

# 2023-2024

## INFORMATION TECHNOLOGY

Atlantic Technical College & Technical High School

# DATABASE APPLICATION DEVELOPMENT & PROGRAMING

### Course Content:

Students will be prepared for employment as database programmers, computer programmer assistants, and computer programmers, or to provide supplemental training for persons previously or currently employed in these occupations. The fundamentals of programming and software development; procedural and object oriented programming; creating regular and specialized applications using standard and extended Structured Query Language (SQL), PL/SQL and JavaScript including testing, monitoring, debugging, documenting and maintaining database applications are taught.

After successfully completing this program, students will be able to design database models and utilize computer programming languages to create and manipulate databases. The student will also have developed skills in mathematical applications, communications, information processing concepts, designing programs, coding programs, testing programs, performing program maintenance, and debugging programs.

### Additional Skills Covered:

- Computer Literacy
- Computer Programming Logic
- Computer Programming in ANSI SQL, PL/SQL and JavaScript
- Employability Skills
- Exposure to a Network Environment
- Human Relations
- Microsoft Office

### Admission Requirements:

- 16 Years of Age or Older
- Complete a Program Specific Orientation
- Basic Skills Testing or Exemption
- Meet with Program Counselor/Advisor

**ORACLE** ACADEMY

This program is an approved Oracle Academy

### Program Length

1200 Hours (approximately 12 months full-time | 20 months part-time)

### Program Offered

August, January & June

### Delivery Method

Traditional - 100% classroom based  
Distance - 100% of required instructional hours via distance education

### Days & Times

#### Traditional:

Monday - Friday | 7:05 a.m. - 1:50 p.m. (full-time)  
Monday - Friday | 7:05 a.m. - 10:05 a.m. (part-time)

#### Distance - with mandatory virtual weekly labs & finals

Distance: Monday, Tuesday, Wednesday, Friday  
Virtual Labs: Thursday | 5:30 p.m. - 8:30 p.m.

### Atlantic Technical College & Technical High School

4700 Coconut Creek Parkway  
Coconut Creek, FL 33063  
754-321-5100 | Fax: 754-321-5380

### Atlantic Technical College Arthur Ashe, Jr. Campus

1701 NW 23rd Avenue  
Fort Lauderdale, FL 33311  
754-322-2800 | Fax: 754-322-2880

For more information call  
**754-321-5200** or visit  
[AtlanticTechnicalCollege.edu](http://AtlanticTechnicalCollege.edu)

### Job Outlook

For information regarding Database Application Development & Programing salaries/wages, visit [FloridaJobs.org](http://FloridaJobs.org)



Enroll in This Fast Track  
Program for a Career in a Year

*Celebrating 50 Years of Excellence!*



# DATABASE APPLICATION DEVELOPMENT & PROGRAMING

## Y700300 (1200 Hours)

### Tuition

(approximate cost based upon program length)

### Lab

(approximate cost based upon program length)

### Basic Skills Test

### Registration

(non-refundable fee - \$40/semester or \$20/quarter)

### Annual Student Activity Fee

(\$20 per academic year)

## In-State Fees

\$3,360

\$120

\$15

\$100

\$20

## Out-Of-State Fees

\$13,440

\$120

\$15

\$100

\$20

## Tuition, Lab, Assessment, Registration, Activity Fee (approximate costs)

There may be additional costs associated with books, uniforms, special tools, equipment and other related items.

**\$3,615**

**\$13,695**

## Industry Certification & State Credential Exams:

Students will be prepared to take an approved state and/or nationally recognized industry certification or licensure exam in their field of study. Exam costs are additional; however, you may qualify for reimbursement of your exam cost(s) upon passing. See your program counselor/advisor for more information.

## Books / Supplies:

For a list of books and prices go to [atlantictechnicalcollege.edu/bookstore-price-list/](http://atlantictechnicalcollege.edu/bookstore-price-list/) or visit the bookstore on campus. Additional supply information can be found in the syllabus located on the Web page for this program.

# GET STARTED TODAY!

## YOUR ACTION STEPS:

- Step 1:** Attend an ATC Program Information Session  
**Step 2:** Reply to Follow-up E-mail  
**Step 3:** Secure Funding Source  
**Step 4:** Registration, Payment, and Enrollment

## POSSIBLE JOB TITLES:

- Data Analyst
- Data Entry Clerk
- Database Administrator
- Software Developer
- Junior SQL Developer



**GET THERE**  
with Atlantic Technical College

The mission of Atlantic Technical College and Technical High School is to promote excellence in academic, career and technical studies in order to prepare students to enter and remain competitive in a global workforce.

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