# 2020 RAI Core Course List

Admission of freshmen to the Iowa Regent universities is based on the Regent Admission Index (RAI) formula described below. In addition, applicants must meet the minimum high school course requirements for the university they wish to enter.

(3 x ACT composite score)
+ (30 x high school GPA)
+ (5 x number of years of high school core courses)

Regent Admission Index Score

*Note:* For purposes of calculating the RAI, SAT scores will be converted to ACT composite equivalents, 4.00 is the top value for GPA, and the number of high school core courses completed is expressed in terms of years or fractions of years (e.g., one semester equals 0.5 year). Applicants who do not possess all required factors will be evaluated on an individual basis by the Regent universities to which they apply.

Freshman applicants who achieve at least a 245 RAI score and who meet the minimum number of high school courses required by the Regent universities will qualify for automatic admission to any of the three Regent universities. Freshman applicants who achieve less than a 245 RAI score may also be admitted to a specific Regent university; however, each Regent university will review these applications on an individual basis and the admission decision will be specific to each institution.

## EAST MILLS HIGH SCHOOL, HASTINGS, CORE COURSES APPROVED FOR RAI

*Source: 2019-2020 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)*

| English | Yrs* | Math | Yrs* | Science | Yrs* | Social Studies | Yrs* | World Languages | Yrs* | Computer Science | Yrs* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Applied English 12 | 1 | Algebra 1 | 1 | Biology | 1 | American Govt [POL111] | 0.5 | Spanish 1 | 1 | | |
| Composition I [ENG105] | 0.5 | Algebra 2 | 1 | Biology 2 | 1 | Criminology [SOC240] | 0.5 | Spanish 2 | 1 | | |
| Composition II [ENG106] | 0.5 | Analytical Geom & Calc II [MAT217] | 0.5 | Chemistry | 1 | Current Events | 0.5 | Spanish 3 | 1 | | |
| English 09 | 1 | College Algebra [MAT121] | 0.5 | Chemistry 2 | 0.5 | Gangs [SOC235] | 0.5 | Spanish 4 | 1 | | |
| English 10 | 1 | Functions | 1 | Entomology | 1 | Geography | 1 | | | | |
| English 12 | 1 | Geometry | 1 | General Chemistry II [CHM176] | 0.5 | Human Behavior 10 | 1 | | | | |
| English American Lit | 1 | Pre-Calculus | 1 | General Physics 1 Lab [PHY157] | 0.5 | Intro to Philosophy [PHI101] | 0.5 | | | | |
| English Creative Writing | 0.5 | Probability & Statistics | 0.5 | General Physics I [PHY156] | 0.5 | Intro to Psychology [PSY111] | 0.5 | | | | |
| English Novels | 0.5 | Statistics [MAT157] | 0.5 | Human Physiology | 1 | Intro to Sociology [SOC110] | 0.5 | | | | |
| Public Speaking [SPC112] | 0.5 | Trigonometry | 0.5 | Physical Science 09 | 1 | Sport & Exercise Psychology [PSY210] | 0.5 | | | | |
| Speech | 0.5 | | | Physics | 1 | U.S. Government 12 | 0.5 | | | | |
| | | | | | | U.S. History 11 | 1 | | | | |
| | | | | | | U.S. History Since 1877 [HIS152] | 0.5 | | | | |
| | | | | | | Wstrn Civ: Ancient to Early Modern [HIS110] | 0.5 | | | | |
| | | | | | | World History 09 | 1 | | | | |
| | | | | | | | | | | | |
| **Total English** | | **Total Math** | | **Total Science** | | **Total Social Studies** | | **Total World Languages** | | **Total Computer Science** | |

**The numbers in this column should be multiplied by 5 to determine the number of RAI points awarded for the course.*

Updated: 8/18/2020