# 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

# 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** 

Job Outlook DE For information regarding Database Application
Development & Programing salaries/wages, visit FloridaJobs.org



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



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.



Celebrating 50 Years of Excellence!

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# DATABASE APPLICATION DEVELOPMENT & PROGRAMING

Y700300 (1200 Hours)	In-State Fees	Out-Of-State Fees
Tuition (approximate cost based upon program length)	\$3,360	\$13,440
Lab (approximate cost based upon program length)	\$120	\$120
Basic Skills Test	\$15	\$15
Registration (non-refundable fee - \$40/semester or \$20/quarter)	\$100	\$100
Annual Student Activity Fee (\$20 per academic year)	\$20	\$20

\$3,615

\$13,695

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

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

# **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/ 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

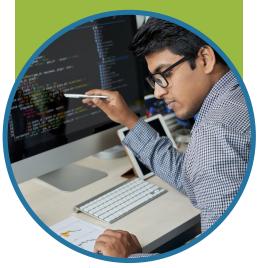
Step 2: Reply to Follow-up E-mail

**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





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.

#### Follow us on:













The School Board of Broward County, Florida, prohibits any policy or procedure which results in discrimination on the basis of age, color, disability, gender identity, gender expression, genetic information, martial status, national origin, race, religion, sex or sexual orientation. The School Board also provides equal access to the Boy Scouts and other designated youth groups. Individuals who wish to file a discrimination and/or harassment complaint may call the Director, Equal Educational Opportunities/ADA Compliance Department & District's Equity Coordinator/Title IX Coordinator at 754-321-2150 or Teletype Machine (TTY) 754-321-2158. 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.