



Atlantic Technical College and Technical High School

www.atlantictechcollege.edu

Database Application Development & Programming 2021-2022

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)
(approximately 24 month part-time)

Program Offered:

August, January & June

Delivery Method:

Traditional – 100% classroom based
Distance – 50% or more instructional hours via distance education (online).

Days & Times:

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

100% Distance: with mandatory weekly virtual labs and finals.

Distance: Monday, Tuesday, Wednesday, Friday
Virtual Lab: Thursday 5:30 p.m. – 8:30 p.m.

Job Outlook:

According to the [Florida Department of Economic Opportunity](#), the current South Florida Tri-County entry annual salary range for Database Application Development & Programming positions is approximately \$33,100 – \$53,000. Actual wages may vary according to education, certifications, and experience.

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

AN APPROVED



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



FOR MORE INFORMATION CALL 754-321-5200

Atlantic Technical College and Technical High School
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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

See back of page for estimated program costs based on one (1) full year of documented Florida residency.

Tuition (approximate cost based upon program length)		\$3,360
Lab (approximate cost based upon program length)		\$120
Basic Skills Test		\$15
Registration (non-refundable fee)	\$40 per semester or \$20 per quarter	\$100
Annual Student Activity Fee	\$20 per academic year	\$20
TUITION, LAB, ASSESSMENT, REGISTRATION, ACTIVITY FEE (approximate costs)		\$3,615

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 www.atlantictechicalcollege.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 a Program Specific Orientation
- Step 2: Reply to Follow-up E-mail
- Step 3: Secure Funding Source
- Step 4: Apply for Financial Aid (optional)

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.

