



2024-2025 | ATLANTIC TECHNICAL COLLEGE & TECHNICAL HIGH SCHOOL INFORMATION TECHNOLOGY

DATABASE APPLICATION DEVELOPMENT & PROGRAMING

ORACLE ACADEMY
This program is an approved Oracle Academy

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.

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.

Job Outlook



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



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



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

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



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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



with Atlantic Technical College

The mission of Atlantic Technical College & 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.

DATABASE APPLICATION DEVELOPMENT & PROGRAMING

Y700300 (1200 Hours)

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

In-State Fees

Out-Of-State Fees

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

\$3,615

\$13,695

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 atlantictechcollege.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.

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