School of Engineering & Technology

Cabinetmaker Apprenticeship Level 1

## Course Information

|  |  |
| --- | --- |
| **Name** | Math Fundamentals |
| **Code** | Math 1435 |

## Faculty Information

|  |  |
| --- | --- |
| **Professor/Instructor** | Trevor Hibbs |
| **Email** | [thibbs@conestogac.on.ca](mailto:thibbs@conestogac.on.ca) |
| **Office Number** | W5 |
| **Office Hours** | TBA |

## 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  Assignment 1 | 20%  20% |
| Final Exam (Cumulative for the semester) | 30% |
| Final Assessment | 10% |
| Total | 100% |

## Course Schedule

|  |  |  |
| --- | --- | --- |
| **Week Date** | | WEEK 1 |
|  | | KEY CONCEPTS |
|  | | * Introduction * Measuring * Whole Numbers * Decimals |
|  | |  |
| **Week Date** | | WEEK 2 |
|  | | KEY CONCEPTS |
|  | | * Fractions * Percentages * Test #1 Review |
|  | | Evaluations |
|  | |  |
| **Week Date** | | WEEK 3 |
|  | | KEY CONCEPTS |
|  | | * Squaring * Square root * Pythagoras theorem * Area |
| **Test #1** | | * Test #1 |
| **Week Date** | | WEEK 4 |
|  | | KEY CONCEPTS |
|  | | * Glue & Chemical mixes * Trade related calculations * Ratios * Test #2 Review |
|  | | Evaluation |
|  |  |
| **Week Date** | | WEEK 5 |
|  | | KEY CONCEPTS |
|  | | * Calculate Board Foot * Project Costing- BOM |
|  | | Assignments |
| **Test #2** | | * Test #2 – 20% |
| **BOM Assignment** | | * BOM Assignment – Start – 20% |
|  | |  |
| **Week Date** | | WEEK 6 |
|  | | KEY CONCEPTS |
|  | | * BOM Assignment work class * Cartesian Co-ordinates |
|  | |  |
| **Week Date** | | WEEK 7 |
|  | | KEY CONCEPTS |
|  | | * Final Test Review * Final 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.