Instructional Plan - MATH 1435 - Winter 2022

School of Engineering & Technology

Cabinetmaker Apprenticeship Level 1

Course Information

Name Math Fundamentals

Code Math 1435

Faculty Information

Professor/Instructor Mukto Akash

Email <u>makash@conestogac.on.ca</u>

Office Number TBA

Office Hours By appointment

Program Specific Notes

Please familiarize yourself with the Program Handbook. The Program Handbook contains many policies that affect your studies at Conestoga.

Course Specific Notes (Optional Section)

Evaluation Summary

Test #1	20%
Test #2	20%
RIM Assignment	15%
BOM Assignment	15%
Final Exam (Cumulative for the semester)	30%
Total	100%

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Course Schedule

Week Date	WEEKS 1 AND 2
	KEY CONCEPTS
	 Introduction Measuring Whole Numbers Decimals

Week Date	WEEKS 3 AND 4
	KEY CONCEPTS
	FractionsPercentagesTest #1 Review
Test #1	• Test #1 – 20%

Week Date	WEEKS 5 AND 6
	KEY CONCEPTS
	 Squaring Square root Pythagoras theorem Area Glue & Chemical mixes
RIM Assignment	RIM Assignment – Start – 15%

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Week Date	WEEKS 7 AND 9 (WEEK 8 = STUDENT SUCCESS WEEK)
	KEY CONCEPTS
	 Trade related calculations Ratios Test #2 Review
	EVALUATION

Week Date	WEEKS 10 AND 11
	KEY CONCEPTS
	Calculate Board FootProject Costing- BOM
	ASSIGNMENTS
Test #2	• Test #2 – 20%
BOM Assignment	BOM Assignment – Start – 15%

Week Date	WEEKS 12 AND 13
	KEY CONCEPTS
	 BOM Assignment work class Cartesian Co-ordinates

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Week Date	WEEK 14 AND 15
	KEY CONCEPTS
	Final Test ReviewFinal Test
	EVALUATION
Final Test	• Final Test – 30%

Please Note: The Instructional Plan is subject to change with advance notice.

Evaluation dates will not be changed without consultation with students and the Chair of the Program.