



Miami Dade
College

Academic Schools and CTE Programs



Academic Schools

Benjamín León School of Nursing

Miguel B. Fernandez Family School of Global Business,
Trade and Transportation

School of Continuing Education and
Professional Development

School of Education

School of Engineering, Technology and Design

School of Health Sciences

School of Justice, Public Safety and Law Studies

School of Science

MDC WORKS: Next Generation Career Studio

Career & Technical Education



Since opening its doors in 1960, Miami Dade College (MDC) has become synonymous with lifting the lives of successful students and making invaluable contributions to the Greater Miami community. Known as Democracy's College, MDC provides its students with accessible, high-quality and affordable learning experiences. The College embraces its role as an economic, cultural and academic leader and is at the vanguard of innovation, providing critical workforce training and education in many emerging fields.

The College also provides outstanding short-term professional development courses and certificate programs in many disciplines that lead to immediate employment. In addition to serving students of all ages with varied goals, MDC provides educational excellence to all regardless of race, ethnicity, religion, sexual orientation, political affiliation or immigration status.



Miami Dade College has admitted more than 2 million students since its inception and formed the nation's most diverse student body. Despite its size, the College takes pride in the personal attention and sense of community experienced at every one of its eight campuses. MDC's academic programs offer a range of degree pathways that prepare students to enter the workforce or pursue higher educational goals.

MDC by the NUMBERS



8 campuses plus online



Over 300 career pathways



79 Associate in Arts (AA) pathways



97 Associate in Science (AS) programs



Nearly 20 bachelor's degree programs plus concentrations



Over 100 certificate programs plus tracks and concentrations

DID YOU KNOW?

MDC has articulation agreements with more than 300 of the nation's top institutions, facilitating the transfer process to upper division or graduate programs!

MOST DEGREES AWARDED IN THE U.S.

No. 1

in associate degrees in liberal arts and sciences, general studies and humanities

No. 1

in degrees awarded to Hispanics

No. 4

in degrees awarded to African Americans

MDC GRADS BY THE NUMBERS

82% of graduates with AA degrees transfer to four-year institutions

97% of graduates with bachelor's degrees employed within one year

Academic Schools Overview

Miami Dade College's Academic Schools are truly in tune with the global industry environment that is changing at a more rapid pace than ever before as a result of emerging technologies and occupations. MDC collaborates regularly with industry partners to identify trends and challenges, creating strategies for these evolving opportunities. The College is the bridge between citizens seeking careers with financial stability and organizations looking for sustainable business models.

MDC is also focused on expanding and developing new programs to support the Beacon Council's One Community One Goal initiative and the defined targeted industries [see next page] that are marked for high wages and job growth. MDC is at the forefront of efforts to support the Miami community and beyond, working under a proactive rather than reactive model.



Miami Dade College Focuses on Targeted Industries

Committed to providing the most impactful educational options for the community, MDC works with industry to ensure workforce-ready graduates. Much of this work involves aligning curriculum with the seven industries marked for rapid growth in the Miami-Dade Beacon Council's One Community One Goal economic development plan.

Throughout this book, symbols from this key will indicate that a particular program prepares students for a specific target industry. These areas have the highest potential for job growth and high wages.



Aviation



Banking and Finance



Creative Design



Hospitality and Tourism



Life Sciences and Health Care

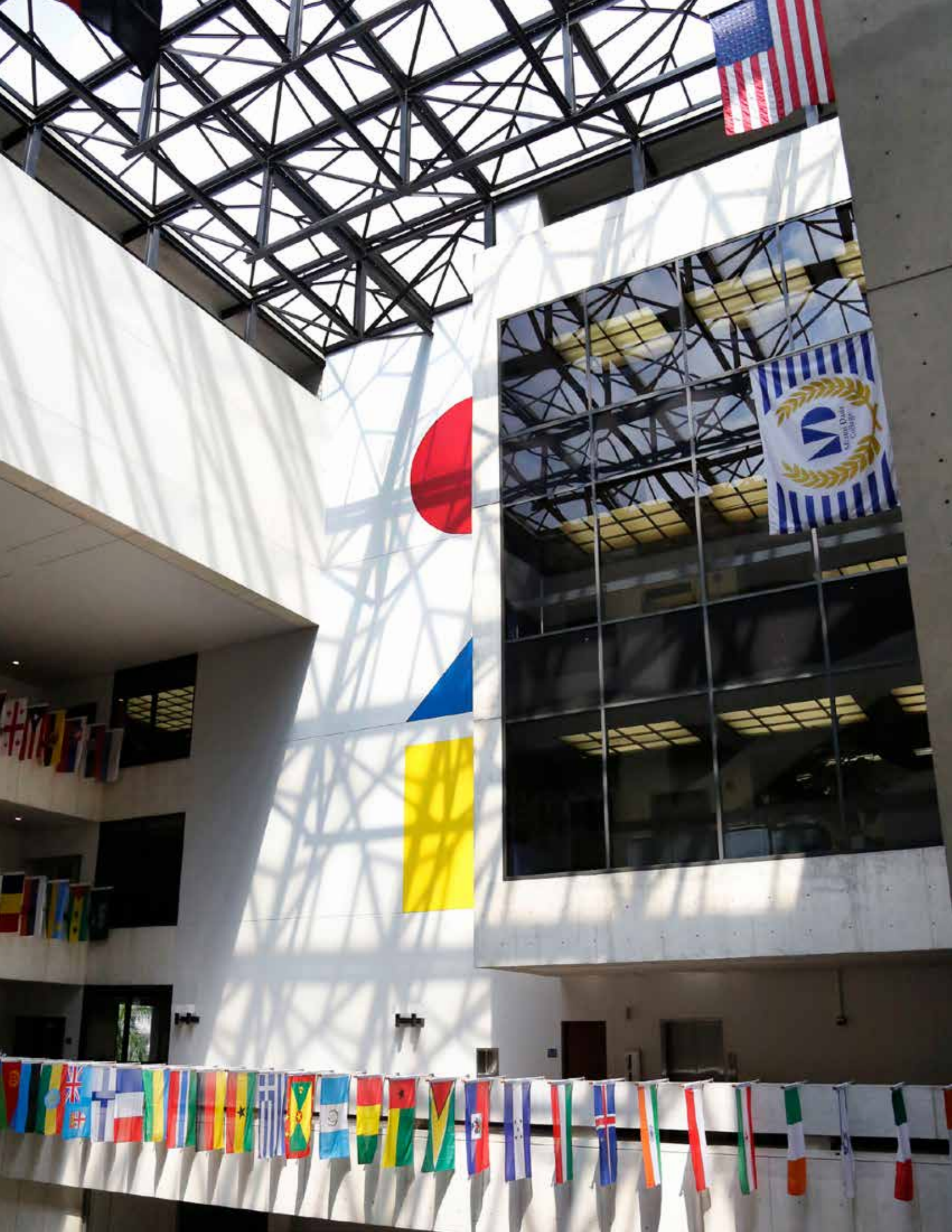


Information Technology



Trade and Logistics





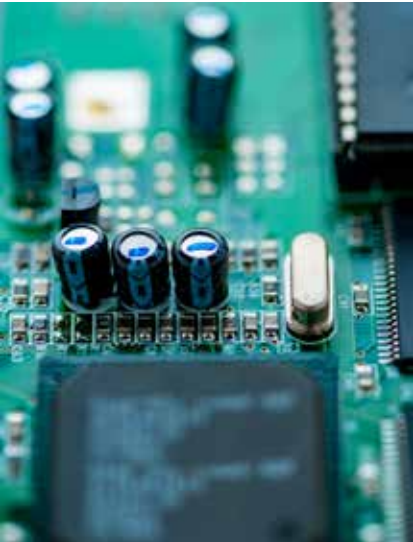


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MDC WORKS: Next Generation Career Studio

The MDC WORKS Career Studio is a state-of-the-art physical and virtual space where students can explore, prepare, and launch their careers. It offers Miami Dade College students on all 8 campuses career development services relevant to our changing times, when technology is deeply impacting the workplace, employment landscape, job-search strategies and career skills desired by employers.

At MDC WORKS, students obtain first-rate professional career advice and training, as well as the tools and resources they need to successfully continue their career journeys. Services include resume building, mock interviews and coaching, LinkedIn strategy, networking and on-trend professional development skills.

By partnering with local employers, MDC WORKS also offers students opportunities to engage with industry through career fairs, sponsored workshops, classroom presentations

and a variety of events. The career studio also facilitates internships and other work-based learning experiences, as well as job placement opportunities with industry partners.

MDC WORKS encourages students to be the designers of their own careers and fosters an environment of continuous learning related to career development. Educational opportunities do not end when students complete their degrees – nor does learning end when they secure their first job.

Contact

305-237-9675 (WORK)
mdcworks@mdc.edu
mdc.edu/mdcworks

Main Office, Wolfson Campus

401 N.E. Second Ave., Room 4102
Miami, FL 33132-2204



Career and Technical Education (CTE)

programs provide students with academic knowledge and technical training that not only prepares them for specific occupations but also instills a desire for life-long learning. CTE prepares students for the workforce by introducing them to skill-based competencies through academic content and work-based learning. CTE programs provide students affordable, accelerated, non-traditional educational options that can lead to employment in high-skill, high-wage, high-demand occupations throughout Miami-Dade County and South Florida.

CTE students are able to obtain industry certifications, college credit certificates, career certificates, advanced technical diplomas, Associate in Science (A.S.) and/or Associate in Applied Science (A.A.S.) degrees in their program of study. Many students also apply knowledge, skills and credentials earned in CTE programs toward pursuit of bachelor's or master's degrees.

Florida Department of Education Career and Technical Education career clusters offered at Miami Dade College:

- > Agriculture, Food & Natural Resources
- > Architecture & Construction
- > Arts, A/V Technology & Communication
- > Business Management & Administration
- > Education & Training
- > Engineering & Technology Education
- > Finance
- > Government & Public Administration
- > Health Science
- > Hospitality & Tourism
- > Human Services
- > Information Technology
- > Law, Public Safety & Security
- > Manufacturing
- > Marketing, Sales & Service
- > Transportation, Distribution & Logistics

Registered Apprenticeships assist employers with the development and application of industry standards for training programs. These programs increase productivity and improve workforce quality. Apprenticeships are also an effective recruitment tool, increasing technical skills and employment opportunities.

Apprenticeships are an Earn-as-You-Learn model: students are employed while attending school. By providing on-the-job training, related classroom instruction and guaranteed wage structures, employers who onboard apprentices provide incentives to attract and retain more highly qualified employees and improve productivity.

MDC is the first educational institution in Florida to receive the designation of Program Sponsor by the Florida Department of Education (FLDOE). As a Program Sponsor, MDC is authorized to register occupations, employers and apprentices to participate in a Registered Apprenticeship Program. The College currently has seven Registered Apprenticeship Programs: Automotive, Aviation, Business, Information Technology, and Logistics and Transportation. MDC plans to expand its apprenticeships to include Banking and Finance, Construction, Education, Hospitality and Tourism, and Health Care. Certifications earned through Registered Apprenticeship Programs are nationally recognized.

For more information contact:

305-237-7260
cte@mdc.edu
mdc.edu/apprenticeships



Benjamín León School of Nursing



More than 57 years ago, Miami Dade College created a nursing program to meet the rapidly growing need for registered nurses in Miami-Dade County and has since graduated over 23,000 nurses. The Benjamín León School of Nursing is one of the top 100 associate degree producers for all minorities in the U.S.

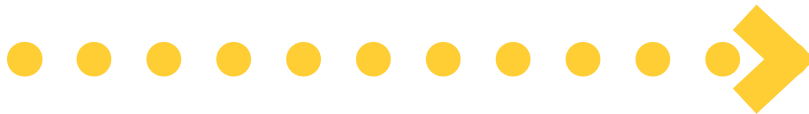
Networking in Nursing

The Associate in Science and Bachelor of Science in Nursing programs ally with quality medical institutions offering educational, health promotion and disease prevention programs throughout Miami-Dade County. The school partners with the health care industry to provide additional services, including primary care education and specialty services such as mental health and pediatric care. Students participate in various settings, including the Baptist Health Care System, Jackson Health System, Mt. Siani, Tenet Healthcare and the Miami Jewish Home & Hospital for the Aged, among many others. Furthermore, Jackson and Baptist offer scholarship programs for students pursuing their nursing degrees at MDC. Miami Dade College's Benjamín León School of Nursing has been recognized as one of the top nursing schools for the ASN degree in the State of Florida. With the RN to BSN recognized as the "Fourth Best Program" in the state of Florida and eighth best for affordability in the country by Nursingprocess.org and rntomsn.org respectively.

Quality Education

The school continues to be the choice for quality instruction since it provides a diverse student population with an excellent professional nursing education that emphasizes lifelong learning while preparing the students to be change-makers in an evolving global society.








Real-World Practice

Miami Dade College’s Benjamín León School of Nursing consistently promotes student-centered learning by encouraging analysis of theories in nursing; prioritizing professionalism, communication and interdisciplinary collaboration to deliver quality health care; and improving the practice of nursing through simulated and real-world clinical experiences.

Inspirational Instructors

The excellence of any educational institution is determined by the caliber of its faculty. The Benjamín León School of Nursing is no exception and has many distinguished faculty members. The Nursing Faculty have current clinical and classroom experiences to provide students with a variety of perspectives and educational opportunities in state-of-the-art facilities. They are involved in the students’ learning process from day one, imparting knowledge, skills and the attitude that helps them best serve the needs of all clients.

PROGRAMS

-  **Bachelor of Science Degree**
Nursing (RN to BSN)
-  **Associate in Science Degrees in Nursing (ASN)**
Generic Full-Time Option
Generic Part-Time Option
Transition Option
Transition/Bridge Option
Accelerated Option
-  **Industry Certification**
Registered Nurses Licensure - NCLEX-RN



Contact

The Benjamín León School of Nursing
305-237-4101
mblsn@mdc.edu
mdc.edu/nursing



Miguel B. Fernandez Family School of Global Business, Trade and Transportation

The Miguel B. Fernandez Family School of Global Business, Trade and Transportation combines programs led by dynamic faculty with real-world experience to prepare students for the jobs of today. The school is also home to the Miami Hospitality Center, Miami Culinary Institute, and Miami Dade College's renowned Eig-Watson School of Aviation.

Powerful Partnerships

Industry partners consult on new and modified curriculum. Faculty and students have the opportunity to interact with industry partners through guest lectures and events. One such industry partner is Ernst and Young (EY), a multinational professional services firm and one of the Big Four accounting firms. The school's partnership with EY focuses on strengthening the accounting curriculum and getting students internships. The School of Aviation collaborates with global aviation

entities to provide the most innovative programs in the aviation, transportation and logistics industries. The hospitality management program works with cruise lines, restaurants, hotels – including Hilton and Marriott – and other properties to establish internships, employment opportunities and student field trips.

Expansive Opportunities

Students continue to choose the Fernandez School of Global Business for many reasons, including smaller class sizes with personalized teaching that provide students with generous opportunities to learn while getting to know their professors and classmates. Students have several class options collegewide, including blended course offerings; this flexibility allows students to fit school into their busy lives. Furthermore, this school's rigorous and rewarding programs prepare students with the knowledge and skills needed for great jobs within their industry.

Immersive Experiences

The school provides hands-on workplace experience by placing students in internships and consultancies with industry partners. The curriculum provides immersive experiences in starting a business venture through the capstone projects that align with Miami's entrepreneurial ecosystem. Additionally, the school connects students to meaningful co-curricular activities that engage industry partners and enable students to deepen the knowledge and skills gained in the classroom.

Interactive Instruction

The school has numerous distinguished faculty members who have a combination of real-world and academic experiences. The professors are devoted to student achievement by focusing on the students' learning process and making their classes both interactive and technology driven. The faculty regularly participates in the annual MDC Conference Day, which allows them to make presentations on various topics within academia. In addition, these outstanding professors engage in industry conferences, presentations and student-led organizations, such as Phi Beta Lambda, Sigma Beta Delta and the Propeller Club.

A Competitive Advantage: Business Innovation and Technology (BIT) Center

The velocity of change across the business landscape demands that students have early access to emerging technologies. The state-of-the-art BIT Center at MDC's Wolfson Campus serves as a hub for exploring

and cultivating the role of real-time technologies in digital transformation, process automation and business analytics, offering students a real-world competitive advantage.

At the BIT Center, students have access to powerful software such as Google Analytics for examining online consumer behavior, Salesforce for customer relationship management and marketing, Tableau for data visualization, and Bloomberg Terminals for real-time financial data, news, markets, trends and patterns relevant to financial traders and business in general.

Contact

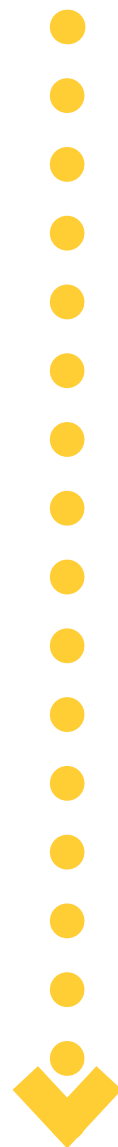
**Business Innovation and
Technology (BIT) Center**
mdc.edu/bitcenter

**Eig-Watson School
of Aviation**
305-237-5900
haviation@mdc.edu
mdc.edu/aviation

Miami Culinary Institute
305-237-3276
miamidadeculinary.com

Miami Hospitality Center
305-237-3267
mdc.edu/hospitality

**Miguel B. Fernandez Family
School of Global Business,
Trade and Transportation**
305-237-2775
mdc.edu/business



PROGRAMS

Aviation

Associate in Science Degrees

-  Aviation Administration
-  Aviation Maintenance Management
-  Professional Pilot Technology
-  Transportation and Logistics

College Credit Certificates

-  Airline Maintenance Procedures and Records
-  Logistics and Transportation Specialist
-  International Freight Transportation

Industry Certifications

- FAA Certified Flight Instructor
- FAA Commercial Pilot
- FAA Airframe and Powerplant



- FAA Instrument Rating
- FAA Multi-Engine Certificate
- FAA Private Pilot

Global Business

Bachelor of Applied Science Degrees

- Supervision and Management with concentrations in:
 - Accounting
 - Human Resources Management
 - Hospitality & Restaurant Management

-  Supply Chain Management

Associate in Arts Pathway

- Business Administration

Associate in Science Degrees

- Accounting Technology
- Business Administration, with specializations in:
 - Business Management
 - Marketing
 - Human Resources
 - International Business
 - Small Business Management
- Entrepreneurship, with specializations in:
 - Family-Owned Business
 - Start-Up Venture
 - Social Venture



- Financial Services, with specializations in:
 - Banking and Asset Wealth Management
- Marketing, with concentrations in:
 - Digital Marketing
 - Sales and Customer Service



College Credit Certificates

- Accounting
 - Accounting Clerk
 - Tax Specialist
- Business Administration
 - Business Management
 - General Business
-  International Business
 - Marketing
 - Small Business Management
- Entrepreneurship
 - Family-Owned Business
 - Start-Up Venture
 - Social Venture
- Financial Services
 - Banking
 - Wealth Management
- Marketing
 - Digital Marketing Specialist
 - Digital Marketing Strategy
 - Sales and Customer Service

Industry Certifications

- Facebook Certificate
- Lean Six Sigma Green Belt
- Quality Improvement Associate

Culinary Arts

Associate in Science Degree

- Culinary Arts Management

College Credit Certificates

- Chef Apprentice
- Culinary Arts Management


Hospitality

 **Bachelor of Applied Science Degree**

- Supervision and Management
 - Hospitality & Restaurant Management Concentration

 **Associate in Arts Pathway**
Hospitality Management, Travel and Tourism

 **Associate in Science Degree**
Hospitality and Tourism

 **College Credit Certificates**
Rooms Division and Lodging
Food and Beverage Management
Cruise Line Operations



School of Education



Miami Dade College School of Education (MDC SOE) provides training for teachers at all levels. It offers bachelor's degrees in Early Childhood Education (birth to Grade 3); Exceptional Student Education (kindergarten to Grade 12); Mathematics Education (Grades 6-12); and Biology Education. The school also offers workforce credentials: the Florida Child Care Professional Certificate and the National Child Development Associate credential. It offers teacher certification courses for career changers; teacher recertification courses for certificate maintenance; extra licensing through endorsement courses; and the Educator Preparation Institute (EPI), the alternate pathway to teaching. MDC's SOE Early Childhood Education programs are accredited by the National Association for the Education of Young Children (NAEYC). The teacher preparation programs are state-approved, and the EPI was rated #1 in Florida in positively impacting student learning.

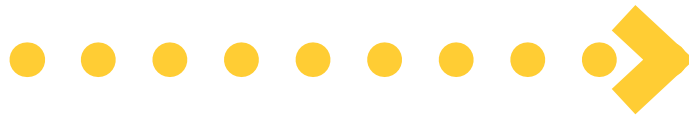
Informed by Education Leaders

MDC SOE has many partners including Miami-Dade County Public Schools (MDCPS), Early Head Start, Head Start, numerous independent child care centers, charter schools, private schools and specialty schools. MDC SOE has vibrant advisory committees comprised of representatives from partner schools as well the Children's Trust, the Early Learning Coalition, school principals, School Board members and local legislators. All serve to inform and ensure curricula and program relevance.

High Job Placement Rates

MDC SOE provides personalized attention to student needs through case managers, faculty mentors, the Clinical Teaching Lab Coach, the Student Placement Office and the E-Portfolio





Office. Classes are offered in multiple formats: face-to-face, blended and web-enhanced. Students are mentored through their clinical hours by full-time faculty who have years of teaching experience in MDCPS and other classrooms. Because of this personalized service and care for each student, more than 95% of graduates are hired upon degree completion in early childhood and Head Start centers as well as MDCPS.

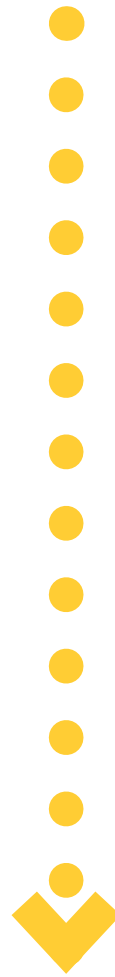
Innovative Education

Hallmarks of MDC SOE’s programs include a focus on educational neuroscience and how the brain learns, research-based best practices in teaching and learning, emphasis on social-emotional learning, extensive clinical experience that bridges theory and practice, and an infusion of technology. MDC SOE focuses on innovation, equity, and excellence in education to inspire students to become change-makers who ensure that every child has an excellent teacher every day. Students participate in active learning using Open Educational Resources – free online educational materials instead of paid-for textbooks – in activity-based classrooms.

Faculty That Facilitates Learning

MDC SOE faculty and administrators represents over 500 years of teaching experience with children from infancy through grade 12. Most are credentialed with terminal degrees in their teaching area. MDC SOE engages in professional development for staff and faculty and provides professional development opportunities for students across the curriculum and aligned with coursework.

MDC SOE faculty and administrators present at national and local conferences and are called upon to consult with schools and centers. They write curriculum that is meaningful and experiential.



Contact

305-237-6203
soetep@mdc.edu
mdc.edu/education





PROGRAMS

Bachelor of Science Degrees

- Early Childhood Education (Birth to Grade 3)
- Exceptional Student Education (Kindergarten-Grade 12)
- Mathematics Education (Grades 6-12)
- Science Education: Biology Concentration (Grades 6-12)

Associate in Science Degrees

- Early Childhood Education: General Track
- Early Childhood Education: Infant-Toddler Track
- Early Childhood Education: Preschool Track
- Early Childhood Education: Administrator Track

College Credit Certificates

- Early Childhood Education Inclusion Specialization
- Infant/Toddler Specialization
- Early Childhood Education - Child Development Early Intervention Specialization
- Early Childhood Education - Preschool
- Early Childhood Education - Administrator

Certificates of Professional Preparation

- Autism Endorsement
- Educator Preparation Institute
- English for Speakers of Other Languages (ESOL) Endorsement
- Gifted Endorsement
- Instructional Design
- Prekindergarten Disabilities Endorsement
- Reading Endorsement

Industry Certifications

- Florida Child Care Professional Certificate
- National Child Development Associate





School of Engineering, Technology and Design



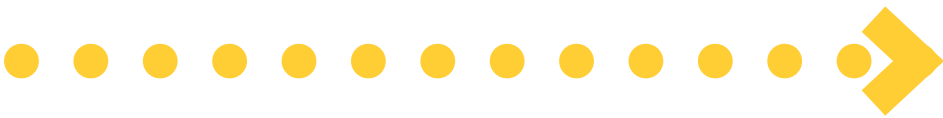
The School of Engineering, Technology and Design (ENTEC) at Miami Dade College has designed its programs and curricula to provide students with exciting opportunities, the highest quality education and a variety of options to achieve success. This school is home to subsidiary departments including the Miami Animation and Gaming International Complex (MAGIC); Miami Fashion Institute; School of Architecture and Interior Design; School of Engineering and Technology; and the School of Entertainment and Design Technology (SEDT).

Collaboration with Industry Experts

The School of Engineering, Technology and Design partners with industry in the development of new and existing programs. These partners provide the technical expertise, equipment, mentorships, internships and jobs for students, while the school brings the classroom environment and the delivery of academic content. Recent examples of successful industry partnerships include the Tesla START program with Tesla; cloud computing programs in collaboration with Microsoft, Generation and Amazon Web Services; and data analytics courses in partnership with NextEra.

A Competitive Edge

The school is highly appealing to students given its focus on hands-on programs, which lead to high-paying jobs in the local community and allow students to be competitive in the international economy as well. From fashion and graphic design to animation and engineering, the programs in this school deliver the



education that the nation's top employers are seeking. Furthermore, no other school offers top programs that prepare students for the 21st century workforce through partnerships with global industry leaders for such an affordable cost.

Staying Relevant

The school is always at the forefront of cutting-edge programs in technology, engineering and design. Most of these programs provide training, preparation for industry certifications, and capstone projects in partnership with industry experts. Additionally, the school maintains advisory boards on multiple vertical markets to keep the programs up to date with current technologies and to offer courses that meet the needs of the industry.



Teachers Who Never Stop Learning

Faculty members from the school undergo continuous professional development through industry training and certifications so they can teach the school's curriculum. They go even further to elevate the school's profile by participating in national trade organizations and presenting at consortiums and events.

Contacts

Architecture and Interior Design

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architectureinfo@mdc.edu
mdc.edu/main/architecture

Engineering and Technology

305-237-3676
entec@mdc.edu
mdc.edu/entec

Entertainment & Design Technology

305-237-1696
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MAGIC

305-237-7851
magic@mdc.edu
magic.mdc.edu

Miami Fashion Institute

305-237-7007
fashion@mdc.edu
mdc.edu/fashion



PROGRAMS

Creative Design

 **Bachelor of Applied Science Degree**
Film, TV and Digital Production


 **Associate in Arts Pathways**
Architecture
Building Construction
Computer Arts Animation
Graphic or Commercial Arts
Interior Design
Landscape Architecture

 **Associate in Science Degrees**
Architectural Design and
Construction Technology
Building Construction Technology
Fashion Design
Fashion Merchandising
Film Production Technology
Graphic Design Technology
Graphic Internet Technology
Interior Design Technology
Music Business
Photographic Technology
Radio & TV Broadcast Programming

 **College Credit Certificates**
Audio Technology
Building Construction Specialist
Computer Aided Design Assistant

Computer Aided Design Operator
Film Production Fundamentals
Graphic Design Support
Pattern Making and Construction
Television Studio Production

Engineering and Technology

 **Bachelor of Science Degrees**
Cybersecurity
Data Analytics
Electrical and Computer
Engineering Technology
Information Systems Technology
(two tracks to choose from)
- Networking
- Software Engineering

 **Associate in Arts Pathways**
Architectural Engineering
Chemical Engineering
Civil Engineering
Computer Engineering
Computer Information Systems
Computer Science
Electrical Engineering
Geomatics Engineering
Industrial Engineering
Mechanical Engineering
Ocean Engineering
Science Engineering





Associate in Science Degrees

- Animation & Game Art
- Business Intelligence Specialist
- Computer Engineering Technology
- Computer Information Technology
- Computer Programming & Analysis
- Cybersecurity
- Database Technology
- Electronics Engineering Technology
- Game Development & Design
- Networking Services Technology



College Credit Certificates

- Automation
- Business Intelligence Professional
- Cisco Certified Network Associate
- Computer Programmer - Business Applications
- Computer Programmer - Mobile Applications
- Digital Forensics
- Engineering Technology Support Specialist
- Enterprise Cloud Computing
- Geographic Information Systems
- Help Desk Support Technician
- Information Technology Support
- Internet of Things Applications
- Lean Manufacturing
- Mechatronics
- Microcomputer Repairer/Installer
- Network Security
- Network Server Administration
- Network Systems Developer
- Oracle Certified dB Administrator
- Rapid Prototyping Specialist
- Solar Energy Systems Specialist
- Virtual and Augmented Reality Technologies (VR/AR)



Career Technical Certificate

- Advanced Automotive Service Technology - Tesla Technician
- Business Computer Programming

Industry Certifications



Creative Design

- Adobe After Effects CC
- Adobe Certified Associate—Dreamweaver
- Adobe Certified Associate—Illustrator
- Adobe Certified Associate—InDesign
- Adobe Certified Associate—Photoshop
- Adobe Premiere Pro CC

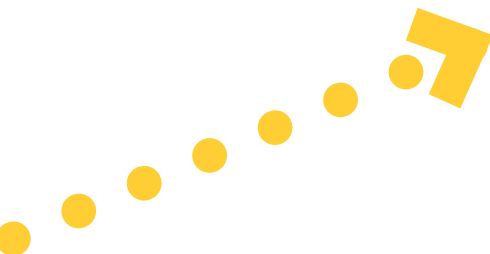


Technology

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect - Associate
- Certified Ethical Hacker (CEH)
- Check Point Certified Security Administrator (CCSA)
- Check Point Certified Security Expert (CCSE)
- Cisco Certified Network Associate (CCNA)
- CompTIA A+
- CompTIA Cloud Essentials
- CompTIA Cybersecurity Analyst (CySA+)
- CompTIA Linux+
- CompTIA Network+
- CompTIA Project+
- CompTIA Security+
- CompTIA Server+
- Microsoft Azure
- Microsoft Modern Desktop Administrators
- Oracle Certified Associate (OCA): Database
- Oracle Certified Associate (OCA): Java Programmer



School of Health Sciences



Strategically located in the heart of Miami-Dade County's Health District, the School of Health Sciences at the Medical Campus of Miami Dade College is committed to providing life-changing opportunities for individuals looking to join the health care profession. By disseminating foundational knowledge in state-of-the-art facilities, such as the Center for Learning, Innovation and Simulation, students can participate in more than 23 educational options.

Clinical Training in the Community

The School of Health Sciences prepares students to hit the ground running and enter the field upon graduation. The College collaborates with a number of industry partners that provide clinical training for students, many of whom are employed by these organizations upon completion of their programs.

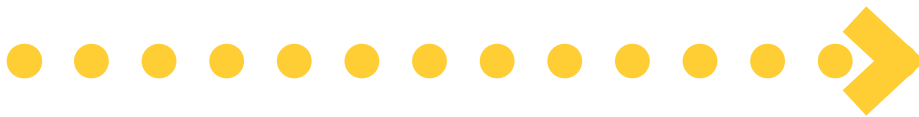
Workforce-Ready Graduates

Graduates from MDC's Medical Campus are regarded in the community as well-trained professionals. This reputation among employers is a strong recruitment tool for the School of Health Sciences, whose students are ready and eager to enter the workforce immediately upon graduation. This, coupled with the lowest tuition rates in the area, has made the School of Health Sciences the preferred choice for individuals interested in the field of health care.

Hands-On Training

The school provides students with best practices and environments that replicate the real-world scenarios they will be working in upon graduation. The Center for Learning, Innovation and

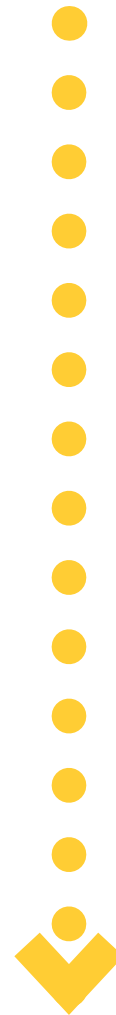




Simulation at the Medical Campus allows students to participate in simulated environments where they can safely apply all of the knowledge and skills obtained in the classroom. In this setting, students gain the hands-on experience needed to succeed in the health care field and test their skills in a controlled and supportive setting.

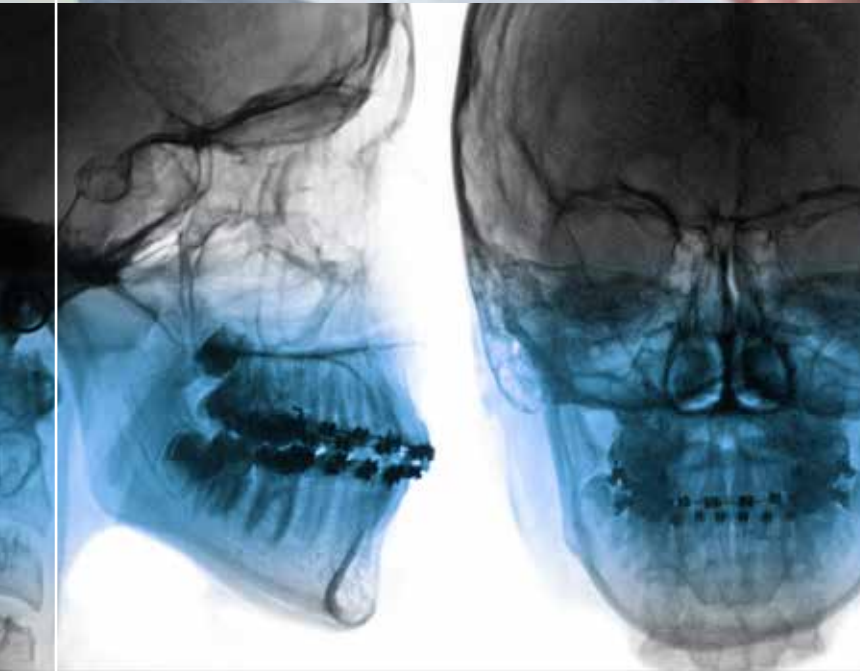
First-Rate Faculty

Faculty members in the School of Health Sciences are recognized professionals in their field who continue to build and maintain relationships with community partners in service to MDC students. They actively participate in professional organizations and engage in community service activities, both of which provide students with the experience and exposure necessary to understand the impact they can have on the profession upon graduation.



Contact

305-237-4103
madvisement@mdc.edu
mdc.edu/health-sciences





PROGRAMS



Bachelor of Applied Science Degree

Health Science with a concentration in Physician Assistant Studies



Associate in Science Degrees

Clinical Laboratory Sciences
Dental Hygiene
Diagnostic Medical Sonography
Emergency Medical Services
Health Information Technology
Histotechnology
Nuclear Medicine Technology
Opticianry
Physical Therapist Assistant
Radiography
Respiratory Care
Veterinarian Technology



College Credit Certificates

Emergency Medical Technician
Healthcare Informatics Specialist
Paramedic



Career Technical Certificates

Massage Therapy
Medical Assisting
Medical Coder/Biller
Pharmacy Technician
Phlebotomy Technician



Industry Certifications

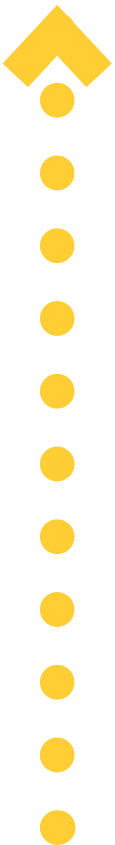
Certified Coding Specialist (CCS, CCA, CCSP)
Certified Physician Assistant (NCCPA)
Certified Respiratory Therapist (CRT)
Certified Veterinary Technology (CVT)

Emergency Medical Technician (EMT)
Histotechnologist (HTL- ASCP)
Dental Hygienist (CDCA)
Licensed Optician (ABO-NCLE/NCSORB)
Massage and Bodywork Licensing Examination (MBLEX)
Medical Laboratory Technician (MLT-ASCP)
Paramedic (NREMT)
Pharmacy Technician (PTCB/NHA)
Physical Therapist Assistant (NNPTE)
Registered Cardiac Sonographer (RCS)
Registered Diagnostic Cardiac Sonographer (RDCS)
Registered Diagnostic Medical Sonographer (RDMS)
Registered Health Information Administrator (RHIA)
Registered Health Information Technician (RHIT)
Registered Medical Assistant (RMA)
Registered Nuclear Medicine Technologist (AART)
Registered Phlebotomy Technician (RPT)
Registered Respiratory Therapist (RRT)
Registered Radiography Technologist (AART)





School of Justice, Public Safety and Law Studies



The School of Justice, Public Safety and Law Studies offers certificates, associate and bachelor's degrees, which are all stackable for progressive academic advancement. Home to crime scene technology, fire science, public safety and criminal justice programs, the school fosters successful graduates. In fact, more than 80% of all public safety professionals in Miami-Dade County have been trained at the School of Justice. Hands-on classes and other options – including web-enhanced courses and weekend classes – allow students to gain the experience they need on a schedule that works for them.

High Standards

Miami is the birthplace of the paramedic profession, and Miami Dade College has a long-standing tradition of preparing students to be the best in the field with excellent facilities and experienced professors. The School of Justice's

training is so highly regarded that foreign entities often reach out to the College to develop programs to train their personnel. The school was also named an Intelligence Community-Centers for Academic Excellence by the Defense Intelligence Agency.

The school also offers a paralegal* program, which has a celebrated reputation throughout the legal community. It is the only paralegal studies program in Miami-Dade County approved by the American Bar Association. The program at The Law Center at MDC is certified to meet the highest standards in legal education.

Unique Partnerships

In addition to gaining support from organizations to secure scholarships, bringing in renowned speakers and connecting students with internships, the school also has unique collaborations to

* According to the American Bar Association, a legal assistant or paralegal is a person, qualified by education, training or work experience, who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. Paralegals may not provide legal services directed to the public except as permitted by law.



facilitate learning. An example is the Inside Out Classroom, launched with a South Florida prison to encourage dialogue between students and incarcerated learners as they take courses together.

Pioneering Practices

The School of Justice closely monitors trends in law enforcement, corrections and the courts to stay abreast of changing climates in these systems of criminal justice. Faculty members stay current and relevant with their training and credentials. School representatives conduct tours of the facilities on a regular basis, do community outreach with middle and high schools, and have collaborated with corrections institutions to offer college classes to corrections personnel and within prison walls for inmates to study alongside students. MDC was the first college in Florida to offer Inside Out Classroom courses.

Experienced Faculty

The School of Justice faculty has real-world experience in the criminal justice field. Each professor brings his/her own perspective to the classroom and uses it to give the class a genuine feel for the career paths offered in the program. As a result, many agencies, organizations and departments have sought out MDC graduates, including the Florida Department of Corrections, Florida Emergency Mortuary Organization Response System (FEMORS), medical examiner offices, U.S. Customs and Border Patrol and more.

PROGRAMS

Bachelor of Applied Science Degrees

- Public Safety Management - Crime Scene Investigation

- Public Safety Management - Criminal Justice
- Public Safety Management - Emergency Management
- Public Safety Management - Security and Loss Prevention

Associate in Arts Pathway

- Criminal Justice Administration

Associate in Science Degrees

- Computer Crime Investigation
- Crime Scene Technology
- Crime Scene Technology-Forensic Science
- Criminal Justice Technology
- Fire Science Technology
- Paralegal Studies (ABA approved)

College Credit Certificates

- Crime Scene Technician
- Homeland Security

Industry Certifications

- Corrections Officer
- Firefighter Minimum Standards
- Law Enforcement Officer
- Private Investigator Intern
- Private Security Officer

Contacts

School of Justice, Public Safety and Law Studies

305-237-1400
 NorthSOJ@mdc.edu
 mdc.edu/justice

ABA Paralegal Program

305-237-7813

Fire Rescue and Emergency Management

305-237-FIRE (3473)
 firescience@mdc.edu



School of Science



Offering a variety of degrees and certificate programs, Miami Dade College's School of Science builds a strong foundation in the study of life and physical sciences. Whether starting a journey to an advanced degree or building skills for today's workforce, students of the School of Science benefit from a modern approach to learning that opens doors to discovery and success.

One of MDC's stackable credentials, the College Credit Certificate in Biotechnology, seeks to prepare students for immediate entry-level employment in the biotechnology, pharmaceutical, or medical device manufacturing industries. The program prepares individuals in the principles, procedures and practices used in the bioscience industries. Credits granted in this program will apply toward an Associate in Science in Biotechnology.

A Top Choice

Students choose the school's programs because of the high-quality curriculum, undergraduate research experiences, individual attention, small class sizes, internship opportunities and highly qualified and motivated instructors.

Engaging Industry

The School of Science collaborates with industry partners through student internships, a required component of the Bachelor of Science in Biological Sciences. During their internships, students typically spend a semester working with an industry partner, such as the biotechnology company TissueTech.

Research Focused

The School of Science offers students the rich experience of authentic undergraduate scientific research, culminating in

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mdc.edu/science



presentations at a number of regional, national and international conferences, including the Annual School of Science STEM Research Symposium. The STEM Research Institute sponsors paid year-round and summer research opportunities. Most are within MDC and collaborating institutions in South Florida and beyond. Collaborators include the University of Florida, Florida Atlantic University, Nova Southeastern University, St. Thomas University and the University of Miami.

Talented Teachers

Full-time faculty members at the School of Science are talented facilitators of learning and are highly qualified in various scientific fields. Faculty selection is a very competitive process as many exceptional instructors want to work here. The school's faculty uses inventive methods to reach students, leveraging technology and new teaching pedagogies to promote higher success rates in rigorous STEM courses. Furthermore, the school's professors are frequent recipients of the Endowed Teaching Chair award for excellence at MDC. They publish research works in reputable scientific journals and many also get invited to present the results of their research endeavors at scientific conferences.

PROGRAMS

Bachelor of Science in Biological Sciences Degrees (BSBS)

- BSBS – Biological Sciences - Medicinal Plant Technology Concentration (forthcoming)



- BSBS – Biopharmaceutical



- Science Concentration
- BSBS – Biotechnology Concentration
- BSBS – Science Education Concentration

Associate in Arts Pathways



- Atmospheric Science & Meteorology



- Biology



- Chemistry

- Environmental Science

- Geology

- Physics

Associate in Science Degrees



- Biotechnology



- Biotechnology – Bioinformatics



- Biotechnology – Chemical Technology



- Funeral Services

- Landscape & Horticulture Technology

- Medicinal Plant Technology (forthcoming)

Advanced Technical Certificates



- Biotechnology



- Biotechnology – Bioinformatics



- Biotechnology – Chemical Technology

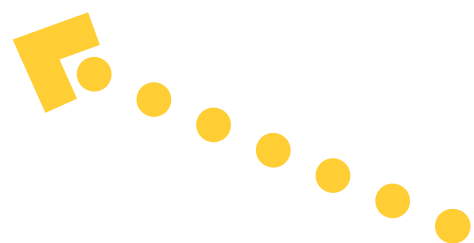
College Credit Certificates



- Biotechnology



- Florida Funeral Director
- Horticulture Professional
- Horticulture Specialist



School of **Continuing Education** and **Professional Development**

Learning is a lifelong endeavor, and Miami Dade College is committed to bringing a wide variety of learning opportunities to the local community through non-credit classes at its School of Continuing Education and Professional Development. Areas of instruction include continuing workforce education, corporate training, recreation, language skills and test preparation.

Continuing Workforce Education

From training for a first job to ongoing professional development, these non-credit courses help individuals gain new skills to enhance their careers so they can expand their horizons beyond the classroom. Affordable courses in many areas of interest are available in the classroom or online with flexible scheduling options.

Corporate Training

With a large selection of customizable seminars, workshops and classes, MDC helps companies invest in their employees. In today's growing, competitive economy, employees are the greatest assets. Research has shown that by developing employees, companies gain an edge

in the marketplace and a loyal, versatile and competent workforce. Employee professional development programs can provide a long-term, sustainable return on investment for any organization.

English for Speakers of Other Languages (ESOL)

The ESOL program at MDC prepares non-native English speakers to obtain employment, and to enhance work-related skills to obtain a better job and citizenship. The program also prepares students to continue their education in degree or certificate programs.

Test Preparation

This program is customized based on the needs of the student. It offers experienced instructors who are ready to assist. It helps students prepare for the General Education Development (GED) test, which is taken to demonstrate mastery of math, science, social studies, reading and writing, and is equivalent to a high school diploma.

Recreation and Leisure

These courses are designed to enrich life at any

Continuing Workforce Education



Corporate Training



English for Speakers of Other Languages (ESOL)



Test Preparation



Recreation and Leisure



School of **Continuing Education** and

stage. Through the recreation courses at MDC, students can learn to sew, create beautiful floral arrangements, play an instrument, dance salsa and more. The College also offers safe and fun summer camps and children's programming.

Range of Course Offerings

1. Professional and Workforce Training
2. Child Care Training
3. Computers and Technology
4. Court-ordered Courses
5. Health Care Careers
6. Industry Licenses and Certifications
7. Language Skills
8. Personal Finance
9. Recreation and Leisure
10. Test Preparation
11. Trade and Logistics

Industry Certifications

A/V, Technology & Communication

Digital Television & Media Production

Accounting

Aquatics

Architecture & Construction Autodesk Certified User - AutoCAD

Business

Accounting and Bookkeeping
Business: Financial
Business: Human Resources
Certified Financial Planner
Income Tax Preparation
Event Planner

Child Care

Licensed Child Care Provider
Early Childhood Education

Education & Training

Early Childhood Education
Director Credential



Engineering

Autodesk Certified User - AutoCAD



Entertainment & Design

Environment

ISA Arborist Certification



Health Careers

Certified EKG Technician
Certified Nursing Assistant
CPR BLS and Heartsaver
Dental Hygienist
EKG Technician
Medical Biller



Professional Development (continued)



Hospitality & Tourism

Lovegevity's Wedding Planning Institute

Insurance

Manufacturing

MSSC Certified Technician (CPT)

Real Estate



Technology

AWS Certified Cloud Practitioner
AWS Certified Solutions Architect
Certified Internet Web Java Script Specialist
Cisco Certified Network Associate (CCNA)
CompTIA A+
CompTIA Cloud+
CompTIA Network+
Microsoft Office Specialist



Trade & Transportation

Certificate Logistics
Transportation and Distribution

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Additional information may be obtained by contacting the College's Equity Officer:

Dr. Joy C. Ruff, at (305) 237 2577 (Voice) or 711 (Relay Service). jruff@mdc.edu.