



Healthcare Science

Two-Year Academy



Who We Are:

The Healthcare Science program prepares students who desire to enter the healthcare field as a career. The Healthcare Science courses offered provide students with foundational knowledge, information about healthcare careers, and an opportunity to practice skills through coursework and/or student organizations.

What We Do:

- Earn College Now dual credit through JCCC in Medical Terminology, Certified Nurse Assistant (CNA), and Health Information Technology (HIT)
- Earn certifications in Basic Life Support, Occupational Safety & Health Administration (OSHA 10), Certified Nurse Aide (CNA), Nutrition Assistant
- Optional certifications that can be earned include Pharmacy Technician and Phlebotomy Technician



Electronic file located in Xello - "Course Planner"
 Located at OPS Innovation Campus | X: @OlathePathways
 Learn more: olatheschools.org/careerpathways



Two-Year Academy

| Graduation Requirements | 9th Grade | Credits | 10th Grade | Credits | 11th Grade | Credits | 12th Grade | Credits | POTENTIAL CAREERS |
|--|--|---------|--|---------|---|---------|---|---------|--|
| English (x4 credits) | English 9 <i>OR</i> Honors English 9 | 1 | English 10 <i>OR</i> Honors English 10 | 1 | English 11 <i>OR</i> AP English Language | 1 | English 12 <i>OR</i> College Prep English <i>OR</i> AP English Literature | 1 | Registered Nurse (RN) Radiologic Technologist Physical Therapist Assistant (PTA) |
| Math (x3 credits) | Must take 1.0 math 9th gr year as recommended by facilitator & math teacher | 1 | Must take 1.0 math 10th gr year as recommended by facilitator & math teacher | 1 | Must take 1.0 math 11th gr year as recommended by facilitator & math teacher | 1 | Must take 1.0 math 12th gr year as recommended by facilitator & math teacher | 1 | Occupational Therapy Assistant (OTA) Respiratory Therapist |
| Science (x3 credits) 1 Life, 1 Physical, 1 Elective | Biology <i>OR</i> Honors Biology | 1 | Chemistry <i>OR</i> Honors Chemistry | 1 | AP <i>OR</i> College Chemistry AP <i>OR</i> College Biology Physics <i>OR</i> AP/College Physics I/II AP Environmental Science | 1 | AP <i>OR</i> College Chemistry AP <i>OR</i> College Biology Physics <i>OR</i> AP/College Physics I/II AP Environmental Science | 1 | Dental Hygienist Medical Laboratory Technician |
| Social Studies (x3 credits) 1 World, 1 US, 0.5 Govt, 0.5 Elective | World History <i>OR</i> Honors World History | 1 | Highly recommended: World Geography <i>OR</i> Honors World Geography | .5 | US History <i>OR</i> AP US History | 1 | US Govt <i>OR</i> AP US Govt | .5 | Surgical Technologist Cardiovascular Technologist |
| Communications (0.5 credit) | Student choice - any year(s) (.5) | | | | | | | | |
| Financial Literacy (0.5 credit) | Financial Literacy - can be taken any year grades 10-12 (.5) | | | | | | | | |
| Fine/Performing Arts (1 credit) | Student choice - any year(s) (1.0) | | | | | | | | |
| Health (0.5 credit) | Health Education - can be taken in grade 9 or 10 Optional: Health may be taken online through eAcademy if space is needed in student's schedule. | | | .5 | | | | | |
| Applied Language (1 credit) | Using the PPG - Identify courses that fulfill this requirement (1.0) | | | | | | | | |
| Life Studies (0.5 credit) | Using the PPG - Identify courses that fulfill this requirement (.5); Highly Recommend: Human Growth & Development The Early Years or Nutrition & Dietetics | | | | | | | | |
| Physical Education | PE Concepts <i>OR</i> Cheer/Dance <i>OR</i> Strength & Conditioning Optional: P.E. Concepts may be taken online through eAcademy if space is needed in student's schedule. This can be scheduled during the summer - grades 10-12 only. Other online classes are available at eacademy.olatheschools.com | | | | | | | | Y 13 / Y 14 |
| STEM (1 credit) | Students fulfill STEM graduation requirement through Two-Year Academy Courses (1.0) | | | | | | | | |
| Individual Focus (5.5 credits) Two-Year Academy Coursework | | | | | Healthcare Essentials I Human Body Systems Medical Terminology Pharmacology | 3 | Strand Options: CNA -application process Pharmacy Technician Phlebotomy Tech - must be 18 Work Experience/Shadowship | 3 | |
| Total Credits: (24 total needed for graduation) | 9th grade total: | 7 | 10th grade total: | 7 | 11th grade total: | 7 | 12th grade total: | 3+ | |

NOTE: Credits beyond requirements in any category will fall under individual focus.

Graduating Class of 2028 and Beyond