# EVSC MEDICAL PROFESSIONS ACADEMY FOUR YEAR COURSE SEQUENCE

#### Freshman Year

MPA Courses at Central (morning) Principles of Biomedical Science (PLTW) English 9A or 9 Honors Biology Honors Digital Applications & Responsibility (CCC)

#### Sophomore Year

MPA Courses at Central (afternoon) Human Body Systems (PLTW) English 10A or 10 Honors (\*enroll same level as grade 9) Chemistry Honors Computer Illustrations & Graphics (CCC)

## Junior Year

MPA Courses at Central (morning) Medical Intervention (PLTW) with Medical Terminology (CCC) English Language (AP) (CCC) Psychology (AP) Advanced Biology (AP)

### Senior Year <u>MPA Courses at Central (afternoon)</u> MPA Research Internship English Literature (CCC) Physics 1 (CCC) Advanced Chemistry (AP) (CCC)

### Courses at Student's Home School Math US History World Language PE Credit (1 semester) Elective (1 semester)

<u>Courses at Student's Home School</u> Math Geography/History of World World Language Health (if needed)

<u>Courses at Student's Home School</u> Math World Language(if needed for Acad. Honors) Fine Arts Credits(if needed for Acad. Honors) PE Credit (if needed)

Courses at Student's Home School Math Government and Economics

#### PLTW = Project Lead The Way Biomedical Sciences Curriculum Courses

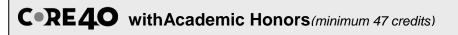
**CCC** = Concurrent College Credit is available through articulation agreements with the University of Southern Indiana and Ivy Tech Community College of Indiana. For the Indiana Academic Honors Diploma, students need at least six hours of college credit and the courses designated CCC provide the opportunity to earn college credit. Specific information about each course and its college equivalent is available from the teacher of the course.

## **CCC College Credit Partners**

<u>USI</u>: Physics I, Advanced/AP Chemistry, Medical Terminology, AP Language, Literature <u>Ivy Tech Community College</u>: Digital Applications & Responsibility, Computer Illustrations & Graphics

Students who complete the Medical Professions Academy have ample opportunity to earn the Indiana Academic Honors Diploma. *Students who complete the four-year progression of MPA will be waived the elective PE credit.* 

Students (Class of 2016 and beyond) seeking an Academic Honors Diploma will need to coordinate their schedule with their guidance counselor to ensure they plan for the two fine arts credits required for Academic Honors.



#### For the Core 40 with Academic Honors diploma, students must:

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages)
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following:
  - A. Earn 4 credits in 2 or more AP courses and take corresponding AP exams
  - B. Earn 6 verifiable transcripted college credits in dual credit courses from priority course list
  - C. Earn two of the following:
    - 1. A minimum of 3 verifiable transcripted college credits from the priority course list,
    - 2. 2 credits in AP courses and corresponding AP exams,
    - 3. 2 credits in IB standard level courses and corresponding IB exams.
  - D. Earn a combined score of 1750 or higher on the SAT critical reading, mathematics and writing sections and a minimum score of 530 on each
  - E. Earn an ACT composite score of 26 or higher and complete written section
  - F. Earn 4 credits in IB courses and take corresponding IB exams.



For the Core 40 with Technical Honors diploma, students in the Class of 2016 and beyond must:

- Complete all requirements for Core 40.
- Earn 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, or
  - 2. Pathway dual credits from the lists of priority courses resulting in 6 transcripted college credits
- Earn a grade of "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete <u>one</u> of the following,
  - A. Any one of the options (A F) of the Core 40 with Academic Honors
  - B. Earn the following scores or higher on WorkKeys; 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.