



# 2018 RAI Core Course List



IOWA STATE  
UNIVERSITY



THE UNIVERSITY  
OF IOWA

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. Because your school issues class rank, your RAI formula is:

- (2 x ACT composite score)
- + (1 x percentile high school rank)
- + (20 x high school GPA)
- + (5 x number of high school core courses)

*Note:* For purposes of calculating the RAI, SAT scores will be converted to ACT composite equivalents, 99% is the top value for high school rank, 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.

Regent Admission Index Score

## TIPTON HIGH SCHOOL, TIPTON, CORE COURSES APPROVED FOR RAI

*Source: 2017-2018 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)*

English	CU*	Math	CU*	Science	CU*	Social Studies	CU*	World Languages	CU*
American Literature	0.5	Algebra 1	1	Anatomy & Physiology	1	American History 09	0.5	Spanish 1	1
British Literature	0.5	Algebra 2	1	Arts of Anatomy	0.5	American History 10	1	Spanish 2	1
Composition	0.5	AP Calculus AB	1	Biology	1	American Ntnl Govt [POL111]	0.33	Spanish 3	1
Composition 1 [ENG 105]	0.5	Geometry	1	Chemistry	1	Ancient Mediterranean World [HIS 121]	0.5	Spanish 4	1
Composition 2 [ENG 106]	0.5	Pre-Calculus	1	Chemistry Fundamentals	0.5	AP U.S. History	1		
Creative Writing	0.5	Statistics [MAT157]	0.44	Earth Science	0.5	Comm & Culture [CLS 192]	0.33		
English 1	1			Env Sci (Online)	0.5	Contemporary U.S. Issues	0.5		
English 2	1			Human Anat & Phys 1 w/Labs [BIO 168]	0.56	Developmental Psychology [PSY 121]	0.5		
Film As Literature	0.5			Natural Resources Ecology	1	Economics	0.5		
Fund of Oral Comm [SPC 101]	0.33			Physics	1	Government	0.5		
Global Literature	0.5			Physics Fundamentals	0.5	Humanities	0.5		
Speech	0.5			Principles of Engrg [EGT 410]	0.5	Intro to Psychology [PSY 111]	0.33		
				Space Science	0.5	Intro to Sociology [SOC 110]	0.33		
						Modern World History	0.5		
						Principles of Macroecon [ECN 120]	0.33		
						Psychology	0.5		
						Social Problems [SOC 115]	0.33		
						Sociology	0.5		
						Street Law	0.5		
						Survey of World Religions [REL 101]	0.33		
						U.S. History to 1878 [HIS 151]	0.1		
						Understanding Cultures: Modern China [CLS 167]	0.33		

### TIPTON HIGH SCHOOL CORE COURSES APPROVED FOR RAI (cont.)

*Source: 2017-2018 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)*

English	CU*	Math	CU*	Science	CU*	Social Studies	CU*	World Languages	CU*
						US History since 1877 [HIS 152]	0.5		
						World History	0.5		
<b>Total English</b>		<b>Total Math</b>		<b>Total Science</b>		<b>Total Social Studies</b>		<b>Total World Languages</b>	

*\*The numbers in this column represent the Carnegie units awarded for each course. This number should be multiplied by 5 to determine the number of RAI points awarded for the course.*

Updated: 8/14/2018