

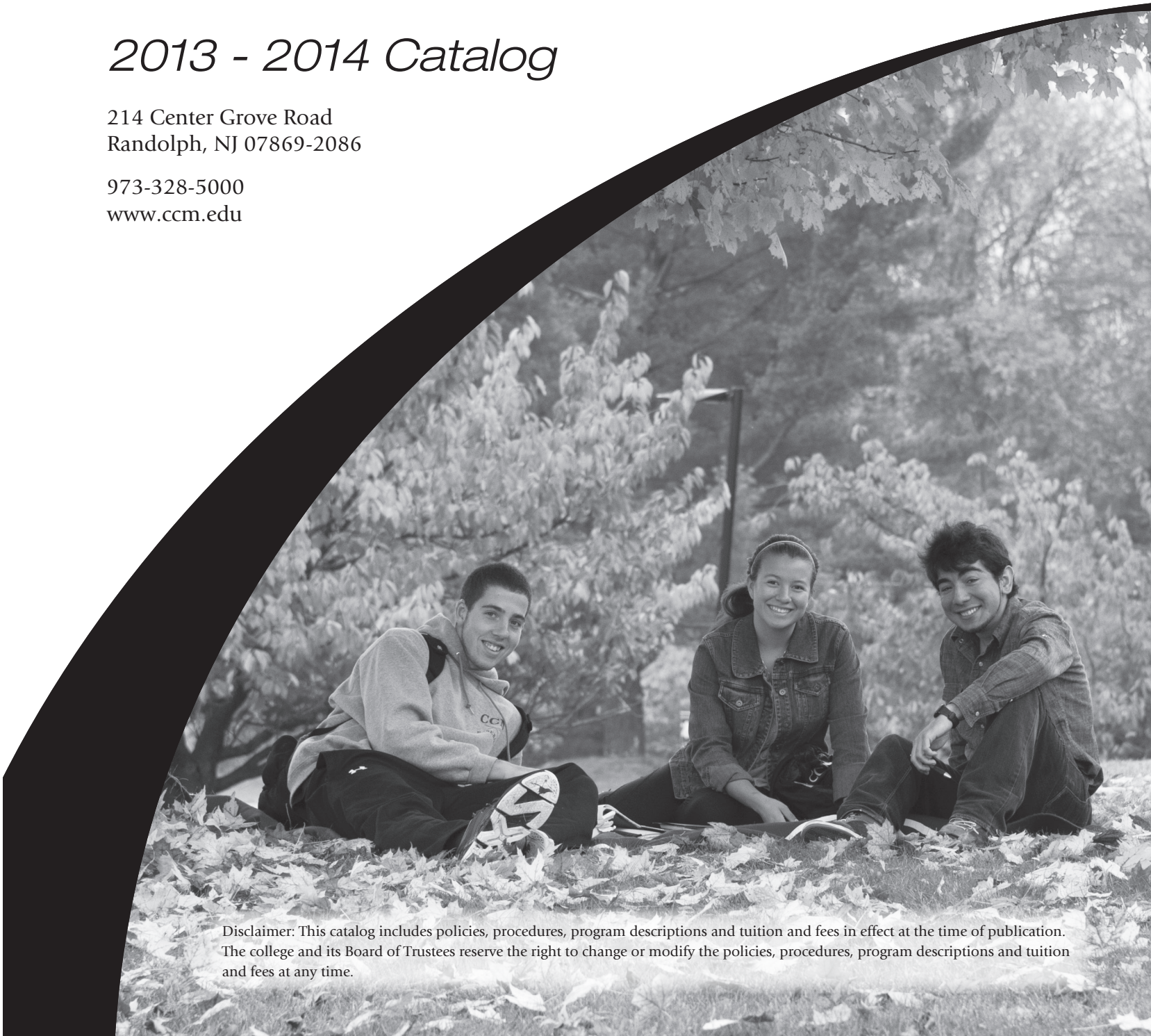
# COUNTY COLLEGE of MORRIS

Outstanding Education • Affordable Price

## *2013 - 2014 Catalog*

214 Center Grove Road  
Randolph, NJ 07869-2086

973-328-5000  
[www.ccm.edu](http://www.ccm.edu)



Disclaimer: This catalog includes policies, procedures, program descriptions and tuition and fees in effect at the time of publication. The college and its Board of Trustees reserve the right to change or modify the policies, procedures, program descriptions and tuition and fees at any time.



# Something for Everyone

[www.ccm.edu](http://www.ccm.edu)

## For College Students

- More than 70 associate's degrees and 30 certificate programs

**[www.ccm.edu/admissions](http://www.ccm.edu/admissions)**

973-328-5100 or [admiss@ccm.edu](mailto:admiss@ccm.edu)

- Summer courses – for CCM students and visiting students from other colleges

**[www.ccm.edu/admissions](http://www.ccm.edu/admissions)**

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- Special services for students with learning disabilities

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## For Children and Teens

- The Challenger program – college-level courses for advanced high school students

**[www.ccm.edu/admissions](http://www.ccm.edu/admissions)**

973-328-5100 or [admiss@ccm.edu](mailto:admiss@ccm.edu)

- College for Kids and Teens – an enrichment program for young people ages 9 – 18

**[www.ccm.edu/cfk](http://www.ccm.edu/cfk)**

973-328-5072 or [cfk@ccm.edu](mailto:cfk@ccm.edu)

- Sports clinics and summer sports camps for kids

**[www.ccm.edu/athletics/SummerSportsCamps.aspx](http://www.ccm.edu/athletics/SummerSportsCamps.aspx)**

973-328-5253 or [athletics@ccm.edu](mailto:athletics@ccm.edu)

## For Family Fun and Entertainment

- Planetarium shows, customized shows and children's parties

**[www.ccm.edu/planetarium](http://www.ccm.edu/planetarium)**

- Plays, musicals and more

**[www.ccm.edu/newsEvents](http://www.ccm.edu/newsEvents)**

## For Businesses

- In-house corporate training

**[www.ccm.edu/businessCommunity/business.aspx](http://www.ccm.edu/businessCommunity/business.aspx)**

973-328-5188 or [cbt@ccm.edu](mailto:cbt@ccm.edu)

- Computer training for employees

**[www.ccm.edu/businessCommunity/business.aspx](http://www.ccm.edu/businessCommunity/business.aspx)**

973-328-5188 or [cbt@ccm.edu](mailto:cbt@ccm.edu)

- Rental facilities for meetings and training at the Randolph campus or Morristown/Schuyler Place location

**973-328-5070** (Randolph)

**973-328-5527** (Morristown)

## For Professional Development and Enrichment

- Professional development and personal enrichment courses

**[www.ccm.edu/businessCommunity](http://www.ccm.edu/businessCommunity)**

[ccp@ccm.edu](mailto:ccp@ccm.edu)

- Certification programs for educators, nurses, building inspectors and more

**[www.ccm.edu/businessCommunity/professional.aspx#certificate](http://www.ccm.edu/businessCommunity/professional.aspx#certificate)**

[cpp@ccm.edu](mailto:cpp@ccm.edu)

- Alternate Route Teacher Certification Program

**[www.ccm.edu/businessCommunity/professional.aspx#certificate](http://www.ccm.edu/businessCommunity/professional.aspx#certificate)**

[altroute@ccm.edu](mailto:altroute@ccm.edu)

- Online learning

**[www.gatlineducation.com/ccm](http://www.gatlineducation.com/ccm)**

# Academic Calendar



## SUMMER SESSIONS 2013

May 20	Summer 1 begins
May 21	Last day to add classes - Summer 1
May 24	Last day to drop classes without academic grade - Summer 1
May 27	Memorial Day – college closed
June 13	Last day to drop classes with a “W” – Summer 1
June 13	Last day to withdraw from college - Summer 1
June 22	Summer 1 ends
June 24	Summer 2 begins
June 24	Summer 3 begins
June 25	Last day to add classes – Summer 2
June 25	Last day to add classes - Summer 3
June 28	Last day to drop classes without academic grade – Summer 2
June 28	Last day to drop classes without academic grade - Summer 3
July 4	Independence Day – college closed
July 18	Last day to drop classes with a “W” – Summer 3
July 18	Last day to withdraw from college - Summer 3
July 27	Summer 3 ends
July 29	Summer 4 begins
July 30	Last day to add classes - Summer 4
August 2	Last day to drop classes with a “W” – Summer 2
August 2	Last day to withdraw from college – Summer 2
August 2	Last day to drop classes without academic grade - Summer 4
August 12	Last day to drop classes with a “W” – Summer 4
August 12	Last day to withdraw from college - Summer 4
August 17	Summer 2 ends
August 17	Summer 4 ends

## FALL 2013

August 29	Classes begin
September 2	Labor Day - college closed
September 5	Last day to add classes
September 12	Last day to drop classes without academic grade
November 14	Last day to drop classes with a “W”
November 14	Last day to withdraw from college
November 27	Thanksgiving recess begins 10:45 p.m.
December 2	Classes resume
December 11	Classes end at 10:45 p.m.
Dec. 12-17	Final exams (day classes)
Dec. 12 -18	Final exams (evening classes)
December 18	Semester ends

## WINTERIM 2014

December 16	Classes begin
Dec. 25-Jan. 1	Christmas break - college closed
January 11	Semester ends

## SPRING 2014

January 14	Classes begin
January 20	Martin Luther King Day – college closed
January 21	Last day to add classes
January 28	Last day to drop classes without academic grade
March 10-15	Spring recess
March 17	Classes resume
April 10	Last day to drop classes with a “W”
April 10	Last day to withdraw from college
April 18	Good Friday – college closed
May 5	Classes end
May 6-9	Final exams (day classes)
May 6-12	Final exams (evening classes)
May 12	Semester ends
May 22	Graduation (tentative)





# A Message From Our President



For more than four decades, County College of Morris (CCM) has stood as a quality institution the community can turn to for an outstanding education at an affordable price. Since we opened in 1968, more than 43,000 graduates have passed through our halls. Many of our graduates transfer to top colleges and universities and have become teachers, nurses, police officers, doctors, engineers and entrepreneurs. We also are a resource for those looking to transition to a new career, learn a new skill or unleash their creativity. Additionally, we offer the community numerous cultural activities and events to take advantage of each year, including our well-respected Longo Planetarium shows, a full performing arts schedule and annual poetry festival.

We welcome your interest in CCM and encourage you to take full advantage of all we have to offer.

Edward J. Yaw

President, County College of Morris

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# Campus Directory



## General Information

**973-328-5000**

[www.ccm.edu](http://www.ccm.edu)

	Location	Telephone Number
Academic Advisement . . . . .	Student Community Center . . . . .	973-328-5168
Academic Affairs.. . . .	Henderson Hall . . . . .	973-328-5070
Admissions . . . . .	Student Community Center . . . . .	973-328-5101
Agricultural Technology Center . . . . .	Ag. Tech. Bldg. . . . .	973-328-5363
Alumni Relations . . . . .	Henderson Hall . . . . .	973-328-5059
Aquatic Facility . . . . .	Health/Physical Education Bldg.. . . .	973-328-5257
Art Department . . . . .	DeMare Hall. . . . .	973-328-5446
Athletic Office . . . . .	Health/Physical Education Bldg.. . . .	973-328-5252/5253
Auditorium Box Office . . . . .	Student Community Center . . . . .	973-328-5177
Biology Department . . . . .	Sheffield Hall . . . . .	973-328-5360
Bookstore. . . . .	Student Community Center . . . . .	973-328-5151
Bursar. . . . .	Student Community Center . . . . .	973-328-5115/5117
Business Department . . . . .	Cohen Hall . . . . .	973-328-5656
Business, Mathematics, Engineering, & Technologies Division . . . . .	Sheffield Hall . . . . .	973-328-5700
Campus Life (Student Activities) . . . . .	Student Community Center . . . . .	973-328-5225
Campus Store . . . . .	Student Community Center . . . . .	973-328-5151
Career Services. . . . .	Cohen Hall . . . . .	973-328-5244/5245
Center for Academic Support & Enrichment. . . . .	Learning Resource Center/Library. . . . .	973-328-5284
Customized Business Training. . . . .	Henderson Hall . . . . .	973-328-5188
Chemistry Department . . . . .	Sheffield Hall . . . . .	973-328-5360
Child Care Center . . . . .	Dalrymple House. . . . .	973-328-5240
Community and Professional Programs . . . . .	Henderson Hall . . . . .	973-328-5187
Cooperative Education . . . . .	Cohen Hall . . . . .	973-328-5244/5245
Counseling Services and Student Success . . . . .	Student Community Center . . . . .	973-328-5140
Criminal Justice Department . . . . .	DeMare Hall. . . . .	973-328-5641
Design Program. . . . .	DeMare Hall. . . . .	973-328-5436
Disabled Student Services. . . . .	Learning Resource Center/Library. . . . .	973-328-5284
Distance Learning . . . . .	Emeriti Hall . . . . .	973-328-5184

*continued on next page .*

*Directory continued*

	Location	Telephone Number
Early Childhood Development	DeMare Hall	973-328-5631
Economics	DeMare Hall	973-328-5602
Educational Opportunity Fund	Cohen Hall	973-328-5270
Emergency Closing Information		973-328-5580
Engineering Technologies/Engineering Science	Sheffield Hall	973-328-5760
English Department	Cohen Hall	973-328-5460/5450
Financial Aid	Student Community Center	973-328-5230
Fine Arts Program	DeMare Hall	973-328-5622
Foundation Office	Henderson Hall	973-328-5060
Graphic Design Program	DeMare Hall	973-328-5438
Health & Natural Sciences Division	Cohen Hall	973-328-5340
Health, Exercise Science & Dance	Health/Physical Education Bldg.	973-328-5328
Health Service	Cohen Hall	973-328-5160
History/Political Science Department	DeMare Hall	973-328-5641
Human Services	DeMare Hall	973-328-5602
Information Technologies Department	Emeriti Hall	973-328-5780
Intramural Office	Health/Physical Education Bldg.	973-328-5255
Landscape and Horticultural Technology	Ag. Tech Bldg.	973-328-5363
Languages and ESL Department	DeMare Hall	973-328-5420
Liberal Arts Division	Cohen Hall	973-328-5400
Library	Learning Resource Center/Library	973-328-5300
Math Center	DeMare Hall	973-328-5367
Mathematics Department	Sheffield Hall	973-328-5707
Media Center	Learning Resource Center/Library	973-328-5290
Morristown/Schuyler Place	Morristown	973-328-5527
Music Department	DeMare Hall	973-328-5430
Newspaper (The Youngtown Edition)	Student Community Center	973-328-5224
Non-Credit Programs	Henderson Hall	973-328-5187
Nursing Department	Cohen Hall	973-328-5353
Performing Arts	DeMare Hall	973-328-5427
Philosophy Department	DeMare Hall	973-328-5460
Photography Program	DeMare Hall	973-328-5435
Planetarium Reservations	Student Community Center	973-328-5076
Psychology and Education Department	DeMare Hall	973-328-5631
Public Administration	DeMare Hall	973-328-5641
Public Safety	Security Building	973-328-5550
Records & Registration	Student Community Center	973-328-5200
Science Center	DeMare Hall	973-328-5367
Sociology, Economics and Anthropology Department	DeMare Hall	973-328-5602
Special Events	Henderson Hall	973-328-5054
Student Activities	Student Community Center	973-328-5225
Student Development and Enrollment Mgt.	Student Community Center	973-328-5170
Student Government	Student Community Center	973-328-5211
Student Records	Student Community Center	973-328-5200
Teacher Education Program	DeMare Hall	973-328-5631
Testing Center	Learning Resource Center/Library	973-328-5166
Transfer Services	Student Community Center	973-328-5140
Tutoring Services	DeMare Hall	973-328-5367
Veterans' Counseling	Student Community Center	973-328-5140
Visual Arts Department	DeMare Hall	973-328-5446
Women's Center	Student Community Center	973-328-5025
Writing Center	DeMare Hall	973-328-5367





The following information can be found online on the CCM website at [www.ccm.edu/catalog/2013-2014](http://www.ccm.edu/catalog/2013-2014)

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- › Values Statement
- › Accreditation
- › Changes and Cancellations
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- › Transfer Services and Articulation Agreements
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- › Fire Procedure
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## • Government Officials

## • Board of Trustees

## • Administration

## • Faculty



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<http://www.ccm.edu/catalog/2013-2014>



# Degree Choices



## Degree Programs

County College of Morris offers four degrees: the Associate in Arts, the Associate in Fine Arts, the Associate in Science, and the Associate in Applied Science. These degrees are offered in several specialized fields.

The **Associate in Arts degree (A.A.)** is a university-parallel program designed specifically for the student who wishes to transfer to a four-year college or university after graduating or for those who desire to complete a two-year degree program in liberal education.

The **Associate in Fine Arts degree (AFA)** focuses on developing an understanding of the specific arts disciplines of either design, dance, drama or visual arts through the intensive study of technique, history, theory and hands-on approaches in studio work and/or performance. The Associate in Fine Arts degree is designed to provide students with the knowledge necessary to achieve seamless articulation in a Bachelor of Fine Arts (BFA) program.

The **Associate in Science degree (A.S.)** is awarded to those who have successfully completed programs intended as pre-baccalaureate in such areas as biology, business administration, criminal justice, engineering, mathematics, public administration and science.

The **Associate in Applied Science degree (AAS)** is a specialized career program that prepares the student for entry into the job market. Articulation agreements with select colleges and universities provide transfer opportunities for some AAS degrees.

## Certificate Programs

County College of Morris offers a number of college-credit programs of varying lengths that lead to certificates. The programs are designed to meet the needs of individuals for self-development, personal enrichment, occupational advancement or transitioning to a new career. Students who follow a career ladder from certificate to degree expand their programs to include more general education requirements. Each program is specifically designed to apply the appropriate credits earned in certificate courses toward meeting the degree course requirements.

## Cooperative Education and Internships

Cooperative education and internship experiences offer students opportunities to integrate work experience and classroom instruction through partnerships between employers and the college.

Each participating academic department assigns a faculty advisor who works with the Office of Career Services and Cooperative Education to identify positions in the business community that are commensurate with the goals of the instructional program, the needs of the employer and the skills of the student.

Students who participate in co-op experiences work in paid positions for 300 hours during the semester, while interns work in unpaid positions for 150 hours.

### Eligible students must:

- Be matriculated in County College of Morris (CCM) majors that offer co-ops and/or internships
- Have completed most of the coursework in their majors at CCM
- Have cumulative averages of 2.0 or better, and
- Have the approval of their CCM academic departments.

### Co-ops and/or internships are offered in the following curricula:

Biotechnology  
 Business Administration  
 Chemical Technology  
 Communications\*  
 Culinary Arts and Sciences  
 Computer Information Systems  
 Digital Media Technology  
 Early Childhood Development  
 Early Childhood Education  
 Electronics Engineering Technology  
 Graphic Design\*  
 Hospitality Management  
 Landscape and Horticultural Technology  
 Mechanical Engineering Technology  
 Media Studies/Broadcasting\*  
 Media Studies/Journalism\*  
 Photography Technology  
 Telecommunications Systems Technology

\*These programs offer students the option of participating in internships or cooperative education experiences.

Students who wish to learn more about cooperative education or internships should contact the Office of Career Services and Cooperative Education or their department chair.

## Dual Degree

To earn a dual degree, one program is selected as the primary degree with the other as the secondary degree. All requirements for both degrees must be completed with at least a 2.0 grade point average. Comparable courses from the primary degree may be used to meet the requirements of the secondary degree, but a minimum of 21 separate, additional County College of Morris credits must be earned in the secondary degree. Since all requirements for both degrees must be met, more than 21 credits may be necessary in cases where the two degrees do not have many common, shared courses. A student will not be permitted to apply for a dual degree in Nursing and Allied Health. For more information, contact the Office of Records and Registration.

## Study Abroad Program



To provide its students with access to a global education, County College of Morris offers study abroad opportunities through its membership in the College Consortium for International Studies (CCIS). The consortium has programs in 30 countries with courses in a variety of major areas.

Most programs require at least 15 credits of completed course work and a minimum grade point average of 2.5 to apply. Study abroad participants are subject to additional fees and tuition, but financial aid may be available to qualified students.

For details on how to study abroad, students should visit [www.ccm.edu/studyabroad](http://www.ccm.edu/studyabroad) well in advance of the planned semester abroad. In addition, students may stop by the Languages and ESL office in DeMare Hall, Room DH 207, or call 973-328-5420.





# Continuing Education



The Division of Corporate and Community Programs, [www.ccm.edu/businessCommunity](http://www.ccm.edu/businessCommunity), offers continuing education credit and non-credit courses through its departments of Career and Professional Programs (CPP), Customized Business Training (CBT), and Online Learning.

## Career and Professional Programs (CPP)

The Career and Professional Programs (CPP) department enrolls over 6,000 students in more than 700 courses per year in a variety of curriculum content areas.

Professional development courses cover a wide variety of professional disciplines leading to national certifications. Certificate programs are available in Supervision, Project Management, Human Resources, Management, Medical Billing and Coding Specialist, Small Business Management, Microsoft Office, Web Master and Web Production/Design.

CPP offers extensive computer training programs. Other professional development courses are for dental auxiliaries, construction code officials, nonprofit managers, health professionals, teachers and school nurses. Although CPP courses do not earn college credit, designated professional development courses are awarded Continuing Education Units (CEUs) through the college and professional organizations.

Personal enrichment courses are scheduled in art, fitness and dance, photography, financial planning, yoga and music appreciation for adults.

Many professional development courses are open to students eligible for state or federal tuition assistance. See [www.njtrainingsources.org](http://www.njtrainingsources.org) for more details.

**Registration** - Registration is completed on the web at <http://webadvisor.ccm.edu> or through the Office of Records and Registration and is encouraged to be done early as many classes fill quickly. Registration is required prior to the first session of a course.

**Withdrawals and Refunds** - Students will receive a full refund (minus a \$10 drop fee) if written notification is received by Records and Registration in writing three business days prior to the first class. Thereafter, there is no refund. Refunds may take four to six weeks to be processed and mailed. It is not possible to transfer course costs from one semester to another.

**Senior Citizens** - Senior citizens, age 65 years or older, may enroll in designated CPP courses at a reduced charge. The senior citizen cost is noted at the end of the designated course descriptions. All fees such as textbooks and course fees are the financial responsibility of the senior citizen. Senior citizens who wish to qualify for special rates must present proof of birth date at the time of registration. (Attach a copy of driver's license, birth or baptismal certificate.) A Medicare card is not acceptable for proof of age. Non-credit courses that have a limited enrollment or are designed primarily or exclusively for senior citizens shall be at the regular total cost rate. Call for more information at 973-328-5187, visit our website at [www.ccm.edu/businessCommunity](http://www.ccm.edu/businessCommunity) or email [cgp@ccm.edu](mailto:cgp@ccm.edu).

**Online courses** - Instructor facilitated online courses are offered through Ed2Go [www.ed2go.com/ccm](http://www.ed2go.com/ccm).

## The Center for Business and Technology (CBT)

The Center for Business and Technology (CBT) offers professional development courses, college credit courses, and programs for employees of area businesses, public agencies and professional associations. Training courses can be delivered at the employer's site, CCM in Morristown/Schuyler Place or at our main campus in Randolph. Whichever locale a company selects, instruction is scheduled at times convenient to the employer and its employees.

In addition, CBT offers a broad scope of manufacturing and quality programs that can be customized to specific business needs, as well as high-demand programs like Microsoft Office software applications, supervisory and management leadership skills, and workplace literacy including Communications, English as a Second Language (ESL) and Command Spanish®. Course completers earn Continuing Education Units (CEUs) recorded on a CCM transcript.

No-cost employee training and financial assistance for employee training is available for qualified businesses through the New Jersey Business and Industry Association, the New Jersey Department of Labor and Workforce Development's Customized Training Grant Program. CBT provides interested companies with pre-application assessment grant application preparation and preferred vendor training for this public-funded program. Contact CBT to learn about free training needs assessment and grant application writing services at 973-328-5188 and visit our website at [www.ccm.edu/cbt](http://www.ccm.edu/cbt).



## Youth Programs

Youth programming at County College of Morris (CCM) was created to foster knowledge and provide a quality learning experience for students, middle school through high school. CCM's youth programs provide students seeking challenges not found in the regular classroom with a unique opportunity to learn about themselves through participation in programs that are wide ranging and include fine/performing/applied arts, sciences, technology and educational preparation and enrichment.

CCM offers students state-of-the-art resources and highly skilled instructors. Partnerships and collaborations are developed with school districts, community centers and organizations to provide the highest quality programming possible. The very popular College for Kids and the Gifted and Talented programs offer more than 200 courses for students ages 9-18 during the summer and throughout the year. For more information, contact us at 973-328-5072, email [cfk@ccm.edu](mailto:cfk@ccm.edu) or visit [www.ccm.edu/cfk](http://www.ccm.edu/cfk).

## CCM in Morristown



## CCM – Morristown/Schuyler Place

Located in the center of Morristown at 30 Schuyler Place, this satellite higher-educational center of the County College of Morris (CCM) has as its mission to provide quality lifelong learning opportunities for youth, adults, seniors, businesses, civic and community organizations seeking personal, occupational and professional development.

This center offers a variety of specialized academic credit and non-credit courses, Department of Labor programs, ESL/GED and community-based events with an emphasis on business and professional development training and college preparation programs.

### Degree Programs

A program of credit courses, with an emphasis on business and general education classes, for traditional and adult learners, which lead to a CCM degree or are transferrable to a four-year school.

This includes associations with four-year schools such as Rutgers.

### Adult Distance Learning and Career Certificate Programs

Targeting non-degree seeking adult learners with educational and training programs with a clear connection to employment.

### Workforce and Adult Literacy Programs

Focusing on enhancing community strategic partnerships with area secondary schools, state and local government agencies, and grant-based opportunities with particular interest in the public workforce investment system, adult literacy and developmental programs for recent or soon-to-be high school graduates.

### Conference Center Services

A state-of-the-art facility available to rent to area businesses, organizations and associations for meetings, seminars and training sessions.

For additional information, call 973-328-5527 or visit [www.ccm.edu/morristown](http://www.ccm.edu/morristown).



# Curriculum Requirements

County College Of Morris's General Education Policy is aligned with A *General Education Foundation for Associate in Arts, Associate in Science, Associate in Applied Science, Specialized Associate, and Certificate Program in New Jersey Community Colleges and NJCC General Education Guiding Principles for Affirming General Education Course Status*. The foundation and principles define eight General Education course categories and two General Education integrated course goals. County College of Morris provides multiple and varied learning experiences for the acquisition of knowledge in all categories of General Education.

## General Education Course Categories

1. Communication
2. Mathematics
3. Science
4. Technology
5. Social Science
6. Humanities
7. History
8. Diversity

## General Education Integrated Course Goals

1. Ethical Reasoning
2. Information Literacy

Critical thinking is integrated into each General Education course.

## General Education Outcomes

County College of Morris students will

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and to process numerical data
- Apply the scientific method of inquiry to gain scientific knowledge
- Apply social science theories and concepts to analyze human behavior, social and political institutions, and responsible citizenship
- Analyze works in such fields as art, music, literature, and philosophy and/or religious studies; and/or gain competence in a foreign language
- Analyze historical events and movements in world, Western, non-Western, or American societies and assess their subsequent significance
- Demonstrate knowledge of diverse cultures, including global and historical perspectives
- Demonstrate knowledge of ethical thinking and its application to societal issues Address any information need through the effective use of technology and the critical evaluation of electronic resources
- Demonstrate critical thinking in each General Education course

These General Education learning outcomes will be assessed regularly, with assessment results used to improve teaching and student learning in General Education courses.

New Jersey Community College Course Categories (Goal Categories)	AA credits	AS credits		AAS, AFA, AS Nursing credits	Certificate credits
Communication (Written and Oral Com.)	9	6		6	3
Mathematics – Science – Technology Mathematics 3-8 cr. (Quantitative Knowledge & Skills) Science 3-8 cr. (Scientific Knowledge & Reasoning) Technological Competency 0-4 cr.	12	9		3	3
Social Science (Society and Human Behavior)	6	3	3	3	
Humanities (Humanistic Perspective)	9	3			
History (Historical Perspective)	6				
Diversity courses (Global & Cultural Awareness)	3				
Unassigned general education credit		6		8	
General education foundation total	45	30		20	6

## General Education Courses

Unless otherwise noted, all courses are 3 credits.

### COMMUNICATION

- ENG 109 Speech Fundamentals
- ENG 111 English Composition I
- ENG 112 English Composition II
- ENG 131 English Composition I (Honors)
- ENG 132 English Composition II (Honors)

### MATHEMATICS – SCIENCE - TECHNOLOGY MATHEMATICS

- MAT 108 Basic Statistics
- MAT 110 College Algebra
- MAT 113 Applied Calculus (4Cr)
- MAT 117 Math Analysis for Bus. & Eco.
- MAT 118 Calculus w/Application to Bus. & Eco.
- MAT 120 Math for the Liberal Arts
- MAT 123 Pre-Calculus (4Cr)
- MAT 124 Statistics
- MAT 126 Advanced Statistics
- MAT 130 Probability & Statistics (4Cr)
- MAT 131 Analytic Geometry & Calculus I (4Cr)
- MAT 132 Analytic Geometry & Calculus II (4Cr)
- MAT 180 Statistics (Honors)
- MAT 228 Linear Algebra
- MAT 230 Calculus III (4Cr)
- MAT 232 Differential Equations

### SCIENCE

In order to fulfill a science general education requirement, students must complete at least one science course that includes a laboratory component.

- BIO 100 Elements in Biology
- BIO 101 Anatomy & Physiology I (4Cr)
- BIO 102 Anatomy & Physiology II (4Cr)
- BIO 118 Biomedical Ethics
- BIO 121 General Biology I (4Cr)
- BIO 122 General Biology II (4Cr)
- BIO 123 Cell Biology (4Cr)
- BIO 127 Bio of Environmental Concerns (4Cr)
- BIO 132 Concepts in Biology (4Cr)
- BIO 133 Human Biology (4Cr)
- BIO 137 Concepts of Microbiology (4Cr)
- BIO 180 General Biology I (Honors) (4Cr)
- BIO 181 General Biology II (Honors) (4Cr)
- BIO 201 Genetics (4Cr)
- BIO 202 Ecology (4Cr)
- BIO 215 Microbiology (4Cr)

- BIO 260 Introduction to Marine Biology (4Cr)
- BIO 262 Introduction to Marine Sciences (4Cr)
- BIO 274 Pathophysiology
- CHM 100 Elements of Chemistry
- CHM 105 Forensic Science (4Cr)
- CHM 117, 118 Introductory Chemistry/Lab (3/1Cr)
- CHM 120 Chemistry of World Concerns (4Cr)
- CHM 125, 126 General Chemistry I Lecture/Lab (3/1Cr)
- CHM 127, 128 General Chemistry II Lecture/Lab (3/1Cr)
- CHM 212 Biochemistry (4Cr)
- CHM 219 Quantitative Chemical Analysis (5Cr)
- CHM 220 Instrumental Methods of Analysis (5Cr)
- CHM 231, 232 Organic Chemistry I Lecture/Lab (3/1Cr)
- CHM 233, 234 Organic Chemistry II Lecture/Lab (3/1Cr)
- SCI 101 Natural Science
- SCI 118 General Astronomy (4Cr)
- PHY 103 Concepts of Physics (4Cr)
- PHY 118 Meteorology (4Cr)
- PHY 125, 126 General Physics I Lecture/Lab (3/1Cr)
- PHY 127, 128 General Physics II Lecture/Lab (3/1Cr)
- PHY 133, 134 Engineering Physics II Lecture/Lab (3/1Cr)
- PHY 232, 233 Engineering Physics III Lecture/Lab (3/1Cr)

### TECHNOLOGICAL COMPETENCY

- CMP 101 Computer Information Literacy (1Cr)
- CMP 104 Internet Literacy
- CMP 110 Introduction to Data Processing
- CMP 113 Computer Concepts
- CMP 126 Computer Concepts and Applications
- CMP 128 Computer Science I
- CMP 203 Computer Software Applications

### SOCIAL SCIENCE

- ECO 113 Elements of Economics
- ECO 120 Introduction to Economics & Economic Issues
- ECO 211 Principles of Economics I: Macroeconomics
- ECO 212 Principles of Economics II: Microeconomics
- POL 111 American Government
- POL 231 State and Local Government
- POL 240 International Politics
- POL 245 Comparative Government
- PSY 113 General Psychology
- PSY 180 General Psychology (Honors)
- PSY 213 Child Psychology
- PSY 214 Adolescent Psychology
- PSY 215 Child Psychology (Honors)
- PSY 219 Developmental Psychology: The Human Lifespan

*Continued on next page.*

SOC 108 Cultural Geography  
 SOC 120 Principles of Sociology  
 SOC 180 Principles of Sociology (Honors)  
 SOC 215 Physical Anthropology  
 SOC 216 Cultural Anthropology  
 SOC 217 Archaeology  
 SOC 224 Social Psychology

## HUMANITIES

ENG 115 The Short Story  
 ENG 116 The Novel  
 ENG 119 Introduction to Poetry  
 ENG 206 African & African-American Literature  
 ENG 220 Contemporary Literature  
 ENG 228 Literature of the Theatre  
 ENG 233 History of Theatre I  
 ENG 234 History of Theatre II  
 ENG 243 World Literary Traditions: Beginnings to 1650  
 ENG 244 World Literary Traditions: 1650 to Present  
 ENG 246 English Classics  
 ENG 247 Major British Writers: 19th & 20th Century  
 ENG 249 American Literature: Colonial Era – Civil War  
 ENG 250 American Literature: Civil War - 20th Century  
 ENG 283 World Literary Traditions: Beginnings to 1650 (Honors)  
 ENG 284 World Literary Traditions: 1650 to Present (Honors)  
 ART 114 Contemporary Art  
 ART 116 American Art  
 ART 133 Art History I  
 ART 134 Art History II  
 ARA 111 Elementary Arabic I  
 ARA 112 Elementary Arabic II  
 ARA 211 Intermediate Arabic I  
 ASL 111 American Sign Language I  
 ASL 112 American Sign Language II  
 CHI 111 Elementary Chinese I  
 CHI 112 Elementary Chinese II  
 CHI 211 Intermediate Chinese I  
 CHI 212 Intermediate Chinese II  
 FRE 111 Elementary French I  
 FRE 112 Elementary French II  
 FRE 211 Intermediate French I  
 FRE 212 Intermediate French II  
 GER 111 Elementary German I  
 GER 112 Elementary German II  
 GER 211 Intermediate German I  
 GER 212 Intermediate German II  
 HBR 111 Elementary Modern Hebrew I  
 HBR 112 Elementary Modern Hebrew II  
 ITL 111 Elementary Italian I  
 ITL 112 Elementary Italian II  
 ITL 211 Intermediate Italian I  
 ITL 212 Intermediate Italian II  
 JPN 111 Elementary Japanese I  
 JPN 112 Elementary Japanese II  
 JPN 211 Intermediate Japanese I  
 JPN 212 Intermediate Japanese II  
 LAT 111 Elementary Latin I  
 LAT 112 Elementary Latin II  
 PTG 111 Elementary Portuguese I  
 PTG 112 Elementary Portuguese II  
 RUS 111 Elementary Russian I  
 RUS 112 Elementary Russian II  
 RUS 211 Intermediate Russian I  
 RUS 212 Intermediate Russian II  
 SPN 111 Elementary Spanish I  
 SPN 112 Elementary Spanish II  
 SPN 211 Intermediate Spanish I  
 SPN 212 Intermediate Spanish II  
 SPN 223 Survey of Latin American Literature  
 PHO 111 Introduction to Photography  
 PHO 113 History of Photography  
 MUS 114 American Music  
 MUS 143 World Music and Culture  
 MUS 150 Jazz History & Styles  
 MUS 163 Rock History & Culture  
 MUS 217 Music History & Literature to 1750  
 MUS 218 Music History & Literature from 1750  
 MUS 248 Enjoyment of Music  
 MUS 258 Contemporary Music 20th – 21st Century  
 COM 234 Introduction to Film  
 DAN 111 Introduction to Dance (1Cr)  
 DAN 112 Dance Appreciation  
 DAN 134 Dance History  
 PHL 111 Introduction to Philosophy  
 PHL 114 Ethics  
 PHL 115 Logic  
 PHL 180 Introduction to Philosophy (Honors)  
 PHL 212 Philosophy and Religion  
 PHL 280 Ancient Philosophy (Honors)  
 HIS 183 Modern Social Thought



**HISTORY**

All courses in the History category listed below are also general education courses in Humanities.

HIS 113 Early Modern Europe  
 HIS 114 Modern Europe  
 HIS 117 The Ancient World – Greece & Rome  
 HIS 118 The Middle Ages  
 HIS 123 History of Modern Africa  
 HIS 147 History of Modern East Asia  
 HIS 148 Modern Middle East  
 HIS 151 Latin American History  
 HIS 166 U.S. History I  
 HIS 167 U.S. History II  
 HIS 180 The Ancient World – Greece & Rome (Honors)  
 HIS 181 The Middle Ages (Honors)  
 HIS 184 Early Modern Europe (Honors)  
 HIS 185 Modern Europe (Honors)  
 HIS 203 History of Minorities  
 HIS 204 History of the African-American Experience  
 HIS 209 History of American Women  
 HIS 210 History of American Women (Honors)

**DIVERSITY**

ART 133 Art History I  
 ART 134 Art History II  
 ENG 118 Children's Literature  
 ENG 206 African and African-American Literature  
 ENG 243 World Literary Traditions: Beginnings to 1650  
 ENG 244 World Literary Traditions: 1650 to Present  
 ENG 283 World Literary Traditions: Beginnings to 1650 (Honors)  
 ENG 284 World Literary Traditions: 1650 to Present (Honors)  
 FRE 211 Intermediate French I  
 FRE 212 Intermediate French II  
 FRE 221 French Conversation & Literature I  
 GER 211 Intermediate German I  
 GER 212 Intermediate German II  
 GER 221 German Conversation & Literature I  
 ITL 211 Intermediate Italian I  
 ITL 212 Intermediate Italian II  
 RUS 211 Intermediate Russian I  
 RUS 212 Intermediate Russian II  
 SPN 211 Intermediate Spanish I  
 SPN 212 Intermediate Spanish II  
 SPN 220 Survey of Spanish Literature  
 SPN 223 Survey of Latin American Literature  
 HIS 122 History of Russia  
 HIS 123 History of Modern Africa

HIS 147 History of Modern East Asia  
 HIS 148 Modern Middle East  
 HIS 151 Latin American History  
 HIS 203 History of Minorities in U.S.  
 HIS 204 History of the African-American Experience  
 HIS 209 History of American Women  
 HIS 210 History of American Women (Honors)  
 HIS 247 History of the American City & Suburb  
 ISA 110 Intercultural Communication  
 ISA 215 Survey of Islam  
 MUS 114 American Music  
 MUS 143 World Music and Culture  
 MUS 163 Rock History & Culture  
 MUS 248 Enjoyment of Music  
 PHL 212 Philosophy & Religion  
 PHL 215 Buddhist Philosophies  
 PSY 116 Psychology & Education of the Disabled  
 PSY 218 Cross-Cultural Psychology  
 SOC 108 Cultural Geography  
 SOC 120 Principles of Sociology  
 SOC 180 Principles of Sociology (Honors)  
 SOC 202 Contemporary Social Issues  
 SOC 206 Religion & Human Experience  
 SOC 209 The Family  
 SOC 214 Cultural Diversity in America  
 SOC 215 Physical Anthropology  
 SOC 216 Cultural Anthropology  
 SOC 221 Sociology of Gender  
 SOC 224 Social Psychology  
 SOC 230 Sociology of Globalization  
 SOC 280 Contemporary Social Issues (Honors)