

Name: Woods		Grading Quarter:1	Week Beginning: 8/5/24
School Year: 24-25		Subject: MAT 142	
Monday	Notes:	Objective: Students will become familiar with course objectives. Lesson Overview: How dual enrollment through NPC works Pre-requisites How credit transfers Logic puzzles	Academic Standards: <i>none</i>
	Notes:	Objective: Students will be able to identify logical fallacies. Lesson Overview: Take notes: Some common fallacies – types and examples Ad Hominem Appeal to Authority Circular Reasoning Limited Choice Hasty Generalization False Cause Red Herring Straw Man Find examples of each of these fallacies on the internet: in advertisements, news articles, social media, political debates, etc.	Academic Standards: NPC.CO2. Apply Problem Solving Strategies to Applications.
	Notes:	Objective: Students will be able to create logical conditionals. Lesson Overview: Take notes: If-then statements, the difference between inverse, converse, and contrapositive Students will create their own examples on sticky notes and the class will decide which ones use valid logic debates, etc.	Academic Standards: NPC.CO2. Apply Problem Solving Strategies to Applications.
	Notes:	Objective: Students will be able to create Venn diagrams. Lesson Overview: Take notes: How conditionals can be represented with a Venn diagram. Discuss “all,” “some,” and “no” examples. Also do examples with numbers. Use Khan Academy examples for independent practice.	Academic Standards: NPC.CO2. Apply Problem Solving Strategies to Applications.
Tuesday			
Wednesday			
Thursday			

Friday	Notes:	NO SCHOOL	Academic Standards:
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