

### Indiana CORE 40 Requirements – Class of 2016 and after

The education, business, labor, and government leaders of the State of Indiana have agreed on education expectations for Indiana high school students. These expectations are called the Indiana Core 40.

Students must meet the Core 40 standard to be considered for admission to an Indiana four-year college or university. Therefore, all college-bound students are advised to select from the following as a minimum preparation for college.

**English/Language Arts:** 8 credits in literature, composition, and speech

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> English 9-1  | <input type="checkbox"/> English 9-2  |
| <input type="checkbox"/> English 10-1 | <input type="checkbox"/> English 10-2 |
| <input type="checkbox"/> English 11-1 | <input type="checkbox"/> English 11-2 |
| <input type="checkbox"/> English 12-1 | <input type="checkbox"/> English 12-2 |

**Health/ Physical Education:** 3 credits

- PE
- PE
- Health and Wellness or 3 FACS courses (see page 26)

**Mathematics:** 6 credits must be earned after entering grade 9. Student must take a math or quantitative reasoning course each year of high school.

9. Student must take a math or quantitative reasoning course each year of high school.

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> Algebra I  | <input type="checkbox"/> Algebra I  |
| <input type="checkbox"/> Algebra II | <input type="checkbox"/> Algebra II |
| <input type="checkbox"/> Geometry   | <input type="checkbox"/> Geometry   |
- 2 additional credits recommended:
- |  |  |
|--|--|
| <input type="checkbox"/> Finite Math   | <input type="checkbox"/> Finite Math   |
| <input type="checkbox"/> AP Statistics | <input type="checkbox"/> AP Statistics |
| <input type="checkbox"/> Pre-Calculus  | <input type="checkbox"/> Pre-Calculus  |
| <input type="checkbox"/> AP Calculus   | <input type="checkbox"/> AP Calculus   |

**Elective Credits:** 14 credits

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**Science:** 6 credits in laboratory science from the following:

2 credits required:

- |                                    |                                    |
|------------------------------------|------------------------------------|
| <input type="checkbox"/> Biology I | <input type="checkbox"/> Biology I |
|------------------------------------|------------------------------------|

2 credits required:

- |   |   |
|---|---|
| <input type="checkbox"/> Chemistry I                  | <input type="checkbox"/> Chemistry I                  |
| <input type="checkbox"/> Physics I                    | <input type="checkbox"/> Physics I                    |
| <input type="checkbox"/> Integrated Chemistry-Physics | <input type="checkbox"/> Integrated Chemistry-Physics |

2 additional credits: any Core 40 science credit (see pages 43-45)

**End of Course Assessment Passed:**

- Mathematics (Algebra I)
- English/Language Arts (English 10)

**Social Studies:** 6 credits distributed as follows:

2 credits required:

- |   |   |
|---|---|
| <input type="checkbox"/> Geography and History of the World | <input type="checkbox"/> Geography and History of the World |
| <input type="checkbox"/> World History                      | <input type="checkbox"/> World History                      |

2 credits required:

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> US History | <input type="checkbox"/> US History |
|-------------------------------------|-------------------------------------|

2 credits required:

- |  |                                    |
|--|------------------------------------|
| <input type="checkbox"/> US Government | <input type="checkbox"/> Economics |
|--|------------------------------------|

**Total: 43 credits**

**CORE 40 with Technical Honors – Class of 2016 and after**

**In addition to completing courses for the CORE 40 (Worksheet 4) a student must also:**

\_\_\_ Complete 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:

1. Pathway designated industry-based certification or credential  
These are available through some C9 programs and Visual Basic, Java, and A+ certification
2. Pathway dual credits from the lists of priority courses resulting in 6 transcribed college credits

\_\_\_ Earn a "C-" or better in all required courses

\_\_\_ Graduate with a 3.0 GPA

\_\_\_ Complete **one** of the following:

- a. One of the following:
  - Four credits in two or more AP courses AND their corresponding exams
  - Six verifiable transcribed college credits in dual enrollment courses from priority course list
  - Two credits in AP course and its corresponding AP exam AND three college credits in dual enrollment courses
  - Score of 1750 or higher on the SAT with a minimum score of 530 on each section
  - ACT composite score of 26 or higher and complete the writing section
- b. Earn the following scores or higher on Work Keys; Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information – Level 5
- c. Earn the following minimum score(s) on Accuplacer: Writing – 80, Reading – 90, Math – 75
- d. Earn the following minimum score(s) on Compass: Algebra – 66, Writing – 70, Reading – 80

**Total Credits: 47**

*Career clusters represented by a career-technical program at Central-9 Career Center:*

- |   |  |
|---|--|
| Agriculture                             | Hospitality & Human Services                   |
| Manufacturing and Logistics             | Arts AV Technology and Communication           |
| Public Service                          | Business& Marketing and Information Technology |
| Transportation and Motor Sports Academy | Health Science                                 |

*Career pathways represented by programs at Franklin Central High School:*

**Business Department:** Business Administration, Web & Digital Communications, and Information Technology.  
**Tech Ed Department:** Engineering (Project Lead the Way)

## CORE 40 with Academic Honors Diploma – Class of 2016 and after

The Indiana State Board of Education has established an academic honors diploma which is intended to bring honor to those students who choose challenging courses and accumulate at least 47 credits in high school. To be eligible for an academic honors diploma, a student must have a grade point average of "B" (3.0) or above. No grade lower than a "C-" may count toward the diploma. Increased opportunity for acceptance to Indiana's four-year public colleges and universities results when students exceed the Core 40 requirements to attain the Indiana Academic Honors diploma – earning 47 credits with an overall GPA of 3.0 or higher, with no grade lower than a C- in the courses which count toward the diploma. If you earned lower than a C- in a course, you may not count that course toward the 47 credits for an Academic Honors Diploma. Other courses on this list may be substituted. If you complete the requirements for the Academic Honors Diploma and meet financial need guidelines, you can receive up to 100% of approved tuition and fees at eligible Indiana colleges and universities.

**English/Language Arts:** 9 credits from the following list to include literature, composition, and speech:

- |                                      |                                       |                                       |                                       |
|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> English 9-1 | <input type="checkbox"/> English 10-1 | <input type="checkbox"/> English 11-1 | <input type="checkbox"/> English 12-1 |
| <input type="checkbox"/> English 9-2 | <input type="checkbox"/> English 10-2 | <input type="checkbox"/> English 11-2 | <input type="checkbox"/> English 12-2 |
| <input type="checkbox"/> Speech      |                                       |                                       |                                       |

**Mathematics:** 8 credits from the following list to include Algebra I, Algebra II, Geometry, and one upper level course. Six credits must be earned after entering grade 9. Student must take a math or quantitative reasoning course each year of high school.

- |                                     |                                     |  |  |
|-------------------------------------|-------------------------------------|--|--|
| <input type="checkbox"/> Algebra I  | <input type="checkbox"/> Algebra I  | <input type="checkbox"/> Finite Math   | <input type="checkbox"/> Finite Math   |
| <input type="checkbox"/> Algebra II | <input type="checkbox"/> Algebra II | <input type="checkbox"/> AP Statistics | <input type="checkbox"/> AP Statistics |
| <input type="checkbox"/> Geometry   | <input type="checkbox"/> Geometry   | <input type="checkbox"/> Pre-Calculus  | <input type="checkbox"/> Pre-Calculus  |
|                                     |                                     | <input type="checkbox"/> AP Calculus   | <input type="checkbox"/> AP Calculus   |

**Science:** 6 credits in laboratory science from the following:

- 2 credits required:  
 Biology I  Biology I
- 2 credits required:  
 Chemistry I  Chemistry I  
 Physics I  Physics I  
 Integrated Chemistry-Physics  Integrated Chemistry-Physics
- 2 additional credits: any Core 40 science course (see pages 43-45)

**Social Studies:** 6 credits

- 2 credits required:  
 Geography & History of the World  Geography & History of the World  
 World History  World History
- 2 credits required:  
 US History  US History
- 2 credits required:  
 US Government  Economics

**World Language:** 6 credits from the following list in one language, or 4 credits in one language and 4 credits in another language:

- |  |   |
|--|---|
| <input type="checkbox"/> <input type="checkbox"/> French I, German I, or Spanish I       | <input type="checkbox"/> <input type="checkbox"/> |
| <input type="checkbox"/> <input type="checkbox"/> French II, German II, or Spanish II    | <input type="checkbox"/> <input type="checkbox"/> |
| <input type="checkbox"/> <input type="checkbox"/> French III, German III, or Spanish III |   |

**Fine Arts:** 2 credits in art, music, and other areas which encompass visual, performing, and creative modes of learning.

**Health/Physical Education:** 3 required credits

- PE  PE  Health and Wellness or 3 FACS courses (see page 26)

**End of Course Assessment Passed:**  Mathematics (Algebra I)  English/Language Arts (English 10)

For this diploma students must meet the criteria from Worksheet 3 as well as complete **one** of the following:

- a. Four credits in two or more AP courses AND their corresponding AP exams
- b. Six verifiable transcribed college credits in dual enrollment courses from priority course list
- c. Two credits in AP course and its corresponding AP exam AND three college credits in dual enrollment courses
- d. Score of 1750 or higher on the SAT with a minimum score of 530 on each section
- e. ACT composite score of 26 or higher and complete the writing section

### **Franklin Central Honors Diploma**

In addition to the requirements necessary to earn the CORE 40 with Academic Honors Diploma, students who earn a C- or above in a minimum of twelve credits in Advanced Placement, Pre-AP courses, or Honors (weighted courses listed below) will attain Franklin Central’s most prestigious diploma: ***The Franklin Central Honors Diploma.***

To achieve this diploma it is recommended that students take:

- one full year Pre-AP course in the freshman year
- one full year Pre-AP or Advanced Placement courses in the sophomore year
- two full year Advanced Placement or Pre-AP courses in the junior year
- two full year Advanced Placement or Pre-AP courses in the senior year

(this can vary depending on student strengths and goals, but must total twelve credits)

Earning this respected diploma demonstrates motivation and advanced academic skills and students will be able to indicate to colleges and potential employers that they completed the most rigorous course work as a student at Franklin Central High School.

List of twelve weighted courses:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

#### **Advanced Placement Business**

AP Computer Science

#### **Advanced Placement Language Arts**

English 9 Pre AP

English 10 Pre AP

AP English Language

AP English Literature

#### **Advanced Placement Mathematics**

Algebra II Pre AP

Geometry Pre AP

Pre-Calculus Pre AP

AP Statistics

AP Calculus AB

AP Calculus BC

#### **Advanced Placement Performing and Visual Arts**

AP Art History

AP Music Theory

AP Studio Drawing

AP Studio 2D Design

AP Studio 3D Design

#### **Advanced Placement Science**

Biology Pre AP

AP Biology

AP Chemistry

AP Environmental Science

AP Physics

#### **Advanced Placement/Honors Social Studies**

Geography and History of the World Pre AP

AP US History

AP US Government

AP Macro Economics

AP Psychology

AP World History

US Government Honors

#### **World Language**

French III & IV Honors

German III & IV Honors

Spanish III & IV Honors