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: 1:50pm – 3:00pm, please schedule an appointment.

Student Hours:
Monday – Friday
Class Hours: 7:05am – 1:50pm
Break: 9:05am – 9:20am
Lunch: 11:20am – 11:50am

Program Name: Orthopedic Technology

<table>
<thead>
<tr>
<th>OCPs</th>
<th>Course Names</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>HSC0003 – Basic Healthcare Worker</td>
<td>90</td>
</tr>
<tr>
<td>B</td>
<td>PHT0090 – Orthopedic Technologist 1</td>
<td>355</td>
</tr>
<tr>
<td></td>
<td>PHT0091 – Orthopedic Technologist 2</td>
<td>355</td>
</tr>
</tbody>
</table>

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- A student must be withdrawn after being absent for six (6) consecutive days.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.

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
- 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 ea 2”3”4” elastic bandage
- CPR Valve
- Uniform: ATC logo Cherokee scrub top
- ATC logo t-shirt (optional)

Not Purchased from ATC Bookstore:
- Lab Jacket (optional)
- 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:
*Course is not offered online*

View Your Grades:

*Grades can be viewed online by following the directions below:*

1. Go to [https://browardfocus.com](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.
   *Four digits for the year, two digits for the month and two digits for the day.*

Classroom/Lab Rules:

*See Orthopedic Technology Handbook*

<table>
<thead>
<tr>
<th>Industry Certification &amp; State Credential Exam Cost:</th>
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</thead>
<tbody>
<tr>
<td>• Orthopedic technology certification is available through an exam offered by the NBCOT (National Board for Certification Orthopedic Technologist)- $425</td>
</tr>
</tbody>
</table>

*You may qualify for certification reimbursement of your exam cost(s) upon passing. Credential fees are subject to change.*

<table>
<thead>
<tr>
<th>Outstanding Student Recognition Information:</th>
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<tbody>
<tr>
<td>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.</td>
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</tbody>
</table>

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:  
• 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:  
• 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.
**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.