Mathematics Placement Testing at Essex County College

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0.1 Testing Schedule

Please visit http://ecc-math-placement.blogspot.com/ for an updated testing schedule. We usually test in early September and January.

0.2 General Instructions

You will need to decide what placement test to take. If you are unsure, you can start on a lower level and work your way forward. You will not be given more than sixty minutes for any given exam, and you can only take each exam once.¹ Scrap paper and a pencil will be provided, but you cannot use any other aides² during the testing period.

If your placement results from the ACCUPLACER placement test placed you into MTH-100 or below, you will be charged a ten dollar placement fee. If the ACCUPLACER placement test placed you above MTH-100, you will not be charged a fee.

0.3 Placement Testing

0.3.1 Place Into MTH-121 (Form CR)

- Time limit is 60 minutes.
- Types of Questions (25 Total, order varies):
  1. Word problems; numerical awareness
  2. Systems of linear equations; graphs
  3. Geometry; word problems
  4. Quadratic inequalities; graphs
  5. Logarithms; linear equations
  6. Graphs; quadratics
  7. Exponents; arithmetic of rational numbers
  8. Concept formation; graphs
  9. Numerical awareness; concept formation
 10. Distance; geometry
 11. Exponential functions; graphing
 12. Fractional equations
 13. Graphs; linear equations

¹Special permission is required to take any exam more than once.
²Cellular phones, calculators, notes, etc..
14. Factoring; operations with algebraic expressions
15. Geometry; functions
16. Functions; notation
17. Word problems; geometry
18. Word problems; concept formation
19. Word problems; geometry
20. Inequalities; absolute value
21. Special angles; trigonometric functions
22. Trigonometric identities
23. Special angles; trigonometric functions
24. Trigonometric identities
25. Trigonometric graphs

0.3.2 Place Into MTH-121 (Form TEF)

- Time limit is 60 minutes.
- Types of Questions (30 Total, order varies):
  1. Special angles; radian measure
  2. Special angles
  3. Radian measure
  4. Right triangles; definition of trigonometric functions
  5. Special angles; radian measure
  6. Operations on functions
  7. Trigonometric identities
  8. Right triangles; definition of trigonometric functions
  9. Trigonometric equations; special angles; radian measure
 10. Trigonometric identities
 11. Trigonometric graphing
 12. Trigonometric equations; special angles
 13. Trigonometric identities
 14. Non-right triangles; laws of sines and cosines
 15. Inverse trigonometric functions; special angles; radian measure
 16. Graphing; linear equations
17. Graphing; exponentials
18. Distance; right triangles
19. Lines; graphs
20. Functions; notation
21. Graphs; conics
22. Absolute value; graphing
23. Exponential functions
24. Functions; fractional equations
25. Logarithms; functions
26. Functions; composition
27. Functions; inequalities
28. Higher degree polynomial equations
29. Graphs; logarithms
30. Non-linear systems of equations; graphs

0.3.3 Place Into MTH-120 (Form AA)

- Time limit is 60 minutes.
- Types of Questions (25 Total, order varies):
  1. Linear equations
  2. Arithmetic of rational numbers; substitution
  3. Radicals
  4. Operations with algebraic expressions; algebraic fractions
  5. Logarithms
  6. Factoring; operations with algebraic expressions
  7. Exponents
  8. Linear equations; functions
  9. Linear equations; operations with algebraic expressions
10. Logarithms
11. Radicals
12. Absolute value; operations with algebraic expressions
13. Algebraic fractions; factoring
14. Linear equations; graphing
15. Quadratic equations; complex numbers
16. Graphing
17. Logarithms
18. Radicals
19. Factoring
20. Quadratic inequalities
21. Graphing systems of equations
22. Algebraic identity; quadratic expressions
23. Radicals; quadratic equations
24. Functions; composition
25. Graphing; linear inequalities