

#### **Health Science**

### **Public Service Endorsement**

#### Health Science General

| Grade            | Language<br>Arts                             | Math                         | Science                                | Social Studies                      | Required CTE<br>Courses  | Potential<br>Certification                                   |
|------------------|--|------------------------------|--|-------------------------------------|--|--|
| 9 <sup>th</sup>  | English 1                                    | Algebra 1                    | Biology or<br>Environmental<br>Systems | World Geography<br>or World History | Principles of<br>Health Science  |  |
| 10 <sup>th</sup> | English 2                                    | Geometry                     | Biology or<br>Approved 2nd             | U. S. History                       | Medical<br>Terminology   |  |
| 11 <sup>th</sup> | English 3                                    | Approved<br>3rd Year<br>Math | Approved 3rd Year Science              | Government<br>Economics             | Health Science<br>Theory/Clinical<br>Rotation  |  |
| 12 <sup>th</sup> | English 4 or<br>Approved 4th<br>Year English | Approved<br>4th Year<br>Math | Approved 4th<br>Year Science           |                                     | Practicum in Health Science— Phlebotomy, Pharmacy Tech, Medical Assisting, Sports Medicine, Emergency Medical Technician | CPR, EMT,<br>PCT,<br>Phlebotomy<br>Tech,<br>Pharmacy<br>Tech |

#### **Career & Technical Student Organizations:**

**HOSA**—Health Occupation Students of America

# **Dual Credit Offerings:**

English 3 English 4

U. S. Government

\*Additional dual credit courses offered at individual campuses.

## **Required Electives:**

Fine Arts

Health

Speech

Foreign Language

**Physical Education** 

#### **Additional Recommended Electives:**

Business Information Management (One Credit) Anatomy & Physiology (One Credit)

| Sample<br>Careers      | High<br>School | On the<br>Job<br>Training | Certificate | Associate's<br>Degree | Bachelor's<br>Degree | Advanced<br>College<br>Degree | Average<br>Annual<br>Salary | Source:                                       |
|------------------------|----------------|---------------------------|-------------|-----------------------|----------------------|-------------------------------|-----------------------------|---|
| EMT/<br>Paramedics     |                |                           | х           | х                     |                      |                               | \$ 32,670                   | For further information on any of the careers |
| Physician<br>Assistant |                |                           |             |                       |                      | х                             | \$ 101,480                  |   |
| Registered<br>Nurse    |                |                           |             | х                     | х                    | х                             | \$ 68.450                   | click the ca-<br>reer link or                 |
| Pharmacy<br>Technician | х              | х                         | х           |                       |                      |                               | \$ 30,920                   | go to<br>www.bls.org                          |
| Medical<br>Assistant   |                |                           |             |                       | х                    | х                             | \$ 31,540                   |   |

Equal access to Career and Technical programs and activities is assured students in the Mesquite Independent School District without regard to race, color, national origin, gender, or disability.

