

## PROGRAM DESCRIPTION

**Full-Time: 1500 Hours | 15 months | Hybrid**

**Monday – Friday, 8:00am - 2:30pm**

**Part-Time: 1500 Hours | 30 months | Hybrid**

**Monday – Friday, 8:00am - 11:00am**

The Drafting program offers the student skills for architecture, engineering, manufacturing and construction careers. The program is a blend of classroom instruction and computer assignments using computer aided drafting (CAD). The course content includes designing and drawing detailed work plans, blueprints for the architectural, landscaping, construction industry and in the manufacturing industry.

## COURSES

■ Blueprint Reader	150 Hours
■ Drafting Assistant	450 Hours
■ Drafting Detailer 1	150 Hours
■ Drafting Detailer 2	150 Hours
■ Architectural Drafter	150 Hours
■ Civil Drafter	150 Hours
■ Mechanical Drafter	150 Hours
■ Structural Drafter	150 Hours

### **Distant/Hybrid Courses:**

Students enrolled in distant and/or hybrid courses should have daily access to a computer with internet and must have a valid email address that they check daily. Additionally, students should have all necessary hardware and software components required by their technology program or adult education course.

## The School Board of Broward County, Florida

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## McFATTER TECHNICAL COLLEGE McFATTER TECHNICAL HIGH SCHOOL 6500 Nova Drive | Davie, FL 33317 | 754.321.5700

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*Individuals with disabilities requesting accommodations under the Americans with Disabilities Act Amendments Act of 2008, (ADAAA) may call Equal Educational Opportunities/ADA Compliance Department at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.*



**McFatter Technical College is Accredited  
by the Commission of the Council on  
Occupational Education (COE)**

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# Drafting



Drafting is often called “*the universal language of industry*”. Whether you are an inventor, an architect, or an engineer, communicating your ideas clearly and precisely to others is vital to having them become reality. Technical Drawing is the bridge between those ideas and production. Drafting knowledge and a command of the graphical language is essential to every project. Every member of a project design team is able to communicate and coordinate, through the language of drafting, a precise set of instructions for manufacture or construction. Manufacturers and contractors then rely on the technical drawings to either produce the next groundbreaking product, or build the next skyscraper. McFatter’s Drafting program will introduce you to the basics of drafting before guiding you into more complex techniques through the use of state-of-the-art CAD software, and will provide a solid background to act as a stepping stone for advancement in the career of your choice.

## PREREQUISITES

- Take the Test of Adult Basic Skills (TABE) and attend orientation
- Schedule an appointment for an interview by calling 754.321.5814.
- Enroll in ABE.AAAE remedial classes, if necessary.
- Have acceptable scores on the TABE: 9.0 in Reading, 10.0 in Math, and 9.0 in Language on the Difficult level.
- Meet with a Financial Aid Advisor if needed.
- Register for the Drafting course.

## ARTICULATION

Upon completion and meeting eligibility requirements, students may be awarded credits toward an Associate Degree by selected Florida State Colleges.

## PROGRAM CONTENT

- AutoCAD Architecture
- AutoCAD
- Revit
- Inventor
- Solidworks
- Blueprint Reader
- Drafting Assistant
- Drafting Detailer 1 & 2
- Mechanical Drafting
- Civil Drafting
- Architectural Drafting
- Structural Drafting

## EMPLOYMENT OPPORTUNITIES

- Architectural Drafters
- Aeronautical Drafters
- Electrical Drafters
- Civil Drafters
- Pipeline Drafters
- Mechanical Drafters

## INDUSTRY CERTIFICATION

Students will be prepared to take an approved state and/or nationally recognized industry certification or licensure exam in their field of study.

For additional information,  
call the program counselor/advisor at  
754.321.5700

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FOR VETERANS’ EDUCATIONAL BENEFITS

