

Diversified Manufacturing Technology
Generalized Math Rubric

	1	2	3	4
Problem Solving	Little to no understanding of the mathematical concepts is evidenced, with significant errors in solving problems.	Some understanding of mathematical concepts is evidenced, but with numerous errors in solving problems.	Good understanding of mathematical concepts is evidenced, with few or minor errors in solving problems.	Excellent understanding of mathematical concepts is evidenced, with no to very few errors.
Math Content	Demonstrates little to no understanding and knowledge of math applications and skills.	Demonstrates some, but limited, knowledge of math applications and skills.	Demonstrates a general knowledge of math applications and skills.	Demonstrates a clear understanding and knowledge of math applications and skills
Math Communication	Inability to clearly communicate logical solutions to math concepts and problems	Communicates some, but in a limited capacity, logical solutions to math concepts and problems.	Clearly communicates logical solutions to most concepts and problems.	Accurately communicates logical solutions to math concepts and problems.
Solution Presentation	Demonstrates the inability to present the necessary steps in solving mathematical problems.	Demonstrates limited skills and ability in applying and presenting the necessary steps in solving mathematical problems.	Demonstrates the ability to apply and present logic and the necessary steps in solving mathematical problems.	Demonstrates a strong ability to present and solve mathematical problems using steps by steps processes.
Math Terminology	Does not attempt to use proper mathematical terminology.	Uses some mathematical terminology, but in a limited capacity or incorrectly.	Uses mathematical terminology correctly.	Uses mathematical terminology correctly and fluidly.