



Executive Summary

William T. McFatter Technical Center

Broward County School District

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Introduction

Every school has its own story to tell. The context in which teaching and learning takes place influences the processes and procedures by which the school makes decisions around curriculum, instruction, and assessment. The context also impacts the way a school stays faithful to its vision. Many factors contribute to the overall narrative such as an identification of stakeholders, a description of stakeholder engagement, the trends and issues affecting the school, and the kinds of programs and services that a school implements to support student learning.

The purpose of the Executive Summary (ES) is to provide a school with an opportunity to describe in narrative form the strengths and challenges it encounters. By doing so, the public and members of the school community will have a more complete picture of how the school perceives itself and the process of self-reflection for continuous improvement. This summary is structured for the school to reflect on how it provides teaching and learning on a day to day basis.

Description of the School

Describe the school's size, community/communities, location, and changes it has experienced in the last three years. Include demographic information about the students, staff, and community at large. What unique features and challenges are associated with the community/communities the school serves?

William T. McFatter was established in 1985 as a public, tax-supported Postsecondary Vocational Technical College of the School Board of Broward County, Florida to offer high-end technical education to both adults and secondary students in over thirty occupational areas. Initially, the College offered programs in four clusters or communities -- Communications, Industrial, Medical and Public Service. In 1996, two new Communities -- Computer Technology and The McFatter School of Culinary Arts -- were added. At the beginning of the 1998 - 1999 school year, the newly constructed McFatter Technical High School opened for ninth graders. On June 24, 2014 the School Board of Broward County approved the name change to McFatter Technical College and Technical High School. With this approval, our name changed to McFatter Technical College. Hence, a new era in career, technical and adult education was launched. Today students and the community know this area as the South Florida Education Center, a consortium representing five major educational institutions; Broward College, Florida Atlantic University, McFatter Technical College & Technical High School, Nova Southeastern University and the University of Florida, all located on one square mile campus in the Town of Davie. We are a part of SFEC, South Florida Educational Center where you will find Florida Atlantic University, Broward College and Nova Southeastern University.

William T. McFatter Technical High School is designed to prepare students with technical competencies required for successful, emerging careers, while at the same time preparing all students for college admission and scholarship eligibility. In order to accomplish these goals, all students are enrolled in a schedule of courses which combine the academic with the technical. All classes and subject areas integrate the innovative use of technology with the intellectually rigorous content of a college-prep curriculum.

William T. McFatter Technical High School, a state-designated New Millennium High School, is organized according to the tenets of the Coalition of Essential Schools, a reform initiative that promotes high intellectual goals for all students, personalization of teaching and learning, and a hands-on, active approach to learning and achievement.

The size and scale of the school are kept to a personal level; there are no more than 150 students per grade level, and no more than twenty-five students per class. The student body is a diverse population composed of 41.8% Hispanic, 29.4% White, 21% Black/African American, 2.12% Multi-Racial, 5.39% Asian. Students work closely with one another and with their teachers, guidance counselors, and program administrators in order to maximize student success. The program provides additional resources such as free tutoring, summer educational programs, and an outstanding technology resource lab for all students.

As a Magnet Program, McFatter's goal is not to be a comprehensive high school. Rather, students pursue a focused, well-defined schedule of courses in order to achieve success in both college and career preparation. As freshmen and sophomores, all students enroll in a predetermined set of academic and elective courses necessary for high school graduation, college admissions, and scholarship eligibility. During the junior and senior years, students pursue a schedule that continues those courses necessary for college admissions, while adding a set of elective courses focused around a technical area of the student's choice. Our Career & Technical Program choices include the following:

Applied Welding Technology Automotive Collision Repair/Refinishing
Automotive Service Technology Accounting Operations
Administrative Office Specialist Legal Administrative Specialist
Medical Administrative Specialist Cloud Computing
Applied Cybersecurity Commercial Foods/Culinary Arts
Commercial Photography Technology Digital Media/Multimedia Design
Digital Printing Technology Drafting

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Early Childhood Education	Java Programming & Development
Marine Service Technology	Medical Assisting
Network Support Services	Optometric Assisting
Pharmacy Technician	Practical Nursing
Teacher Assisting	Television Production

The goal of all members of the faculty and staff of William T. McFatter Technical High School is to contribute to a school environment which is dedicated to providing students with the most outstanding education possible.

A major challenge associated with serving our student population deals with the overall geographical locations of where our students live. Unlike most comprehensive high schools, our feeder pattern incorporates students that live South of Sunrise Boulevard to the Dade County line. With such an expansive area, it creates challenges with serving the needs of some of our students who are struggling academically as well as those wanting to get involved in clubs and organizations on campus. Some of options we are exploring to mediate this problem will involve implementing an after school activity bus that will have the capacity to shuttle students home in the evening a few days per week.

School's Purpose

Provide the school's purpose statement and ancillary content such as mission, vision, values, and/or beliefs. Describe how the school embodies its purpose through its program offerings and expectations for students.

The William T. McFatter Technical College and Technical High School has a vision to be a world-class institution that changes people's lives through innovative education. In working to achieve this vision, it is the mission of the William T. McFatter Technical College and Technical High School to continuously seek and provide excellent academic, technical, and career development that is responsive to our community and students' needs. The faculty and staff of McFatter Technical College and Technical High School is committed to providing quality education for all students. The College encourages academic and technical curiosity, innovation and creativity by providing rigorous academics and state of the art technical programs. Our post secondary students are prepared to meet the challenges of a demanding local workforce, and our secondary graduates are equipped with the knowledge and skills for success. William T. McFatter Technical High School is committed to providing an education for ALL students that allows them the opportunity to achieve three primary goals.

1. Acceptance to a four-year university
2. Possible articulation into a community state college
3. Certification in a high wage, high demand technical area

In order to achieve these goals every student is required to take a college preparatory curriculum of 24 credits predetermined by the school and an 8 credit course of study in a technical field selected by the student. The 8 technical credits are studied during the junior and senior years. We reinforce our caring philosophy by setting common goals for all students while providing personalization to allow for flexibility in meeting those goals. We emphasize the importance of providing students with the tools to make them resourceful, analytical and productive members of society. As a Technical College with a magnet high school, we seek to meet the needs of students of all ages and to promote positive relationships among parents, students, teachers, business leaders and all community stakeholders.

As a Magnet Program with a focus on technology and technical training, current technology is to be integrated into every course. Computer software programs, Desire2Learn, Internet access, digital and video cameras, scanners, and video teleconferencing equipment are available, so that each teacher may select and use technologies that align logically with his/her own curriculum. Technology should be used both to assist in the implementation of traditional curriculum elements and to provide opportunities for exploration and production that are not typically present in the non-computerized classroom.

In order to facilitate this technology integration, each classroom is equipped with computers (all of which have Internet access), Digital Promethean Board, document camera, one printer, and other wireless technology. Teachers are encouraged to work together, or to seek assistance from any of the numerous technology resources on campus, to integrate technology into the curriculum in order to increase student achievement and success in school. Training is available for teachers seeking additional help with the use of technology.

Coalition of Essential Schools

William T. McFatter Technical High School has earned full membership in the Coalition of Essential Schools, a national school reform model that seeks to improve student learning and achievement by focusing upon the implementation of Ten Common Principles. In abbreviated form, these Principles stress:

- Intellectual Focus
- Mastery over Content ("Less is More")
- Universal Goals for All Students
- Personalization of Teaching and Learning

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- Student-as-Worker, Teacher-as-Coach
- Demonstrations of Mastery
- Tone of Decency
- Staff and Faculty as Generalists First, Specialists Second
- Creative Use of Budget and School Organization
- Diversity, Democracy, and Equity for All

Coalition Conversations, including all faculty members, are held periodically in order to allow the faculty to explore how these Ten Principles may best be implemented at McFatter in order to increase student success. Faculty members are encouraged to participate fully in these discussions and to work with other teachers, and the Assistant Director, in exploring the use of Coalition Principles in the school.

All seniors participate in a Graduation Exhibition which allows students to demonstrate their accomplishments. This demonstration will include both a presentation component and an electronic component. Upon graduation, students will take with them a compilation of significant works or projects they have completed over the course of their high school careers.

Notable Achievements and Areas of Improvement

Describe the school's notable achievements and areas of improvement in the last three years. Additionally, describe areas for improvement that the school is striving to achieve in the next three years.

During the last several years, William T. McFatter Technical High School has been one of the highest performing schools within the Broward County. A few of our notable accolades include:

Designated Florida "A" school, 2002 - present

Ranked as a top high school by Florida's Department of Education

Achieved Adequate Yearly Progress (AYP), 2004 - present

Recognized as a New Millennium High School

Named Florida Model High School by the Chancellor of K-12 Education

Selected as a Model School by the International Center for Leadership in Education (2004, 2005, 2006)

Member of the Coalition of Essential Schools

Recipient of P3 Eco-Challenge Overall Achievement Award 2015

National award winning Physical Education program (1999-2000)

Recipient of the National Wildlife Federation's Silver Award 2014, Green Flag Award 2015

Silver Knight or Honorable Mention Winners 2010 - 2015

Some areas of improvement will involve maintaining and/or improving students' test scores, updating our technology infrastructure and enhancing our curriculum to align with the new Florida Standards Assessment for Reading and Mathematics as well as the newly designed SAT Assessment. We will employ several different strategies to improve in the aforementioned areas. Thanks to the SMART Bond allocation of 7.6 Million dollars, our main campus will undergo significant changes to the areas indicated below:

Updated HVAC, Heating & Cooling System

Technology Infrastructure updated with the latest equipment

Media Center renovation

Safety and Security enhancements

Additionally, funds will be allocated for Professional Development throughout the school year as well as the summer. The Professional Development will focus on using technology as an instructional tool in an Advance Placement learning environment.

Additional Information

Provide any additional information you would like to share with the public and community that were not prompted in the previous sections.

Over the past several years, William T. McFatter Technical High School has had its share of accolades. One area that deserves special mention is that our school has earned an "A" grade since the 2002 school year. This is a testament to the dedication that our administrators, faculty and staff have towards our student population. To that end, our teachers are always looking to push the education threshold in the classroom by the implementation of researched-based educational strategies. McFatter has also been nationally recognized by U.S. News and World Reports, as one of the top schools in the nation, ranked 37th in the state of Florida.

The administration, faculty and staff at William T. McFatter Technical High share great pleasure in our student's success. During the 2014-2015 school year, fifty-nine percent (59.4%) of our students enrolled in Advanced Placement courses passed their exams with a three (3) or better. With a total of 315 students in grades 9th - 11th taking one or more Advanced Placement class in AP Human Geography, AP Environmental, AP Psychology, AP World History, AP U.S. History, AP Calculus, AP English Language, AP English Literature, AP Micro Economics and AP Government. In 2015, Ninety-nine percent (99%) of our students graduated and ninety-seven (97%) enrolled in a two or four year institution. Seventy percent (70%) of graduates received a Bright Futures Scholarship with students earning over \$2.5 million in total scholarship dollars last year.

William T. McFatter Technical High School is so much more than the amazing test scores, school grades, and rankings we achieve. As a magnet school, where we are one of almost 30 magnet choices, we are extremely proud of the number of families who have enrolled multiple children in our high school since it's existence. This is a testament to the trust that these families have for McFatter's program and the overall commitment that we have in serving all students' unique needs.

William T. McFatter Technical High School has experienced many exciting changes over the last few years. As McFatter Technical College and Technical High School enters its next phase, its administration, faculty, and staff will continue providing its students with the academic and technical skills training that will give them a competitive edge in college as well as the global workplace.