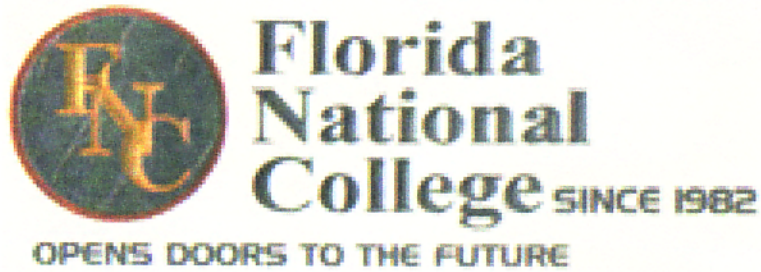# Miami-Dade County Public Schools & Florida National College Articulation Agreements

Miami-Dade County Public Schools TECH Prep Program	Florida National College Associate Degree/Certification
Academy of International Business	Business Administration
Accounting Operations	Junior Accounting
Business Computer Programming	Computer Programming
Business Supervision and Management	Business Administration
Digital Design	Computer Programming
Early Childhood Education	Early Childhood Education
Network Support Services	Computer Programming
PC Support Services	Computer Systems Specialist
Web Design Services	Web Page Design

Web-site: www.florida-national.edu

Florida National College SINCE 1982

OPENS DOORS TO THE FUTURE

Miami-Dade County Public Schools &
Miami Dade College
Articulation Agreements

Miami-Dade County Public Schools TECH Prep Program	Miami-Dade College/ Associate Degrees/Certifications
Academy of International Business	Marketing Management
Accounting Operations	Accounting Technology
Air Conditioning, Refrigeration, & Heating Technology	Air Conditioning, Refrigeration, & Heating Technology
Allied Health/Physical Therapy Aide	Physical Therapy Assistant
Architectural Drafting	Architectural Design and Construction Technology
Architectural Drafting	Building Construction Technology
Architectural Drafting	Drafting and Design Technology
Avionics	Electronics Engineering Technology
Business Supervision and Management	Marketing Management
Computer Electronics Technology	Computer Engineering Technology
Consumer Electronic Product Servicing	Electronics Engineering Technology
Customer Assistance Technology	Marketing Management
Early Childhood Education	Early Childhood Education
Electrical Drafting	Building Construction Technology
Electronic Drafting	Building Construction Technology
Electronic Technology	Telecommunications Engineering Technology
Electronic Technology	Electronics Engineering Technology
First Responder	Emergency Medical Services
Mechanical Drafting	Architectural Design and Construction Technology
Mechanical Drafting	Building Construction Technology
Mechanical Drafting	Drafting and Design Technology
Medical Laboratory Assisting	Medical Laboratory Technology
Nursing Assisting	*Practical Nursing Vocational Credit Certificate
Structural Drafting	Architectural Design and Construction Technology
Structural Drafting	Building Construction Technology
Structural Drafting	Drafting and Design Technology
Vision Care Assisting	Vision Care Technology

Web-site: www.mdc.edu

Miami-Dade County Public Schools &
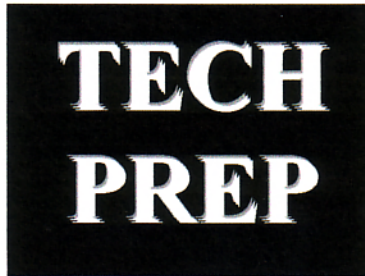## Art Institute of Ft. Lauderdale
Articulation Agreements

Miami-Dade County Public Schools TECH Prep Program	AI FtL Associate Degree/Certification
Network Support Services	Media Arts and Animation *
Network Support Services	Multimedia and Web Design **
Network Support Services	Visual Effects and Motion Graphics *
Network Support Services	Video Production
PC Support Services	Animation Art and Design
PC Support Services	Broadcasting
PC Support Services	Culinary Art
PC Support Services	Culinary Management *
PC Support Services	Digital Media Production *
PC Support Services	Fashion Design
PC Support Services	Interior Design *
PC Support Services	Internet Marketing and Advertising *
PC Support Services	Industrial Design *
PC Support Services	Information Technology and Design
PC Support Services	Media Arts and Animation *
PC Support Services	Multimedia and Web Design **
PC Support Services	Photography
PC Support Services	Visual Effects and Motion Graphics *
PC Support Services	Video Production
Television and Radio Broadcast Arts	Video Production
Television and Radio Broadcast Arts	Digital Media Production *
Television and Radio Broadcast Arts	Broadcasting
Web Design Services	Digital Media Production *
Web Design Services	Animation Art and Design
Web Design Services	Broadcasting
Web Design Services	Culinary Art
Web Design Services	Culinary Management *
Web Design Services	Fashion Design
Web Design Services	Graphic Design **
Web Design Services	Interior Design *
Web Design Services	Internet Marketing
Web Design Services	Industrial Design *
Web Design Services	Information Technology
Web Design Services	Media Arts and Animation *
Web Design Services	Multimedia and Web Design **
Web Design Services	Photography
Web Design Services	Visual Effects and Motion Graphics *
Web Design Services	Video Production

Web-site: www.aifl.edu

Miami-Dade County Public Schools &
Art Institute of Ft. Lauderdale
Articulation Agreements

The Art Institute of Ft. Lauderdale (Ai FtL). Ai FtL programs designated "*" are bachelor degrees and "**" can be used for associate or bachelor degrees.

Miami-Dade County Public Schools TECH Prep Program	Ai FtL Associate Degree/Certification
Academy of Information Technology	Information Technology
Academy of Information Technology	Multimedia and Web Design **
Commercial Foods	Art of Cooking
Commercial Foods	Culinary Art
Commercial Foods	Culinary Management *
Digital Design	Graphic and Desktop Design
Digital Design	Fashion Design
Digital Design	Interior Design *
Digital Design	Graphic Design **
Digital Design	Internet Marketing and Advertising *
Digital Design	Animation Art and Design
Digital Design	Industrial Design *
Digital Design	Media Arts and Animation *
Digital Design	Multimedia and Web Design **
Digital Design	Residential Design
Drafting and Illustrative Design Technology	Residential Design
Drafting and Illustrative Design Technology	Interior Design *
Interior Design Services	Multimedia and Web Design **
Interior Design Services	Residential Design
Interior Design Services	Media Arts and Animation *
Interior Design Services	Information Technology
Interior Design Services	Industrial Design *
Interior Design Services	Internet Marketing and Advertising *
Internet Marketing	Internet Marketing & Advertising *
Network Support Services	Animation Art and Design
Network Support Services	Broadcasting
Network Support Services	Culinary Art
Network Support Services	Culinary Management *
Network Support Services	Digital Media Production *
Network Support Services	Fashion Design
Network Support Services	Graphic Design **
Network Support Services	Interior Design *
Network Support Services	Internet Marketing and Advertising *
Network Support Services	Industrial Design *
Network Support Services	Information Technology

Ai The Art Institute of Fort Lauderdale®

TECH PREP

INFORMATION SHEET

WHAT IS TECH PREP?

- A high school sequential program of study which leads to a minimum of a two year postsecondary certificate or degree, with an option of two additional years leading to a baccalaureate degree.
- Four years of high school articulating to a vocational/technical center.
- Career pathways in Business Technology Education, Agriscience/Natural Resources, Health Science Education, Diversified/Marketing Education, Technology Education, Industrial Education, Family and Consumer Science, and more.
- A high school sequential course of study that builds students' competencies in communications, mathematics, social sciences, and science by integrating core academics and applied technology.
- Preparation for immediate employment in an increasingly competitive and technical work force.
- Relevance of student course of study in high school and postsecondary levels to their interests and abilities.

WHO IS THE TECH PREP STUDENT?

- Students in the middle majority* who typically select general education programs of study.
- Those interested in career technical fields that require postsecondary education.
- Those who wish to pursue a two-year certificate program or an Associate degree, which can lead to a baccalaureate degree.

    *Those students who score in the two middle quartiles in national testing.

WHERE IS TECH PREP OFFERED?

- All Miami-Dade County Public Schools senior high schools are involved in TECH Prep.
- Special centers: Severely Emotionally Disturbed (SED) Outreach Center
- Miami-Dade County vocational-technical centers: Lindsey Hopkins, Miami Lakes Educational Center, and Robert Morgan Educational Center.
- The seven campuses of Miami Dade College.

WHY DO WE NEED TECH PREP?*

- Of the 64 percent of the students in high school who do go on to college, only 20 percent complete a baccalaureate degree within four years.
- Students who take one math class beyond Algebra II more than double the odds of completing college.
- Approximately 65 percent of future jobs will require education beyond high school.
- Only four (4) percent of new jobs can be filled by people with the lowest skill levels.
- Employment is expected to grow faster for technicians and related support occupations than for any other major occupational group between now and the year 2008.
- The largest growth area of 99 percent will be for computer systems analysts, engineers, and scientists.
- Seventy (70) percent of the 20 fastest growing occupations require two years at the postsecondary level and 30 percent will require a baccalaureate degree or higher level of training.
- The typical job in the southeast requires almost 14 years of formal education.
- Career-relevant academic skills must become a focus in the curriculum of American secondary schools.
- The average yearly income of a worker with an associate (two-year) college degree is $7,000 more than that of a high school graduate.

*All information is taken from the *Occupation Outlook Update, Bureau of Labor Statistics.*

HOW CAN YOU HELP?

- Inform students and parents about this opportunity.
- Monitor achievement in TECH Prep courses.
- Guide students into course selections that maintain sequence.
- Assist students in investigating career opportunities.
- Encourage students to pursue higher levels of achievement through selection of more challenging courses.

"Linking Today's Education with Tomorrow's Careers"

Miami-Dade County Public Schools
Department of School-To-Career Initiatives

Ms. Lucia C. Herrera, Staff Specialist
305 995-2752, e-mail: lherrera@sbab.dade.k12.fl.us
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10/4/2003

Miami-Dade County Public Schools'
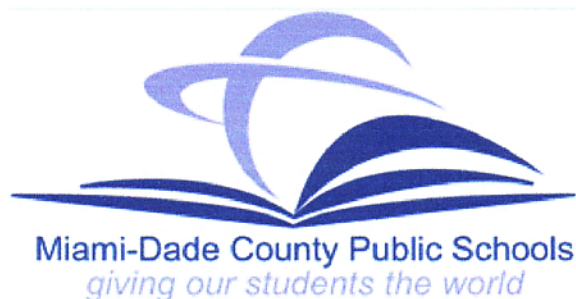## Articulation Agreements

Articulation agreements are contracts between M-DCPS and postsecondary institutions which grant credit to the students at the postsecondary level for applied technology credits earned in senior high school. Articulation agreements are established for TECH Prep participating students; thereby, allowing students to progress further when they pursue their postsecondary career path. Students literally bank credits while in senior high school that they carry with them to a postsecondary institution.

The four postsecondary institutions that have current TECH Prep articulation agreements with Miami-Dade County Public Schools are:

- Art Institute of Fort Lauderdale
- Ai Miami International University of Art & Design
- Florida National College
- Miami Dade College

To review current articulated programs at one of these institutions, select the relevant link that corresponds to your inquiry.

All students should check with the admissions office of each postsecondary institution to confirm current requirements. For additional information contact your school's TECH Prep Cadre Leader or representatives from the Division of Student Services.

Miami-Dade County Public Schools
giving our students the world

Miami-Dade County Public Schools
Department of School-To-Career Initiatives

The link between Miami-Dade County Public Schools (M-DCPS) and Miami Dade College (MDC) for teachers, counselors, parents, students, and postsecondary personnel was established to assure the proper transfer of credits from senior high school to postsecondary programs. All interested participants should review the Miami Dade College General Provisions and the required course selection for each articulated program.
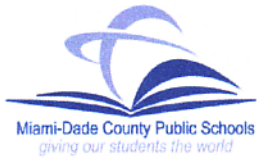
The Department supports 15 major initiatives through the District, PreK-12. This number includes TECH Prep senior high schools and *High Schools That Work (HSTW)* schools. Additionally, the District has entered into articulated agreements with both two and four-year postsecondary institutions in order that career programs, beginning in senior high school will continue. M-DCPS and MDC have forged this collaboration to ensure that students will be provided with a seamless postsecondary transition.

Additionally, in support of Goal I of the District Strategic Plan 2001-2005, The Department of School-To-Career Initiatives (STC), under the Division of Student/Career Services supports programs throughout the District, PreK-12. These programs are designed to impact student achievement as well as enhance awareness of career opportunities for postsecondary success. Students, parents, and educators, working in collaboration with the business community, are afforded opportunities to meet the District's Strategic Goal I – School-To-Career, through curriculum initiatives, internships, job shadowing, career academies, informational meetings, and professional development training.

The Department supports STC initiatives through a variety of strategies including:

> providing "real-world" experiences for students and teachers;
> establishing links and partnerships between business and community entities and schools;
> establishing links with postsecondary institutions;
> providing informational services to students and parents to enhance student choices;
> infusing core curriculum with applied technology components to enhance career preparedness;
> developing curriculum materials; and
> providing professional development training.

Through the collaboration of MDC and M-DCPS, all participants will be provided with continued updates of articulation agreements between the secondary and postsecondary institutions. All students will be provided the opportunity to develop the skills needed to meet their career goals.

MIAMI- DADE COUNTY PUBLIC SCHOOLS
Department of School-To-Career Initiatives
HIGH SCHOOLS THAT WORK – HSTW
PROGRAM DESCRIPTION

High Schools That Work is the nation's first large scale effort to engage state, district, school leaders' and teachers in partnerships with students parents and the community to improve the way ALL high school students are prepared for work and further education. *HSTW* is a total school reform model.

It provides a framework of goals, key practices and key conditions for accelerating learning and setting higher standards. It recommends actions that provide direction to schools as they work to improve academic and vocational-technical instruction at schools and the work sites. *HSTW* gives schools a forum and a framework to structure their school reform efforts by utilizing 10 "successfully proven" key practices. (See attached.) Studies have shown that schools that have incorporated these key practices have increased test scores and raised the number of students applying to college.

The *HSTW* curriculum is based on teaching non-vocational courses through a functional, "hands-on" method. Applied learning helps students see the usefulness of academic courses and prepares them to meet the escalating requirements of the workplace.

There are currently 11 high schools in Miami-Dade County implementing the *HSTW* school reform model as follows:

G. Holmes Braddock Senior High
John A. Ferguson Senior High
Miami Beach Senior High
Miami Edison Senior High
Miami Southridge Senior High
Hialeah Senior High
Miami Norland Senior High
Miami Senior High
Robert Morgan Educational Center
South Dade Senior High
William Turner Technical Arts Senior High

For more information or to become a HSTW site in Miami-Dade County, please contact Ms. Lucia C. Herrera, Staff Specialist, Department of School-To-Career Initiatives, at 305 995-2752, e-mail lherrera@sbab.dade.k12.fl.us or Ms. Jackie F. Benjamin, Educational Specialist, Department of School-To-Career Initiatives, at 305 995-2753,
e-mail jbenjamin@sbab.dade.k12.fl.us.

MIAMI-DADE COUNTY PUBLIC SCHOOLS
Department of School-To-Career Initiatives
HIGH SCHOOLS THAT WORK
KEY PRACTICES

1. Set HIGHER EXPECTATIONS and get all students to meet them.

2. Emphasize high-level mathematics, science, language arts, and problem-solving skills in the context of modern workplace practices in CHALLENGING VOCATIONAL AND TECHNICAL STUDIES.

3. Use REAL-WORLD APPLICATIONS to teach the essential concepts of the college preparatory curriculum.

4. Have all students complete a CHALLENGING PROGRAM OF STUDY with an upgraded academic core and a major.

5. Give students' access to a structured system of SCHOOL-BASED AND WORK-BASED LEARNING planned cooperatively by educators, employers, and workers and resulting in an industry-recognized credential and employment in a career pathway.

6. Provide a school structure and schedule enabling academic and vocational teachers to plan and teach CHALLENGING INTEGRATED CONTENT.

7. Engage all students in ACTIVE LEARNING.

8. Provide a GUIDANCE AND COUNSELING SYSTEM that involves parents and teachers in helping students plan and complete an accelerated program of study.

9. Provide EXTRA HELP to enable students to meet the higher expectations and standards of accelerated programs.

10. Participate in and use student ASSESSMENT AND EVALUATION data to continuously improve the quality of student performance.

THE COLLEGE ROLE IN TECH PREP

The idea of linking secondary and postsecondary institutions to create more coherent programs is the heart of the TECH Prep vision. When TECH Prep was first proposed, the importance of creating a smoother transition between high school and college was stressed. Emphasis is placed on articulation agreements, a 2 + 2 curriculum bridging the two, and joint staff development for instructors. Therefore, the essential kernel of TECH Prep is viewed as the **collaboration of secondary and postsecondary institutions around occupational preparation.**

The most frequent collaboration between secondary and postsecondary instructors has been the process of specifying competencies necessary in postsecondary courses, laying the foundation for articulating secondary and postsecondary courses. These activities prepare students to enter colleges better able to do college work, or less likely to need remedial education. This collaboration involves postsecondary faculty in particular academic disciplines working with their secondary peers with the purpose o developing "career pathways" or majors that generate coherent programs that integrate academic and applied technology for high school students. Additionally, college instructors can help articulate the demands of the workplace and the importance of key competencies, both academic and non-academic.

Articulation agreements have been the heart of Miami-Dade County Public Schools and Miami Dade College's TECH Prep programs, offering benefits to students. The agreements established in a variety of areas, give students college credit for courses taken during high school, thus shortening the period of time necessary for completing a certificate or Associate degree. In most cases, students can move directly into college-level courses and avoid the need for remediation.

Another benefit is the special counseling TECH Prep students receive in high school to help them to think earlier and more deeply about their occupational interests and goals and to see the value of completing high school and entering postsecondary education. At the college we see the benefit of a larger number of more focused students, with more concrete goals, more accustomed to active and applied approaches to learning, and better prepared to transition into college work. We believe that the purpose of this connection is to stress that all students, when they graduate, have the options of continuing their education, going into employment, or combining further schooling and employment. It allows students to engage in "parallel career planning", where they can envision both postsecondary education and back up employment.

Miami-Dade College

Homestead Campus
500 College Terrace
Homestead, FL 33030-6009

General Number:	305-237-5555
New Student Center:	305-237-5555
Admissions:	**305-237-5555**
Advisement:	305-237-5555
Financial Aid:	305-237-5555
Testing:	305-237-5555

InterAmerican Campus
627 SW 27th Avenue
Miami, FL 33135-2966

General Number:	305-237-6000
New Student Center:	305-237-6045
Admissions:	**305-237-6020**
Advisement:	305-237-6123
Financial Aid:	305-237-6040
Testing:	305-237-6232

Kendall Campus
11011 NW 104th Street
Miami, FL 33176-3393

General Number:	305-237-2000
New Student Center:	305-237-0713
Admissions:	**305-237-2222**
Advisement:	305-237-2125
Financial Aid:	305-237-2325
Testing:	305-237-2341

Medical Center Campus
950 NW 20th Street
Miami, FL 33127-4695

General Number:	305-237-4000
New Student Center:	305-237-4141
Admissions:	**305-237-4160**
Advisement:	305-237-4238
Financial Aid:	305-237-4160
Testing:	305-237-4275

North Campus
11380 NW 27th Avenue
Miami, FL 33167-3495

General Number:	305-237-1000
New Student Center:	305-237-1149
Admissions:	**305-237-1111**
Advisement:	305-237-1425
Financial Aid:	305-237-1058
Testing:	305-237-1015

Wolfson Campus
300 NE 2nd Avenue
Miami, FL 33132-2297

General Number:	305-237-3131
New Student Center:	305-237-3076
Admissions:	**305-237-3131**
Advisement:	305-237-3077
Financial Aid:	305-237-3244
Testing:	305-237-3011