

Mathematics

Baccalaureate Transfer Program at Danville Area Community College.

Mathematics continues to play a major role in the development of new technologies and the solution of social problems. Mathematicians are trained to think logically and to approach problems in analytical and creative ways. Studying mathematics prepares one for a wide variety of careers, providing one with problem solving skills, computing skills, and communication skills. Mathematicians need good reasoning ability and persistence in order to identify, analyze, and apply basic principles to technical problems.

A bachelor's degree in mathematics is offered by most colleges and universities. Mathematics courses usually required for this degree include calculus, differential equations, and linear and abstract algebra. Additional courses might include probability theory and statistics, mathematical analysis, numerical analysis, topology, discrete mathematics, and mathematical logic.

Program Specific Courses Include:

Mathematics course selections depend on your background and your career choice. Advanced courses use graphing calculators and/or the computer software Mathematic to enrich the curriculum. Our mathematics offerings include the following:

- Basic Algebra
- Basic Geometry
- Intermediate Algebra
- College Algebra
- Trigonometry
- Survey of Statistics
- Statistics
- Intro. to Mathematics
- Calculus & Analytic Geometry I
- Calculus & Analytic Geometry II
- Calculus & Analytic Geometry III
- Introductory Analysis I
- Introductory Analysis II
- Introduction to Linear Algebra
- Differential Equations
- Computer Science

Job/Employment Information:

Positions You are Trained for: The most common areas where mathematicians study and find work are computer science and software development, physics, engineering, operations research, financial analysis and education. In addition, a strong math background, including statistics, is needed for many jobs within commerce, management, pharmaceuticals, sociology, psychology, cryptology, manufacturing technology and quality control. Those with a strong background in mathematics and a related discipline will be in demand.

For the most current salary information visit www.ilworkinfo.com.

Math/Science





STEPS TO REGISTER:

1. Application
2. Placement Test
3. Register

WAYS TO PAY:

1. Pay in full with cash, check, Visa or MasterCard
2. Student Financial Aid. Eligibility must be determined by payment due date.
3. FACTS Payment Plan. (Interest Free!)
4. Apply for Athletic and/or Academic Scholarships.
5. Employer paid or other third party payment such as JTP, TAA, etc.

PROGRAM SPECIFIC COURSES:

Check out the DACC website under www.dacc.edu to find out what specific courses you will be taking for this program of study.

Courses are offered in many different formats to meet individual schedules: Day, Evening, Weekend, Traditional, Online, Video or Interactive Video.

WHO TO CALL:

Admissions/Registration	443-8800
Advisement/Counseling	443-8750
Assessment Center	443-8708
Bookstore	443-8759
Career Services Center	443-8597
Child Development Center	443-8833
Financial Aid	443-8761
GED/ESL/Adult Ed	443-8782
General Information	443-3222
Orientation	443-8750
Student Support Services	443-8853

Visit our website at www.dacc.edu or contact us at 217-443-DACC (3222) for more information.
TDD/TTY 217-443-8701

***Endless
Possibilities***



**Danville Area
Community College**

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