
 - (ii) a program of equal rigor.
- (5) Foreign language credits must include:
- (A) six (6) credits in one (1) language; or
 - (B) four (4) credits in one (1) language and four (4) in another.

If a student has completed a junior high school curriculum that is equivalent to a Level I high school foreign language and is placed in a Level II high school foreign language, that student must earn only four (4) credits in that language or two (2) credits in that language and four (4) credits in another foreign language.

(6) Only courses that have been approved by the department on recommendation of a review committee and in which a student has earned a grade of "C" or above may count toward an academic honors diploma. A student must have a grade point average of "B" or above.

(c) The school corporation shall note the awarding of an academic honors diploma on the student's grade transcript.

(d) The school corporation shall inform students, parents, and guardians of the availability of an academic honors diploma.
(Indiana State Board of Education; 511 IAC 6-7-6.5; filed Mar 24, 1987, 3:00 p.m.: 10 IR 1697; errata, 10 IR 2303; filed Oct 6, 1997, 5:20 p.m.: 21 IR 387; filed Sep 25, 1998, 4:50 p.m.: 22 IR 440)

SECTION 2. 511 IAC 6.1-5.1-5 IS AMENDED TO READ AS FOLLOWS:

511 IAC 6.1-5.1-5 Mathematics courses

Authority: IC 20-1-1-6; IC 20-1-1.2-18

Affected: IC 20-10.1

Sec. 5. The following courses may be offered in the mathematics area of study:

- (1) The following Level I courses:
 - (A) Mathematical problem solving.
 - (B) Prealgebra.
- (2) The following Level II-III courses:
 - (A) Algebra I.
 - (B) Algebra II.
 - (C) Geometry.
 - (D) Investigative geometry.
 - (E) Trigonometry.
 - (F) ~~Mathematical topics~~ **Integrated mathematics I.**
 - (G) ~~Mathematical topics~~ **Integrated mathematics II.**
 - (H) ~~Mathematical topics~~ **Integrated mathematics III.**
 - (I) Precalculus.
 - (J) Probability and statistics.
 - (K) Data analysis and probability.
 - (L) Discrete mathematics.
 - (M) Calculus.
 - (N) Mathematics, advanced placement or college credit.

(Indiana State Board of Education; 511 IAC 6.1-5.1-5; filed Nov 8, 1990, 3:05 p.m.: 14 IR 656; filed Aug 15, 1997, 8:50 a.m.: 21 IR 83, eff Jul 1, 1998; filed Nov 4, 1999, 10:08 a.m.: 23 IR 568, eff Jul 1, 2000)

Notice of Public Hearing

Under IC 4-22-2-24, notice is hereby given that on October 3, 2002 at 9:00 a.m., at the Department of Education, 151 West Ohio Street, James Whitcomb Riley Conference Room, Indianapolis, Indiana the Indiana State Board of Education will hold a public hearing on proposed amendments to add integrated mathematics II and integrated mathematics III to the list of courses that count toward the academic honors diploma and to change the name of mathematical topics to integrated mathematics. Copies of these rules are now on file at 229 State House and Legislative Services Agency,

One North Capitol, Suite 325, Indianapolis, Indiana and are open for public inspection.

Suellen Reed
Superintendent of Public Instruction
Indiana State Board of Education