**Oklahoma Secondary Mathematics Content Knowledge Test 011**

**(OSAT Advanced Mathematics 011)**

 **Alignment to *NCTM CAEP Mathematics Content for Secondary (2012)***

**(Based on a joint collaboration by NCTM and Pearson)**

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| **Mathematical Domain**  | **Competency Addressed** | **Technology and Varied Representational Tools Including Concrete Models** |
| A.1 Number and Quantity | A.1.1, A.1.2, A.1.3, A.1.4  | Scientific calculator |
| A.2 Algebra | A.2.1, A.2.2, A.2.3, A.2.4, A.2.5 | Scientific calculator |
| A.3 Geometry and Trigonometry | A.3.2, A.3.3, A.3.4, A.3.5, A.3.7, A.3.8, A.3.9 | Scientific calculator |
| A.4 Statistics and Probability | A.4.3, A.4.4, A.4.5 | Scientific calculator |
| A.5 Calculus | A.5.1, A.5.5 | Scientific calculator |
| A.6 Discrete Mathematics | A.6.2, A.6.4 | Scientific calculator |