

Avanti High School Learning Plan

Learning Plan Course Title, Level and Section:

Pre-Calculus (Math Level 7)

Course Code:

Instructor: Thedell

Student/Course Expectations

Student Name:

Advisor:

Date Started:

Target Due Date:

Completion Date:

Target Grade: A B P

Books/Resources Issued:

Book #

Algebra & Trigonometry with Analytic Geometry, Swokowski Cole 10th edition

Estimated Number of Hours to Complete this Credit/Set of Performance Tasks: **150**

Estimated Number of Hours Student Should Complete Each Week in Order to Reach Target Due Date: **9**

Credit Amount:

1.0 credit or Math Level 7

Office Use Only:

___ Instructor Copy

___ Tasks Talled

___ Advisor Copy

___ Tasks Recorded

EALRs or GLEs:

1. The student understands and applies the concepts and procedures of mathematics.
2. The student uses mathematics to define and solve problems.
3. The student uses mathematical reasoning.
4. The student communicates knowledge and understanding in both everyday and mathematical language.
5. The student understands how mathematical ideas connect within mathematics, to other subject areas, and to real-life situations.

Learning Activities

Assignment Requirements:

1. Regularly attend classes/appointments with instructor.
2. Each week record up to five hours outside of class time for this learning plan.
3. Adhere to the requirements of this written alternative experience learning plan.
4. Present the completed Practice and Notebook Journal when ready for the chapter quiz.

Task Number

Description

Math 7.01 Proficiency

Pass Mid-Term and Final Exam with 80% or better accuracy

Math 7.02 Content

Chapters	Practice	Notebook	Score	Completion Date
1 - Quiz				
2 - Quiz				
3 - Quiz				
4 - Quiz				
5 - Quiz				
Midterm Exam				
6 - Quiz				
7 - Quiz				
8 - Quiz				
9 - Quiz				
10- Quiz				
11 - Quiz				
Final Exam				

Math 7.03 Application	Complete two math projects related to Content in this level. These projects should:		
	<ul style="list-style-type: none"> • Describe the influence of one historical event, person, or form of technology • Recognize the extensive use of mathematics outside the classroom, for example, in banking or sports statistics • Describe examples of contributions to the development of mathematics such as the contributions of women, men, and different cultures • Global Community Awareness: Explore the ramification of two of the Math Level 6 concepts and how they impact our global society. Include latest data to develop possible effects based on different assumptions. • Provide more than one explanation for events or phenomena; defend or refute the explanations using evidence • Describe how methods of investigation relate to the validity of scientific, experiments, observations, theoretical models, and explanation • Explain how scientific theory, hypothesis generation, experimentation, and observation are interrelated and may lead to changing ideas • Develop a plan for collecting information • Clearly and effectively express or present ideas and situations using both everyday and mathematical language such as models, <i>tables, charts, graphs, written reflection, or algebraic notation</i> 		
	Description of Projects:	Score:	Completion date:
1)			
2)			

Math 7.04 Work Product	<p>Math Notebook Journal:</p> <ul style="list-style-type: none"> • This notebook should contain at least the following: <ul style="list-style-type: none"> ○ For each chapter: <ul style="list-style-type: none"> ▪ Key Vocabulary words defined in 5 words or less ▪ Notes about each section of the text ▪ Sample problems for each concept ○ For each project: <ul style="list-style-type: none"> ▪ All drafts, including the final ▪ Reflections of what you learned and how this helped your math skills. • This will act as your study guide for quizzes and exams.
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<p>Teaching Components:</p> <ol style="list-style-type: none"> a. Teacher will provide student with instructional resources/materials. b. Teacher will evaluate student performance. c. Teacher will assist student with learning process.
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<p>Performance Supervision, Evaluations, and Assessments:</p> <ol style="list-style-type: none"> 1. As scheduled, student will initiate a meeting with instructor to review progress. Student will be prepared with math journal exam scores (with completion dates), and math project(s) to discuss progress towards meeting their completion date. 2. Student will be awarded completion for a task when all of the requirements for the task have been demonstrated. 3. Student will be awarded for completion of the level when all required tasks have been documented.
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Progress Reviews	Dates:
20 Day Review	
40 Day Review	
60 Day Review	
80 Day Review	
100 Day Review	
120 Day Review	
Student Signature:	Date
Instructor Signature:	Date