




# Academic Schools and CTE Programs



Miami Dade  
College



## Academic Schools

Benjamín León School of Nursing

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

School of Education

School of Engineering, Technology and Design

School of Health Sciences

School of Justice, Public Safety and Law Studies

School of Science

School of Continuing Education and  
Professional Development

MDC WORKS: Next Generation Career Studio

Division of Career and Technical Education



## ***Message from the Executive Vice President and Provost, Dr. Malou C. Harrison***

As you peruse these web pages of opportunities, we invite you to immerse yourself in discovering the vast array of industry-aligned, high-demand, workforce-related programs offered at Miami Dade College (MDC). MDC's programs and graduates are highly favored given the currency and relevant credentials and expertise of our world-class faculty; advisory committees comprised of leaders, practitioners and entrepreneurs spanning various high growth job sectors; and the College's global network of partners, employers and other affiliates. We're all about ensuring that through your education and training here at MDC, you're well equipped with the requisite academic, technological and future-ready knowledge and skills that will help you take your next step into immediate employment and your desired career. I invite you to take action by contacting us today to discuss your career aspirations and to learn how MDC's workforce training and professional learning programs can get you there.

**"Students First" @ Miami Dade College**



# Meet Our Academic Leaders



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Miami Dade College has admitted more than 2 million students and counting since its inception, forming one of the nation's most diverse student bodies. 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.



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# MDC by the NUMBERS



8 campuses  
plus online



Over 300 career  
pathways



79 Associate in Arts (AA)  
pathways



82 Associate in Science  
(AS) programs



Nearly 20 bachelor's  
degree programs plus  
concentrations

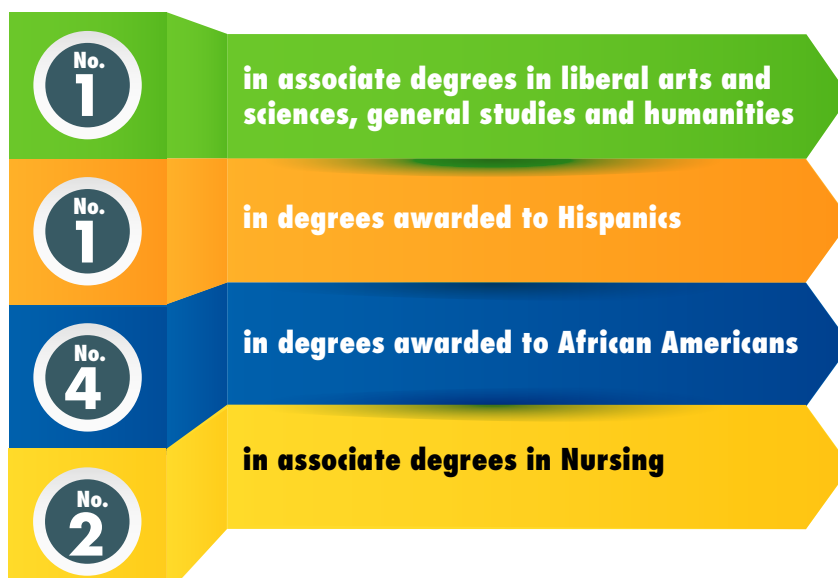


Over 100 certificate  
programs plus tracks and  
concentrations

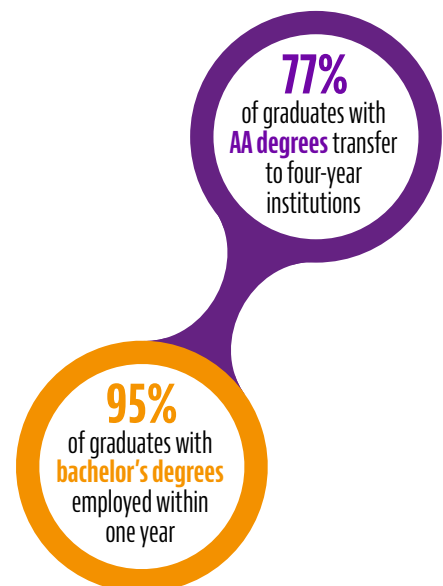
## DID YOU KNOW?

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.



## MDC GRADS BY THE NUMBERS





## ***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 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.



## ***Benjamín León School of Nursing***

**M**ore than 62 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..

More than 50 years ago Miami Dade College created a nursing program to meet the rapidly growing need for registered nurses in Miami Dade County. Today we have graduated nearly 23,000 nurses who are proud to say that they received an excellent education in our School of Nursing. Our alumni are working in every hospital and most of the outpatient facilities in the region, and represent a large percentage of Hispanic nurses nationally. Many of our alumni have gone on for their BSN, MSN, DNP and/or their PhD degrees. Several of our 85 current faculty members are proud graduates of our program.

The school ranks in the top 20 nursing schools of the the Associate in Science in Nursing (ASN) degree in the Miami metro area.

### **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. Sinai, 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. The RN to BSN is 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.

The online program ranks number ninth nationally, as a most affordable RN to BSN Program by RNTOMSN.org. According to NursingProcess.





org, the Miami Dade College RN to BSN program is ranked within the top five in Florida, often placing fourth, for both online and on-campus programs, making it highly regarded in their rankings.

### 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 changemakers in an evolving global society.

### Real-World Practice

The school 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 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.



### CONTACT

#### The Benjamín León School of Nursing

Admissions: 305-237-4141

Department: 305-237-4101

[www.mdc.edu/nursing](http://www.mdc.edu/nursing)

## 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

### Career Technical Certificate

Licensed Practical Nurse

### Industry Certification

Licensed Practical Nursing - NCLEX-PN

Registered Nurses Licensure - NCLEX-RN

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

## **GLOBAL BUSINESS | GLOBAL FOCUS**

### **Embark on a Journey of Endless Possibilities!**

At Miami Dade College's Miguel B. Fernandez Family School of Global Business, Trade and Transportation, we prepare ambitious students to thrive in a fast-paced global economy. With innovative programs in business, finances, economy, logistics, aviation, marketing, hospitality, culinary and more, our curriculum cultivates creativity, strategic thinking and hands-on expertise.

We offer a diverse range of bachelor's and associate degrees, college credit certificates, as well as advanced technical certificates ensuring students gain both theoretical knowledge and practical experience.

Gain a competitive advantage with industry-recognized certifications, including Bloomberg certifications (Bloomberg Market Concepts, Bloomberg Finance Fundamentals and Bloomberg ESG), Hootsuite Social Marketing and HubSpot Digital Marketing, equipping you with the skills employer's demand.

Our exclusive internship programs with prestigious organizations like Port Miami,

Prologis and Bloomberg provide real-world exposure, bridging the gap between learning and professional success.

Guided by expert faculty and strengthened by strong industry partnerships, our school is a gateway to excellence, innovation and success. Join a community where your ambitions take flight, and your future begins today!

Miguel B. Fernandez Family School of Global Business, Trade and Transportation includes specialized disciplines such as Global Business, the Eig Watson School of Aviation, Miami Culinary Institute and the Miami Hospitality Center, providing targeted education and training for high-demand careers for great jobs within their industry.

### **Global Business**

The Global Business discipline equips students with the expertise to excel in the ever-evolving world of international markets. Through a cutting-edge curriculum that integrates business strategy, finance, trade, digital marketing, innovation and the latest advancements in supply chain and logistics







technology, students gain the skills and knowledge to lead and succeed in a globally connected economy.

### **Eig- Watson School of Aviation**

The Eig Watson School of Aviation at Miami Dade College is a premier institution dedicated to shaping the future of the aviation industry. Our programs provide hands-on training, cutting-edge technology, and expert instruction to prepare students for high-demand careers in aviation.

Equipped with the most advanced flight training tools, including Redbird CRV simulators and Air Traffic Control Training UFA systems, students gain real-world experience in a state-of-the-art learning environment.

Whether you aspire to become a pilot, aviation manager or logistics expert, the Eig Watson

School of Aviation is your gateway to a high-flying career!

### **Miami Culinary Institute**

Located in the heart of Miami, the Miami Culinary Institute (MCI) offers a world-class culinary education that blends cutting-edge techniques, sustainable practices and global flavors to prepare students for success in the fast-paced food and hospitality industry.

At MCI, innovation meets tradition to shape the future of gastronomy. With expert-led courses in culinary arts, baking and pastry, restaurant management, and food sustainability, students gain hands-on experience in state-of-the-art kitchens. Additionally, they have the unique opportunity to welcome renowned chefs—both local and international—learning directly from them and even cooking alongside these industry masters.

Dreaming of a career in culinary arts, entrepreneurship, or hospitality? MCI is your gateway to success!

### **Miami Hospitality Center**

The Miami Hospitality Center is a premier destination for students aspiring to lead in the global hospitality and tourism industry. With a curriculum designed to combine business acumen, customer service excellence and hands-on experience, our programs prepare students for dynamic careers in hotel management, event planning, tourism, restaurant operations and cruise line management.

Your future in hospitality starts here — where service meets success!

### **A Competitive Advantage: Business Innovation And Technology (BIT) Center**

The velocity of change across the business landscape demands that students emerge as innovative leaders ready to leverage emerging technologies. The state-of-the-art BIT Center at MDC strengthens the bridge between industry and academia and provides students opportunities for hands-on learning with the latest trends and technology in business, offering students a real- world competitive advantage.

At the BIT Center, students connect with industry leaders who share insights into the dynamic business environment of today and provide expert advice for successful careers. Students also have access to powerful software such as Bloomberg Terminals, which are staples of Wall Street, for real-time financial data, news, markets, trends, and patterns relevant to financial traders and business in general.

### **Industry Certifications**

- Bloomberg
- Hootsuite
- HubSpot
- Google Ads
- Google Analytics

## **PROGRAMS**

### **BACHELOR'S DEGREES - GLOBAL BUSINESS**

#### **Bachelor of Applied Science Degree**

Leadership and Management Innovation with concentrations in:

- Accounting
- Digital Marketing
- Human Resources Management
- Hospitality Management

#### **Bachelor of Applied Science Degree**

Supply Chain Management with concentrations in:

- Procurement Management
- Project Management
- Supply Chain Analytics

### **ASSOCIATE DEGREES**

#### **Associate in Arts Pathway**

Global Business

- Accounting
- Business Administration
- Economics

Hospitality

- Hospitality Administration/Travel and Tourism

#### **Associate in Science Degrees**

Global Business

- Business Administration
- Business Intelligence Specialist
- Marketing
- Transportation and Logistics
- Accounting Technology
- Financial Services – Banking
- Financial Services – Wealth Management
- Entrepreneurship
- Health Services Management

Aviation

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

Hospitality

- Hospitality & Tourism Management

Culinary

- Culinary Arts Management



**COLLEGE CREDIT CERTIFICATES**

## Global Business

- Accounting Technology Management
- Accounting and Budgeting
- Business Industry Operations
- Business Intelligence Professional
- Business specialist – Business Management
- Business specialist – General Business
- Business specialist – Human Resources
- Business specialist – International Business
- Business specialist – Marketing
- Business specialist – Small Business
- Business operations – Business Management
- Business operations – Human Resources
- Business operations – Marketing
- Business operations – small business
- Business entrepreneurship specialist – Social Venture
- Business entrepreneurship specialist – Family-Owned Business
- Business entrepreneurship specialist- Start Up Venture
- Business entrepreneurship operations – Family-Owned Business
- Business entrepreneurship operations- Start Up Venture
- Business entrepreneurship operations – Social Venture
- Digital Marketing Specialist
- Digital Marketing Strategy
- Entrepreneurship
- Health Care Services Specialist
- Tax Specialist
- Sales and Customer Management

## Aviation

- Airline/Aviation Management
- Airport Management
- Airline Maintenance Procedures and Records management
- Air Cargo Management
- Logistics and Transportation Specialist
- Commercial Transport Pilot
- Passenger Service Agent
- International Freight Transportation
- Intermodal Freight Transportation

## Culinary

- Chef Apprentice
- Culinary Arts Management Operations

## Hospitality

- Advanced Technical Certificate
- Cruise Line Operations
- Food & Beverage Management

- Food & Beverage Operations
- Food & Beverage Specialist
- Rooms Division Management
- Rooms Division Operations
- Rooms Division Specialist

**ADVANCED TECHNICAL CERTIFICATES**

- Hospitality Management
- Human Resources Management
- Procurement Management
- Project Management
- Supply Chain Analytics
- Certified Flight Instructor

**CONTINUING EDUCATION COURSES**

Aircraft Structural Assembly & Fabrication  
Apprenticeship

**CONTACT**

**Miguel B. Fernandez**  
**Family School Of Global**  
**Business, Trade And**  
**Transportation**

305-237-2775

[www.mdc.edu/global-business-trade-transportation/](http://www.mdc.edu/global-business-trade-transportation/)

**Eig-Watson School of**  
**Aviation**

305-237-5900

[haviation@mdc.edu](mailto:haviation@mdc.edu) [www.mdc.edu/aviation](http://www.mdc.edu/aviation)

**Miami Culinary Institute**

305-237-3276

[www.miamidadeculinary.com](http://www.miamidadeculinary.com)

**Miami Hospitality Center**

305-237-3267

[www.mdc.edu/hospitality](http://www.mdc.edu/hospitality)

**Business Innovation and**  
**Technology (BIT) Center**

[www.mdc.edu/bitcenter](http://www.mdc.edu/bitcenter)



## School of Education

Miami Dade College's School of Education (SOE) provides comprehensive 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 (Grades 6-12). The school also offers teacher certification courses for career changers, teacher recertification courses for certificate maintenance, additional licensing through endorsement courses, and the Educator Preparation Institute (EPI), an alternative pathway to teaching. The teacher preparation programs are state-approved, and the EPI has been ranked No. 1 in Florida for its positive impact on student learning.

### Informed by Education Leaders

The School of Education (SOE) collaborates with a wide range of partners, including Miami-Dade County Public Schools (MDCPS), Florida Virtual School, HIVE Preparatory School, True North Classical Academy, Early Head Start, Head Start, numerous independent childcare centers, charter schools, private schools and specialty schools. SOE maintains vibrant advisory committees comprised of representatives from partner schools, as well as The Children's Trust, the Early Learning Coalition, school principals, School Board members and local legislators. These committees play a critical role in informing and ensuring the relevance of curricula and programs.

### High Job Placement Rates

SOE provides personalized support to meet student needs through dedicated case managers, faculty mentors, the Clinical Teaching Lab and the Student Placement Office. Students in the School of Education also participate in TeachUp professional learning sessions to enhance their teaching skills. Classes are offered in multiple formats, including face-to-face, blended and web-enhanced modalities. During their clinical hours, students receive mentorship from full-time faculty with extensive teaching experience in Miami-Dade County Public Schools (MDCPS) and other educational settings. This personalized service and commitment to each student's success foster a supportive and enriching learning environment. As a result, more than 95% of graduates are hired upon degree completion in early childhood and Head Start centers, as well as in MDCPS, private and charter schools.

### Innovative Education

Recognized for its innovative approach to education, SOE integrates research-based best practices with dynamic teaching strategies to prepare future educators for the demands of today's classrooms. The curriculum integrates technology and fosters active learning through the use of Open Educational Resources (OER), providing students with free, high-quality materials in engaging, activity-based classrooms. Programs like TeachUp offer professional learning opportunities that enhance teaching skills, while extensive clinical experiences bridge the gap between theory and

More than 95% of graduates are hired upon degree completion in early childhood and Head Start centers, as well as in MDCPS, private, and charter schools.



practice, allowing students to gain hands-on experience with the guidance of experienced faculty and mentor teachers. Through its forward-thinking approach, MDC's School of Education equips graduates to deliver impactful and effective teaching in diverse educational settings.

## Faculty That Facilitates Learning

SOE faculty and administrators collectively bring over 500 years of teaching experience, working with children from infancy through grade 12. Most hold terminal degrees in their respective teaching areas, ensuring a high level of expertise. SOE is deeply committed to developing its human capital through continuous professional development for staff and faculty, while also providing students with professional learning opportunities integrated throughout the curriculum and aligned with their coursework. These efforts enhance the skills and knowledge of future educators, ensuring they are well-prepared to make a meaningful impact in their field.

Faculty and administrators regularly present at national and local conferences, sharing insights and expertise, and are frequently called upon to consult with schools and educational centers. They also design meaningful, experiential curricula that bridge theory and practice, further strengthening SOE's reputation as a leader in teacher preparation and professional learning.



## CONTACT

305-237-6203  
soe@mdc.edu  
www.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 Arts Degrees

- Physical Education Teaching & Coaching
- Teaching (Elementary)
- Teaching (Exceptional Student Education)
- Teaching (Pre-Elementary/Early Childhood)
- Teaching (Secondary)
- Teaching Secondary (Biology)
- Teaching Secondary (Chemistry)
- Teaching Secondary (Earth/Space)
- Teaching Secondary (English/Foreign Languages)
- Teaching Secondary (Mathematics Education)
- Teaching Secondary (Physics)
- Teaching Secondary (Social Science)
- Teaching Secondary (Vocational: Business, Technical, Home)

### 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



## ***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 (SEDТ).

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.

### **Collaboration with Industry Experts**

ENTEC 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, Mobile Application Development with Apple and Amazon Web Services; and data analytics in partnership with NextEra.







### **A Competitive Edge**

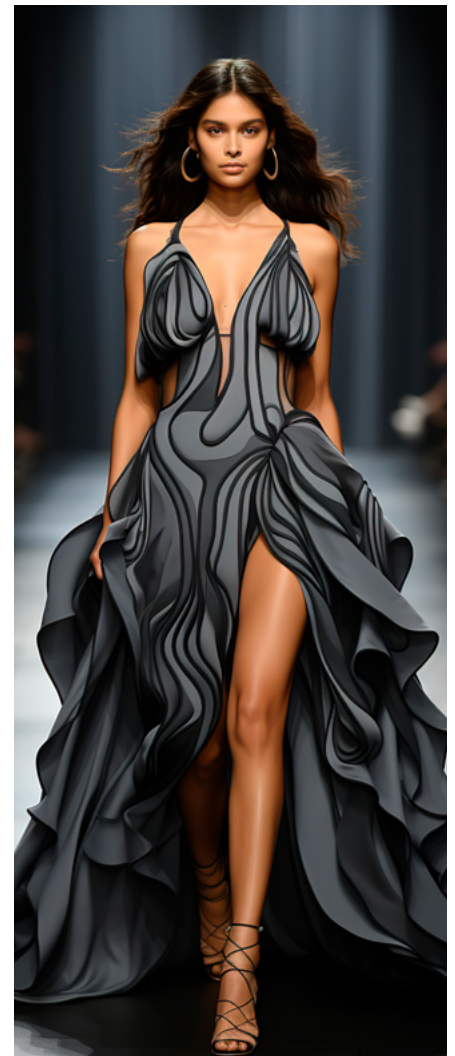
The school is highly appealing to students given its focus on hands-on programs, which lead to high-paying jobs in the local community and allow students to be competitive in the international economy as well. From fashion and graphic design to animation and engineering, the programs in this school deliver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





## 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

Applied Artificial Intelligence  
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

Artificial Intelligence Awareness  
Artificial Intelligence Practitioner  
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

Applied Artificial Intelligence  
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  
Biomedical Engineering  
Chemical Engineering  
Civil Engineering Computer Engineering  
Computer Information Systems Computer  
Science  
Electrical Engineering  
Geomatics Engineering  
Industrial Engineering  
Mechanical Engineering  
Ocean Engineering

#### Associate in Science Degrees

Animation & Game Art  
Business Intelligence  
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  
Cybersecurity Analyst  
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 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  
 Cyber Defense (CPP)  
 Cybersecurity Analyst (CySA+)  
 CompTIA Linux+ CompTIA  
 Network+ CompTIA  
 Project+ CompTIA  
 Security+ CompTIA  
 Server+ Microsoft Azure  
 Microsoft Certified: Data Analytics Associate  
 Networking (CPP)  
 Oracle Certified Associate (OCA): Database

Oracle Certified Associate (OCA):  
 Java Programmer  
 Software Engineering (CPP)  
 Vulnerability Assessment (CPP)

### **CONTACTS**

#### **Architecture and Interior Design**

305-237-2226  
 architectureinfo@mdc.edu  
 www.mdc.edu/main/architecture

#### **Engineering and Technology**

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

#### **Entertainment & Design Technology**

305-237-1696  
 sedt@mdc.edu  
 www.mdc.edu/sedt

#### **MAGIC**

305-237-3560  
 magic@mdc.edu  
 www.magic.mdc.edu

#### **Miami Fashion Institute**

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



## ***School of Health Sciences***

**S**trategically 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 Medical Campus are regarded in the community as well-trained professionals. This reputation among employers is a strong recruitment tool for the school, 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 environment.

### **First-Rate Faculty**

Faculty members in the school 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  
[www.mdc.edu/health-sciences](http://www.mdc.edu/health-sciences)





## PROGRAMS

### Bachelor of Applied Science Degree

Clinical Laboratory Science  
Health Science with a concentration in Physician Assistant Studies  
Histotechnology Concentration

### Associate in Science Degrees

Clinical Laboratory Sciences  
Dental Hygiene  
Diagnostic Medical Sonography  
Emergency Medical Services  
Health Information Technology  
Health Services Management  
Histotechnology  
Nuclear Medicine Technology  
Opticianry  
Physical Therapist Assistant  
Radiation Therapy  
Radiography  
Respiratory Care  
Surgical Technology  
Veterinary Technology

### College Credit Certificates

Emergency Medical Technician  
Endoscopic Technician  
Healthcare Informatics Specialist  
Healthcare Services Specialist  
Medical Coder/Biller  
Paramedic

### Career Technical Certificates

Central Sterile Processing Technician  
Dental Assisting Technology and Management  
Fire Fighter / Emergency Medical Technician  
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)

### Advanced Technical Certificates

Computed Tomography  
Magnetic Resonance Imaging



## ***School of Justice, Public Safety and Law Studies***

The School of Justice, Public Safety and Law Studies offers certificates, associate and bachelor's degrees that 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 longstanding tradition of preparing students to be the best in the field with excellent facilities and experienced professors. The School'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 facilitate learning.

### **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 facilities on a regular basis and do community outreach with middle and high school students. The School of Justice is also an innovator in Higher Education in Prison programming. Faculty and administrators have forged relationships with the Florida Department of Corrections to offer an Associate of Arts degree as well as a BAS via MDC's School of Business inside Everglades Correctional Institution and Reentry Center.

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\* 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.





## 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.

## CONTACTS

### School of Justice, Public Safety and Law Studies

305-237-1400

NorthSOJ@mdc.edu

www.mdc.edu/justice

### ABA Paralegal Program

305-237-7813

lawcenter@mdc.edu

### Fire Rescue and Emergency Management

305-237-FIRE (3473)

firescience@mdc.edu

## 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

CCriminal Justice Administration

Pre-Law

### 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

Intelligence Studies

Real Estate Specialization

### Industry Certifications

Corrections Officer

Firefighter Minimum Standards

Law Enforcement Officer

Private Investigator Intern

Private Security Officer

# 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 benefit from a modern approach to learning that opens doors to discovery and success.

The program prepares individuals in the principles, procedures and practices used in the bioscience industries.

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 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 offers students the rich experience of authentic undergraduate scientific research, culminating in presentations at a number of regional, national and international conferences, including the annual School of Science STEM + Interdisciplinary Undergraduate 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 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.

### CONTACT

305-237-1101  
schoolofscience@mdc.edu  
www.mdc.edu/science

## PROGRAMS

### Bachelor of Science in Biological Sciences Degrees (BSBS)

BSBS – Biopharmaceutical Science Concentration  
BSBS – Biotechnology Concentration

### Associate in Arts Pathways

Agriculture  
Atmospheric Science & Meteorology  
Biology  
Biotechnology  
Chemistry  
Dietetics  
Environmental Science  
Exercise Science  
Forestry  
Geology  
Physics  
Pre-Medical Science/Dentistry  
Pre-Optometry  
Pre-Pharmacy

Pre-Veterinary Medicine  
Recreation

### Associate in Science Degrees

Biotechnology  
Biotechnology – Bioinformatics  
Biotechnology – Chemical Technology  
Funeral Services  
Landscape & Horticulture Technology

### 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***

**M**iami Dade College's School of Continuing Education and Professional Development offers a wide array of community-focused learning opportunities. These professional development classes span continuing workforce education, corporate training, recreation, language skills, and test preparation.

At Miami Dade College, we empower businesses to train their employees and boost performance. By investing in your team's growth, you'll gain a competitive edge.

## **Continuing Workforce Education**

Whether someone is looking for a first job or a new career path, these professional development courses can help them acquire the skills they need to succeed in the workplace. They can choose from a variety of courses that match their interests and goals and take them online or in person at convenient times.

## **Corporate Training**

MDC offers a range of services. At Miami Dade College, we empower businesses to train their employees and boost performance. By investing in your team's growth, you'll gain a competitive edge with a loyal, adaptable, and highly skilled workforce. The School of Continuing Education is ready to help you

unlock the potential of your human capital and drive your business success to new heights with MDC's expertise. Let's build the future of your workforce together! Employee professional development programs can yield long-term benefits for any organization.

## **English for Speakers of Other Languages (ESOL)**

The ESOL program at MDC helps non-native English speakers improve their language skills for employment, education and citizenship purposes. The program also prepares students to pursue further education in degree or certificate programs.

## **Test Preparation**

This program is tailored to the needs of the student. It provides experienced instructors who are ready to help. It helps students get ready for the General Education Development (GED) test, which measures proficiency in 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 and make life more enjoyable at any age.

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



## Range of Course Offerings

### Industry Certifications

Certified Medical Billing and Coding  
 Commercial Drivers License (CDL)  
 Certified Nursing Assistant  
 Real Estate Agent  
 Certified in Logistics, Transportation and Distribution (CLTD)  
 Project Management Professional (PMP)  
 CompTIA  
 App Development with Swift  
 Cisco Certified Network Associate (CCNA)  
 and many more!

### Architecture & Construction

Autodesk Certified User-AutoCAD  
 REVIT  
 Low Voltage Technician  
 Electrician  
 HVAC Technician  
 Carpentry  
 Plumbing  
 Welding

### Business

Accounting and Bookkeeping  
 Finance  
 Human Resources (SHRM)  
 Certified Financial Planner  
 Income Tax Preparation  
 Wedding and Event Planner

### Child Care

Licensed Child Care Provider  
 Early Childhood Education  
 Director Credentials

### Entertainment & Design

Adobe Photoshop

### CONTACT

305-237-0605  
 cemain@mdc.edu  
 ce.mdc.edu

Adobe Illustrator  
 Adobe InDesign  
 Full Stack Web Development  
 Film Production Assistant

### Health Careers

Certified EKG Technician  
 Certified Nursing Assistant  
 CPR BLS and Heart saver  
 Dental Hygienist  
 Certified Medical Billing and Coding

### Technology

Artificial Intelligence  
 Applied AI for Professionals  
 AWS Certified Cloud Practitioner  
 AWS Certified Solutions Architect  
 Certified Internet Web Java Script Specialist  
 Cisco Certified Network Associate (CCNA)  
 CompTIA A+  
 CompTIA Network +  
 CompTIA Cloud +  
 CompTIA Security +  
 Certified Ethical Hacker  
 Data Science  
 Full Stack Web Development  
 Microsoft Office Specialist  
 Microsoft Azure Fundamentals  
 Microsoft Azure Administrator  
 QuickBooks



# ***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 eight 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  
www.mdc.edu/  
mdcworks

**Main Office,  
Wolfson Campus**  
401 N.E. Second Ave.,  
Room 4102  
Miami, FL 33132-2204

## ***Career and Technical Education***

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. The 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 MDC:**

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, A/V Technology & Communication
- Business Management & Administration
- Education & Training
- Energy
- 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 Programs** assist employers to develop and apply industry standards to training programs for registered apprentices. These programs can increase productivity and improve the quality of the workforce. Apprenticeships are an earn-as-you-learn model as students are employed and earn a wage while attending school. Apprentices who complete registered apprenticeship programs are accepted by the industry as journey workers. By providing on-the-job training, related classroom instruction and guaranteed wage increases, employers who train apprentices retain more highly qualified employees and improve productivity. Certifications earned through registered apprenticeship programs are recognized nationwide.

MDC is the first educational institution in Florida to receive the designation of Program Sponsor by the Florida Department of Education (FLDOE). MDC was also deemed Apprenticeship Ambassador by the U.S. Department of Labor. As a Program Sponsor, MDC is authorized to register occupations, employers and apprentices to participate in a Registered Apprenticeship Program. The College currently has 21 Registered Apprenticeship and Preapprenticeship Programs, the most of any educational institution in Florida, including Automotive, Aviation, Business, Construction, Education, Health Sciences, Hospitality, Information Technology, and Logistics and Transportation. Certifications earned through Registered Apprenticeship Programs are nationally recognized.

**CONTACT**

305-237-8384  
 cte@mdc.edu  
[www.mdc.edu/apprenticeships](http://www.mdc.edu/apprenticeships)





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