High School CTE Program: Medical Lab Assisting (Phlebotomy)

Career Cluster: Health Science

Career Cluster Pathway: Diagnostic Services (HLPB)

Educational Agency: Orange County Public Schools 2012-2013

<table>
<thead>
<tr>
<th>16 CORE CURRICULUM CREDITS</th>
<th>8 ADDITIONAL CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGLISH</strong></td>
<td><strong>MATH</strong></td>
</tr>
<tr>
<td>4 credits</td>
<td>4 credits</td>
</tr>
</tbody>
</table>

**HIGH SCHOOL**

Career Cluster of interest identified by students enrolled in mandatory middle school career education course that includes interest assessment through CHOICES and ePersonal Education Planner through FACTS.org.

<table>
<thead>
<tr>
<th>Grade</th>
<th>English I</th>
<th>Algebra I</th>
<th>Physical Science</th>
<th>Global Studies or World Geography</th>
<th>PE</th>
<th>Foreign Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>English I</td>
<td>Algebra I</td>
<td>Physical Science</td>
<td>Global Studies or World Geography</td>
<td>PE</td>
<td>Foreign Language</td>
</tr>
<tr>
<td>10</td>
<td>English II</td>
<td>Geometry</td>
<td>Biology</td>
<td>World History</td>
<td>Fine or Practical Arts Elective</td>
<td>Foreign Language</td>
</tr>
<tr>
<td>11</td>
<td>English III</td>
<td>Algebra II</td>
<td>Chemistry</td>
<td>American History</td>
<td>Psychology</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>English IV</td>
<td>Calculus or Trig</td>
<td>Physics</td>
<td>American Gov/Economics</td>
<td>12th Grade Students</td>
<td>Dual Enrollment with Orlando Tech for Medical Lab Assisting</td>
</tr>
</tbody>
</table>

Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee’s Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

**POSTSECONDARY**

Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.

**TECHNICAL CENTER PROGRAM(S)**
- Orlando Tech
  - Medical Lab Assisting

Winter Park Tech (Avalon Campus)
- Phlebotomy

TECO
- Phlebotomy

**VALENCIA COLLEGE PROGRAM(S)**
- Nursing, R.N. A.S. Degree
  - Online R.N. Advanced Standing Track A.S. Degree

**UNIVERSITY PROGRAM(S)**
- University of Central Florida
  - Medical Laboratory Sciences B.S.
    - Nursing B.S.N.

Private
- Florida Christian College
  - Nursing, RN

**SAMPLE CAREER SPECIALTIES**
- Registered Nurse – SOC Code: 29-1141
- Registered Nurse BSN, MSN
  - Nursing Administration MSN, MS, PhD

**ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES**

**CREDIT**

High School to Technical Center (PSAV)
- Dual Enrollment
  - Orlando Tech
    - Medical Lab Assisting

High School to College Credit Cert. or Degree Articulation by Joint Assessment
- HSC 1531 Medical Terminology
  - (3 college credits)
- HSC 1001 Professions of Caring
  - (3 college credits)

PSAV/PSV to A.A.S. or A.S. to B.S. or B.A.S.
- A.S. to B.A.S. at UCF

Possible Industry Certifications

High School:
- Certified Medical Administrative Assistant (CMAA); Certified Medical Laboratory Assistant; Certified Phlebotomy Technician;
- Registered Phlebotomy Technician (RPT)

Postsecondary:
- Certified Medical Laboratory Assisting, Registered Phlebotomy Technician (RPT)
Orange · Osceola · Valencia Career Pathways Consortium
Postsecondary Career Pathway Programs

High School Articulation by Joint Assessment to Valencia College

**Career Pathways Articulation – Preparation**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSC 1531</td>
<td>Medical Terminology</td>
</tr>
<tr>
<td>HSC 1004</td>
<td>Professions of Caring</td>
</tr>
</tbody>
</table>

Highlighted courses are awarded after successful completion of required Health Science courses and a joint assessment. Credits are awarded at Valencia College. See website [http://www.valenciacollege.edu/careerpathways](http://www.valenciacollege.edu/careerpathways) for details.

**Valencia College Option – Nursing, R.N. (Articulated A.S. to B.S. Career Path) 72 credits**

<table>
<thead>
<tr>
<th>PREREQUISITES FOR ADMISSION*</th>
<th>GENERIC TRACK CURRICULUM</th>
<th>Mandatory College Placement Assessment in Reading, Writing &amp; Math</th>
<th>Academic Advising with Career Program Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 2093C Human Anatomy &amp; Physiology I</td>
<td>DEP 2004 Developmental Psychology</td>
<td>NUR 1021C Nursing I bombs</td>
<td>NUR 2823C Nursing V</td>
</tr>
<tr>
<td>BSC 2094C Human Anatomy &amp; Physiology II</td>
<td>ENC 1101 Freshman Composition I</td>
<td>NUR 1032C Nursing II</td>
<td>NUR 2832L Nursing VI</td>
</tr>
<tr>
<td>MCB 2010C Microbiology</td>
<td>HUN 2202 Essentials of Nutrition with Diet Therapy</td>
<td>NUR 1401C Nursing III</td>
<td></td>
</tr>
</tbody>
</table>

*Go to [http://www.valenciacollege.edu/asdegrees/health/nrn.cfm](http://www.valenciacollege.edu/asdegrees/health/nrn.cfm) for Admission Criteria and Checklist and a complete listing of requirements.
Orange County Career & Technical Education including CTE Dual Enrollment:
https://www.ocps.net/cs/workforce/Pages/default.aspx

Osceola District Schools Career & Technical Education:
http://www.cte.osceola.k12.fl.us

Valencia College including articulation by joint assessment:
http://valenciacollege.edu/careerpathways