

# Math Placement, Classes, and Degree Requirements

## Illinois Valley Community College

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[www.ivcc.edu/placement](http://www.ivcc.edu/placement)

*This guide describes math classes into which students can PLACE, as determined by testing scores. The guide illustrates how placement indicates which course(s) must be taken and in what sequence. A student may need to successfully complete developmental (numbered under 1000) (OR) pre-requisite classes before enrolling in the math class that satisfies degree requirements. This guide does not list all of the math classes offered by IVCC, only the classes relevant to placement. FOR a complete list of math classes, visit the IVCC catalog; [www.ivcc.edu/catalog](http://www.ivcc.edu/catalog)*

### **MATHEMATICS Group I: Associate in Arts Degree and Associate in Science Degree**

- Associate in Arts degree requires only 1 math class from Group I.
- Associate in Science degree requires 2 math classes; 1 from Group I ; 1 course from Group I or II.

#### **Placed into MTH1XXX (list below) (OR) ECN2004 Business Statistics (transfer class)**

Take one of these classes:

- MTH1000 Math for Liberal Arts (OR),
- MTH1006 Finite Mathematics (OR),
- MTH1007 Calculus for Business and Social Sciences (OR),
- MTH1008 General Elementary Statistics (OR),
- MTH1010 Structure of Number Systems II (OR),
- MTH2001 Calculus and Analytic Geometry (OR),
- ECN2004 Business Statistics

#### **Placed into MTH0920 Intermediate Algebra (developmental class)**

Take MTH1000 (OR) MTH1008 (OR) ECN2004

(OR) take MTH0920, then take:

- MTH1010 Structure of Number Systems II

(OR) take MTH0920, then take:

- MTH1003 College Algebra, then one of these classes:
- MTH1006 Finite Mathematics (OR)
- MTH1007 Calculus for Business and Social Sciences

(OR) take MTH0920, then take:

- MTH1003 College Algebra and MTH1004 Trigonometry (OR)
- MTH1005 Precalculus, then
- MTH2001 Calculus and Analytic Geometry I

#### **Placed into MTH1008 General Elementary Statistics & MTH0108 Statistics Supplement (co-requisite class)**

Take MTH1008 & MTH0108

#### **Placed into MTH0910 Foundations of Algebra (developmental class)**

Take MTH0910 Foundations of Algebra, then take one of these classes:

- MTH1000 Math for Liberal Arts (OR),
- MTH1008 General Elementary Statistics (OR),
- ECN2004 Business Statistics

(OR) take MTH0910 Foundations of Algebra, then take:

- MTH0920 Intermediate Algebra, then
- MTH1010 Structure of Number Systems II

(OR) take MTH0910 Foundations of Algebra, then take:

- MTH0920 Intermediate Algebra, then
- MTH1003 College Algebra and MTH1004 Trigonometry (OR)
- MTH1005 Precalculus, then
- MTH2001 Calculus and Analytic Geometry

## **MATHEMATICS Group II: Associate in Science Degree**

### **Placed into a MTH1003 College Algebra, MTH1004 Trigonometry**

Take MTH1003 College Algebra and MTH1004 Trigonometry (together OR separately) to satisfy the MATHEMATICS Group II requirement.

You must also take a class from MATHEMATICS Group I.

### **Placed into MTH1005 Precalculus**

Take MTH1005 Precalculus to satisfy the MATHEMATICS Group II requirement.

You must also take a class from MATHEMATICS Group I.

### **Placed into MTH0920 Intermediate Algebra**

Take MTH0920 Intermediate Algebra, then

- MTH1003 College Algebra and MTH1004 Trigonometry (together OR separately), (OR)
- MTH1005 Precalculus
- You must also take a class from MATHEMATICS Group I.

(OR) take MTH0920 Intermediate Algebra, then

- MTH1009 Structure of Number Systems I
- You must also take a class from MATHEMATICS Group I.

### **Placed into MTH0910 Foundations of Algebra**

Take MTH0910 Foundations of Algebra, then

- MTH0920 Intermediate Algebra, then
- MTH1003 College Algebra and MTH1004 Trigonometry (together OR separately), (OR)
- MTH1005 Precalculus
- You must also take a class from MATHEMATICS Group I.

(OR) take MTH0910 Foundations of Algebra, then

- MTH0920 Intermediate Algebra, then
  - MTH1009 Structure of Number Systems I
  - You must also take a class from MATHEMATICS Group I.
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