**New York State Student Learning Objective: Integrated Algebra**

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| *All SLOs MUST include the following basic components:* | | | | | | | | | | | | | | | | | | | | | | |
| **Population** | 4 Sections of Integrated Algebra, heterogeneously grouped 52 students | | | | | | | | | | | | | | | | | | | | | |
| **Learning Content** | Students will interpret the structure of expression and write expressions in equivalent forms to solve problems. Students will perform arithmetic operations on polynomials and understand the relationship between zeros and factors of polynomials. Students will be able to write and solve equations and inequalities graphically and algebraically. | | | | | | | | | | | | | | | | | | | | | |
| **Interval of Instructional Time** | 2012 – 2013 school year. | | | | | | | | | | | | | | | | | | | | | |
| **Evidence** | Baseline assessment: 8th Grade Math results  Summative Assessment: 9th Grade Integrated Algebra Regents Exam | | | | | | | | | | | | | | | | | | | | | |
| **Baseline** | On last year’s Math 8: 27% scored a 1; 43% scored 2; 20% scored 3 and 10% scored 4. | | | | | | | | | | | | | | | | | | | | | |
| **Target(s)** | Eighty percent of all students will pass the Regents exam (65% or higher) as indicated in the top band. Forty percent of all students will achieve mastery (85% or higher) as indicated in the bottom band. Scored will be averaged for overall HEDI score. | | | | | | | | | | | | | | | | | | | | | |
| **HEDI Scoring** | See ranges as specified. | | | | | | | | | | | | | | | | | | | | | |
| **HIGHLY EFFECTIVE** | | | **EFFECTIVE** | | | | | | | | | **DEVELOPING** | | | | | | **INEFFECTIVE** | | | |
| 20 | 19 | 18 | 17 | 16 | 15 | 14 | **13** | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| 99-100% | 97-98% | 95-96% | 92-94% | 88-91% | 85-87% | 82-84% | 79-81% | 76-78% | 73-75% | 71-72% | 68-70% | 64-67% | 60-63% | 57-59% | 53-56% | 49-52% | 45-48% | 40-44% | 30-39% | <30% |
| 59-100% | 57-58% | 55-56% | 52-54% | 48-51% | 45-47% | 42-44% | 39-41% | 36-38% | 33-35% | 31-32% | 28-30% | 24-27% | 20-23% | 17-19% | 13-16% | 9-12% | 5-8% | 3-4% | 1-2% | 0% |
| **Rationale** | The Learning Content is based on the most important CCLS anchor standards. The target score is justified by the baseline scores of the 8th grade math assessment results. | | | | | | | | | | | | | | | | | | | | | |