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| Butler | Course: ALII HONORS | Period(s): 1 | Week of: 1-17-2017 |

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|  | Standards | Goals | As a result of this lesson the student will be able to: | Instructional Strategies | What the teacher will do to ensure the student meets the goals: | Activities | The student will: | Homework & Assessment | Student achievement will be measured by: |
| **Monday** |  |  | |  | |  | |  | |
| **Tuesday** |  | Calculator Review functions | | Notes  Lecture  Socratic method  Group practice  Individual guidance | | Find equations and tables in the book that you can use to solve equations- nsolve()  Find vertex  Build grape/regress  Find roots – cpoly() | |  | |
| **Wednesday** | A2.ACE.1  A2.ACE.2 | Create and solve equations and inequalities in one variable that model real-world problems involving linear relationships. Interpret the solutions and determine whether they are reasonable. Create equations in two or more variables to represent relationships between quantities. Graph equations on coordinate axes using appropriate labels, units and scales. | | Discussion  Group Practice  Individual guidance | | Carnegie Skill Practice 3.1  Students choose three real life problems and create linear equations with one variable  SP326 - 331  Carnegie Skill Practice 3.2 Students choose six real life problems and create linear equations in two variables  SP333-335. All students complete problems 13 – 18 and graph using labels, units and scales | |  | |
| **Thursday** | A2.ACE.2 | Create equations in two or more variables to represent relationships between quantities. Graph equations on coordinate axes using appropriate labels, units and scales. | | Discussion  Group Practice  Individual guidance | | Carnegie Skill Practice continued SP338 25 - 30 | |  | |
| **Friday** | A2.ACE.4 | Solve literal equations and formulas for a specified variable including equations and formulas that arise in a variety of disciplines | | Socratic method  Group practice  Individual guidance | | Carnegie Skill Practice SP341 345 | | Marbleslide – linear  [www.teacher.desmos.com](http://www.teacher.desmos.com)  [www.student.desmos.com](http://www.student.desmos.com)  cmbutler  jump… move to quadratic transformations section\*\*\*\*\* | |

\* All plans are subject to change. Student progress will be monitored and adjustments will be made.