



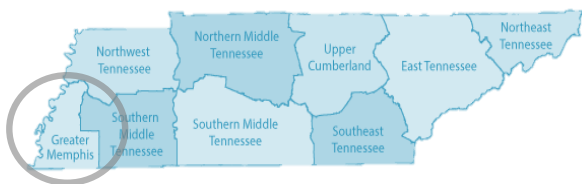
Health Science



Regional Career Opportunities – Listed by Highest Projected Demand



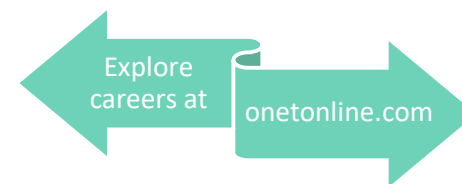
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|---|---|---|---|---|
| Few regional occupations in this career cluster require education at this degree level. | Nursing Aides, Orderlies & Attendants Annual Openings = 625 Median Wage = \$27,723 | Registered Nurses Annual Openings = 720 Median Wage = \$65,890 ★ | Medical & Clinical Laboratory Technologists Annual Openings = 90 Median Wage = no data | Medical & Health Services Managers Annual Openings = 190 Median Wage = \$95,608 ★ |
| | Cooks, Institution & Cafeteria Annual Openings = 190 Median Wage = \$24,722 | Medical Assistants Annual Openings = 440 Median Wage = \$31,314 | Software Developers, Applications Annual Openings = 90 Median Wage = \$80,064 | Substance Abuse & Behavioral Disorder Counselors Annual Openings = 105 Median Wage = no data |
| | Home Health Aides Annual Openings = 175 Median Wage = \$22,227 | Licensed Practical & Licensed Vocational Nurses Annual Openings = 285 Median Wage = \$43,664 ★ | Health Educators Annual Openings = 45 Median Wage = \$31,429 | Mental Health Counselors Annual Openings = 100 Median Wage = no data |
| | Physical Therapist Aides Annual Openings = 20 Median Wage = \$24,580 | Pharmacy Technicians Annual Openings = 210 Median Wage = \$34,957 ★ | Social & Human Service Assistants Annual Openings = 45 Median Wage = \$31,368 | Nurse Practitioners Annual Openings = 80 Median Wage = \$104,265 |
| | Medical Equipment Preparers Annual Openings = 15 Median Wage = \$24,055 | Dental Assistants Annual Openings = 110 Median Wage = \$46,268 ★ | Biomedical Engineers Annual Openings = 10 Median Wage = \$65,065 | Physicians & Surgeons Annual Openings = 75 Median Wage = no data |



★ Top five high-value occupations in this career cluster for the
Greater Memphis Region

Occupations with the highest annual openings that are stable or growing with median wages above \$35,000 are considered high-value.

* State level data was used due to limitations in regional data.





Health Science



Regional High School Requirements and Programs

| English Language Arts | Math | Science | Social Studies | Foreign Language | Physical Education | Fine Arts | Elective Focus |
|-----------------------|-----------------------------|-----------|-----------------------------|---------------------|-----------------------|---------------------|---|
| English I | Algebra I | Biology | World History and Geography | Foreign Language I | Lifetime Wellness | Fine Arts Selection | Minimum of Three Courses <i>Required: Freshman Mentoring Seminar</i> <i>See Health Science career programs below.</i> |
| English II | Geometry | Chemistry | U.S. History | Foreign Language II | Strength and Exercise | ----- | |
| English III | Algebra II | Physics | Economics and Government | ----- | ----- | ----- | |
| English IV | 4 th Math Course | ----- | ----- | ----- | ----- | ----- | |

| Year | Nursing Services Program | Pharmacy Technician Program | Diagnostic Services Program |
|------|---------------------------------------|---------------------------------------|---------------------------------------|
| 9 | Freshman Mentoring Seminar (required) | Freshman Mentoring Seminar (required) | Freshman Mentoring Seminar (required) |
| 10 | Career Success | Career Success | Career Success |
| 11 | Nursing Services I | Pharmacy Tech I | Anatomy and Physiology |
| 12 | Nursing Services II | Pharmacy Tech II | Diagnostic Medicine |

| Regional Postsecondary Schools | |
|--|---|
| Certificates and Associate's Degrees | Bachelor's and Advanced Degrees |
| Community Colleges <ul style="list-style-type: none"> Southwest Tennessee Community College Tennessee College of Applied Technology | Colleges and Universities <ul style="list-style-type: none"> University of Memphis University of Tennessee <ul style="list-style-type: none"> - Heath Sciences Center - College of Medicine Rhodes College Christian Brothers University Le Moyne-Owen College |

Postsecondary Programs/Majors for Occupations in this Career Cluster

| Certificate or AA | Nursing | Dental Assisting | Pharmacy Technician | Physical Therapy Assistant | Medical Laboratory Technician |
|-------------------|---------------------------|---|--------------------------------|----------------------------|-------------------------------|
| Bachelor's Degree | Nursing | Pre-Health Professions (Medicine, Pharmacy, etc.) | Audiology and Speech Pathology | Medical Laboratory Science | Dental Hygiene |
| Advanced Degree | Family Nurse Practitioner | Doctor of Physical Therapy | Doctor of Pharmacy | Speech-Language Pathology | Doctor of Medicine |

