Atlantic Technical College

www.atlantictechnicalcollege.edu

Database Application Development & Programing
2020-2021

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)

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 in the Ft. Lauderdale area:

- Demand for Computer Programming Assistants is expected to grow 14% between 2014 and 2024 (Source: Bureau of Labor Statistics).

- Entry level wages for Computer Programming Assistants are about $18/hour (Source: The Florida Department of Economic Opportunity). Actual wages vary according to education, experience and certifications.

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 **ORACLE** ACADEMY

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

CAREER IN A YEAR

FOR MORE INFORMATION CALL 754-321-5200

Atlantic Technical College and Technical High School
4700 Coconut Creek Pkwy
Coconut Creek, FL 33063
754-321-5100 I FAX: 754-321-5380

ATC
ATLANTIC TECHNICAL COLLEGE & TECHNICAL HIGH SCHOOL
Broward County Public Schools

Atlantic Technical College Arthur Ashe, Jr. Campus
1701 NW 23rd Avenue
Fort Lauderdale, FL 33311
754-322-2800 I 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.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.

Your Action Steps - Get Started Today!

Step 1: Attend a Program Specific Orientation

Step 2: Complete an Application

Step 3: Apply for Financial Aid (optional)

Step 4: Request Disability Services (optional)

Step 5: Complete & Return Documents to Counselor

Step 6: Counselor Interview

Step 7: Registration & Enrollment

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.