



Atlantic Technical College

Orthopedic Technology

Program Syllabus

2017-2018



Instructor Name: Al Ramirez O.T.C
Department Name: Health Science
Office/Classroom Location: Bldg 12, room 226
Phone Number: 754-321-5260
Email Address: alvaro.ramirez@browardschools.com

Instructor Office Hours:
M-F: 2:00p.m. – 3:00pm, please schedule an appointment.

Student Hours: <p style="text-align: center;">Monday – Friday</p> <p style="text-align: center;">Class Hours: 7:05am – 1:50pm</p> <p style="text-align: center;">Break: 9:05am – 9:20am</p> <p style="text-align: center;">Lunch: 11:20am – 11:50am</p>	Program Name: Orthopedic Technology		
	OCPs	Course Names	Hours
	A	HSC0003 – Basic Healthcare Worker	90
	B	PHT0090 – Orthopedic Technologist 1	355
		PHT0091 – Orthopedic Technologist 2	355

Technical College Policy/Adult Student Attendance:

- A student must be withdrawn after being absent for six (6) consecutive days.
- Two (2) additional absences may be allowed under certain circumstance with appropriate documentation.
- Please refer to the Student Handbook for postsecondary students.
<http://www.atlantictechcollege.edu/atc-student-handbook/>

Magnet High School/Attendance Policy:
 A student who has had at least five unexcused absences, or absences for which the reasons are unknown, within a calendar month, or 10 unexcused absences, or absences for which the reasons are unknown, within a 90-calendar-day period, may be exhibiting a pattern of non-attendance according to (F.S.1003.26 (1) (b)) and the School Board of Broward County, Policy 5.5.

Required Book(s) and/or Online Access:
 Available for purchase at the ATC Bookstore:

- AES Core Curriculum Access Code
- BLS For Health Care Providers
- Netters Concise Orthopaedic Anatomy, 2nd Edition
- A Manual of Orthopaedic Terminology, 8th Edition
- Stedman’s Medical Dictionary (optional)

Required Materials/Supplies:
 See Orthopedic Technology Program Student Handbook.
 Purchased from ATC Bookstore:

- 7-8” Bandage scissors
- 7-8” Trauma scissors
- 1 each 2”3”4” elastic bandage
- CPR Valve
- Uniform: ATC logo Cherokee scrub top
- ATC logo t-shirt (optional)

Not Purchased from ATC Bookstore:

- Athletic Shorts knee length (Black preferred)
- Uniform: Cherokee scrub bottom
- Black sneakers and black socks

*All required books and most materials/supplies can be purchased from the ATC bookstore.
 Stop by during operational hours for pricing and purchasing information.*

Grading System:

A	90 - 100%
B	80 - 89%
C	70 - 79%
D	60 - 69%
F	0 - 59%
I	Incomplete

Additional Program Specific Grading Information:

- Unit Tests – 40%
- Mid Term – 10%
- Comprehensive Final Exam – 10%
- Orthopedic Assignments – 10%
- Participation – 5%
- Clinical Rotation – 15%
- Quizzes – 10%

	NOTE: Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor.
Online Course Grading Policy: <i>Course is not offered online</i>	
View Your Grades: Grades can be viewed online by following the directions below: <ol style="list-style-type: none"> 1. Go to https://browardfocus.com (access FOCUS using Chrome, Firefox or Safari) 2. Student ID which is on your student schedule. 3. Passcode: Student's date of birth formatted as YYYYMMDD. <i>Four digits for the year, two digits for the month and two digits for the day.</i> 	
Classroom/Lab Rules: <i>See Orthopedic Technology Handbook</i>	
Industry Certification & State Credential Exam Cost: <ul style="list-style-type: none"> • Orthopedic technology certification is available through an exam offered by the NBCOT (National Board for Certification Orthopedic Technologist)- \$475 <p><i>You may qualify for certification reimbursement of your exam cost(s) upon passing. Credential fees are subject to change.</i></p>	Outstanding Student Recognition Information: A gold seal will be applied to a Program Completion Certificate or an Applied Technology Diploma if the student has earned a 3.5 GPA or higher in their Career and Technical Education (CTE) classes.

Program Name: Orthopedic Technology	
Course Number: HSC0003 Course Name: Basic Healthcare Worker Occupational Completion Point: A Intended Outcomes: (From FL DOE Curriculum Framework) Student will be able to: <ul style="list-style-type: none"> • Demonstrate knowledge of the health care delivery system and health occupations. • Demonstrate the ability to communicate and use interpersonal skills effectively. • Demonstrate legal and ethical responsibilities. • Demonstrate an understanding of and apply wellness and disease concepts. • Recognize and practice safety and security procedures. • Recognize and respond to emergency situations. • Recognize and practice infection control procedures. • Demonstrate an understanding of information technology applications in healthcare. • Demonstrate employability skills. • Demonstrate knowledge of blood borne diseases, including HIV/AIDS. • Apply basic math and science skills. 	

Course Number: PHT0090 Course Name: Orthopedic Technologist 1 Occupational Completion Point: B (1 of 2) Intended Outcomes: (From FL DOE Curriculum Framework) Student will be able to: <ul style="list-style-type: none"> • Describe anatomical structure and function of the human body related to the practice of orthopedics. • Discuss diseases and injuries of the musculoskeletal system and related structures. • Demonstrate physical assessment of the orthopedic patient. • Perform routine maintenance of equipment. • Disinfect and sterilize materials and equipment. • Demonstrate knowledge of the use of radiology in orthopedic technology.
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Course Number: PHT0091

Course Name: Orthopedic Technologist 2

Occupational Completion Point: B (2 of 2)

Intended Outcomes: (From FL DOE Curriculum Framework)

Student will be able to:

- Demonstrate ability to apply, adjust, and remove all common orthopedic devices.
- Assist the orthopedic physician with various treatments and procedures.
- Assist the orthopedic surgeon in the operating room using aseptic technique.
- Demonstrate use of exercise, assistive/supportive devices and specialized equipment
- Instruct other healthcare providers, patients and families to perform selected treatment procedures and functional activities.
- Identify architectural barriers.