**Prerequisite/Advisory and Entering Skills Reference Sheet**

*For courses with preparation in English, math, and/or reading, please select 1-2 skills from each advisory/prerequisite course/level as entering skills for your course.*

**Where ENGL 035 and ENLA 100 were previously listed**

* Where ENGL 035 and ENLA 100 were previously listed as ***prerequisites***: “Enrollment requires appropriate placement (based on high school GPA and/or other measures) or eligibility for college composition”
* Where ENLA 035 and ENLA 100 were previously listed as ***advisories***: “It is advised that students be able to engage in written composition at a college level.”
* Entering skill: “Write a multi-paragraph essay with a thesis statement and general introductory and concluding remarks”

**ENGL 101**

* Entering skills:
  + Write a multi-paragraph essay with a thesis statement and the use of outside research sources to support the thesis
  + Demonstrate through essay writing the relationship between reading different points of view, and developing an original thesis statement, which can be supported by logical arguments and researched evidence
  + Use critical thinking processes to clearly and logically explain and/or defend points of view

**Where MATH 070 or MATH 070D or MATH 073 were previously listed**

* Where MATH 070/070D/073 was previously listed as a ***prerequisite***: “Enrollment requires appropriate placement (based on high school GPA and/or other measures) or completion of an intermediate algebra course.”
* Where MATH 070/070D/073 was previously listed as an ***advisory***: “It is advised that students have a knowledge of intermediate algebra concepts.”
* Entering skills:

1. Simplify and evaluate numerical and algebraic expressions using operations and properties of real numbers.
2. Solve linear equations and inequalities incorporating absolute values.
3. Solve problems involving linear equations in two or more variables and their graphs.
4. Graph linear inequalities in two variables.
5. Solve problems involving polynomials and factoring in one or more variables.
6. Incorporate properties of real number exponents and scientific notation to solve problems.
7. Solve quadratic equations using different methods.
8. Incorporate operations and simplifications of rational expressions to solve equations and inequalities.
9. Incorporate operations and simplifications of radicals to solve equations.
10. Incorporate operations and simplifications of complex numbers to solve equations.
11. Solve systems of equations and inequalities.
12. Solve exponential and logarithmic equations.
13. Use function notation, and graph basic functions.
14. Solve applied problems involving polynomials, radical and rational expressions.

**Where READ 043 was previously listed**

* Where READ 043 was previously listed as a ***prerequisite***: “Enrollment requires the ability to read college-level texts.”
* Where READ 043 was previously listed as an ***advisory***: “It is advised that students be able to read college-level texts.”
* Entering skill: Comprehend textbook reading written at the early college level

**Appropriate placement (based on high school GPA and/or other measures) or READ 101**

1. Identify the elements of the critical reading process.
2. Acquire new vocabulary.
3. Describe the effects of language upon the reader.
4. Analyze the elements of argumentation.
5. Describe the impact of issues in critical reading upon the reader.
6. Acquire critical reading and thinking skills that can be transferred to other disciplines.

**Additional advisory language**

* 1. Anywhere that MATH 53/A/B was referenced, it will be replaced by: “It is advised that students have a knowledge of elementary algebra concepts.”
  2. Anywhere that MATH 60 is referenced, it will be replaced by: “It is advised that students have a knowledge of geometry concepts.”
  3. Anywhere that MATH 62 is referenced, it will be replaced by: “It is advised that students have a knowledge of pre-statistics concepts.”

**Additional prerequisite language**

1. Anywhere that MATH 53/A/B is referenced, it will be replaced by: “Enrollment requires appropriate placement (based on high school GPA and/or other measures), or completion of an elementary algebra course.”
2. Anywhere that MATH 60 is referenced, it will be replaced by: “Enrollment requires appropriate placement (based on high school GPA and/or other measures), or completion of a geometry course.”
3. Anywhere that MATH 62 is referenced, it will be replaced by: “Enrollment requires appropriate placement (based on high school GPA and/or other measures), or completion of a pre-statistics course.”

**Additional guidance**

1. When READ 043 and ENGL 035/ENLA 100 are both advisories, we can combine the language to be: “It is advised that students be able to engage in written composition at a college level and read college-level texts.”