

| Key                                 |             |   |
|-------------------------------------|-------------|---|
| High School Academic                |             |   |
| High School Career & Technical      |             |   |
| PCC Dual Credit Articulated Courses |             |   |
| 1-year Certificate                  |             |   |
| AAS Degree                          |             |   |
| University                          |             |   |
| Education Levels                    | Grade       | English / Language Arts                         |
| Grade Level                         |             |   |
| HS                                  | 9           | Language Arts 9                                 |
|                                     | 10          | Language Arts 10                                |
|                                     | 11          | Language Arts Elective                          |
|                                     | 12          | Language Arts Elective                          |
| TERM                                |             |   |
| PCC                                 | FIRST TERM  | BI 122<br>Intro to Human Anatomy and Physiology |
|                                     | SECOND TERM | HE 113<br>First Aid and Professional CPR        |
|                                     |             |   |

# Southridge High School

## Health Science Health Science Pathway

**This program of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized coursework to meet each learner's educational and career goals.**

| University          |                |   |  |  |  |   |   |  | Fee<br>or<br>Diploma  |  |  |  |  |
|---------------------|----------------|---|--|--|--|---|---|--|---|--|--|--|--|
| Education<br>Levels | Grade          | English /<br>Language Arts                            | Math   | Science  | Social Studies /<br>Sciences                                 | Other Required<br>Courses and<br>Electives  | Recommended<br>Electives and<br>Learner<br>Activities | *Career and Technical<br>Courses and/or Degree |   |  |  |  |  |
|                     | Grade Level    | PROGRAM OF STUDY                                      |  |  |  |   |   |  |   |  |  |  |  |
| HS                  | 9              | Language Arts 9                                       | Algebra 1  | Physics  | Social Studies 9   | Health/PE 1   |   |  | *Chancellor's<br>Diploma<br>or  |  |  |  |  |
|                     | 10             | Language Arts 10                                      | Geometry   | Chemistry  | Social Studies 10  | Health/PE 2   |   |  |   |  |  |  |  |
|                     | 11             | Language Arts<br>Elective                             | Algebra 2  | Biology  | Social Studies<br>Elective                                   | Arts/Foreign<br>Lang/CTE  |   | Health Career Exploration<br>1                 |   |  |  |  |  |
|                     | 12             | Language Arts<br>Elective                             | Math Elective                                      | Science<br>Elective                                      | Social Studies<br>Elective                                   |   |   | Health Career Exploration<br>2                 |   |  |  |  |  |
|                     |                |   |  |  |  |   |   | Sports Medicine 1                              |   |  |  |  |  |
|                     |                |   |  |  |  |   |   | Sports Medicine 2                              |   |  |  |  |  |
|                     |                |   |  |  |  |   |   |  | *Regular<br>Diploma<br><br>*See course<br>catalog for<br>specific diploma<br>requirements |  |  |  |  |
|                     | TERM           | PROGRAM OF STUDY                                      |  |  |  |   |   | Certificates/Degrees/Occupations               |   |  |  |  |  |
| PCC                 | FIRST<br>TERM  | BI 122<br>Intro to Human<br>Anatomy and<br>Physiology | MA 112<br>Medical Office<br>Assistant<br>Seminar I | MA 117<br>Medical Office<br>Administration<br>Procedures | MA 118<br>Medical Office<br>Administration<br>Procedures Lab | MA 120<br>Intro to Clinical<br>Phlebotomy   | 1-year Certificate<br>Medical Assistant CIPS #510801  |  |   |  |  |  |  |
|                     |                |   |  |  |  | PSY 101<br>Psychology and<br>Human Relations  |   |  |   |  |  |  |  |
|                     |                |   |  |  | MA 123<br>Medical Office<br>Clinical<br>Procedures           | MA 123<br>Medical Office<br>Clinical<br>Procedures  | MLT 100<br>Medical Office<br>Lab Orientation          |  |   |  |  |  |  |
|                     |                |   |  |  |  | MA 124<br>Medical Office<br>Clinical<br>Procedures Lab  |   |  |   |  |  |  |  |
|                     |                |   |  |  |  | MP 201<br>Intro to<br>Electronic<br>Health Records  |   |  |   |  |  |  |  |
|                     | SECOND<br>TERM | HE 113<br>First Aid and<br>Professional CPR           | MA 180<br>Coding and<br>Reimbursement              | MA 122<br>Medical Office<br>Assistant<br>Seminar II      |  | Assistants work directly with patients, whether in small or large<br>healthcare settings, to ensure that patients receive the care they need<br>while providing health professionals with vital patient information. As<br>an essential part of the healthcare team, a medical assistant is<br>responsible for obtaining general health data and performing a variety<br>of back and front office duties. |   |  |   |  |  |  |  |
|                     |                |   |  |  |  |   |   |  |   |  |  |  |  |
|                     |                |   |  |  |  |   |   |  |   |  |  |  |  |
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|                     |                |   |  |  |  |   |   |  |   |  |  |  |  |

|     |                     |  |  |  |  |   |  |
|-----|---------------------|--|--|--|--|---|--|
|     | <b>THIRD TERM</b>   | MA 131<br>Introduction to Medical Science          | MA 132<br>Medical Office Assistant Seminar III | MA 136<br>Medications                    | MA 121<br>Legal and Ethical Aspects of Health Care | MA 270<br>Clinical Practicum  |  |
|     | <b>TERM</b>         | <b>PROGRAM OF STUDY</b>                            |  |  |  |   | <b>Certificates/Degrees/Occupations</b>  |
| PCC | <b>FIRST TERM</b>   | CH 104<br>Allied Health Chemistry                  | MLT 111<br>Medical Technology I                | WR 121<br>English Composition            |  |   | Associate of Applied Science<br>Medical Laboratory Technology CIPS #511004   |
|     | <b>SECOND TERM</b>  | BI 121<br>Intro to Human Anatomy and Physiology I  | CH 105<br>Allied Health Chemistry II           | MLT 112<br>Medical Technology II         | General Education                                  |   |  |
|     | <b>THIRD TERM</b>   | BI 122<br>Intro to Human Anatomy and Physiology II | CH 106<br>Allied Health Chemistry III          | MLT 113<br>Intro to Medical Microbiology | General Education                                  | <b>NOTE:</b><br>Only those students who complete year one requirements and are officially accepted into the 2nd year of the MLT program take the following coursework | Medical laboratory technology is one of the most rapidly expanding health care fields. As a medical laboratory technician, you will play an increasingly important role in health care delivery. The MLT Program provides extensive training, including a clinical internship with supervised work experience. This qualifies graduates to run clinical tests required by physicians to make life-affecting decisions in patient care. |
|     | <b>FOURTH TERM</b>  | MLT 221<br>Clinical Chemistry                      | MLT 250<br>Hematology                          | MLT 261<br>Bacteriology                  | MLT 241<br>Immunohematology I                      | MLT 271<br>Clinical Laboratory Practice I   |  |
|     | <b>FIFTH TERM</b>   | MLT 222<br>Clinical Chemistry II                   | MLT 262<br>Bacteriology II                     | MLT 242<br>Immunohematology II           | MLT 272<br>Clinical Laboratory Practice II         |   |  |
|     | <b>SIXTH TERM</b>   | MLT 223<br>Clinical Chemistry III                  | MLT 263<br>Medical Parasitology                | MLT 264<br>Medical Mycology              | MLT 230<br>Body Fluids                             | ILT 273<br>Clinical Laboratory Practice III   |  |
|     | <b>SEVENTH TERM</b> | MLT 261<br>Clinical Seminar                        | MLT 274<br>Clinical Laboratory Practice IV     |  |  |   |  |
| UNI |                     |  |  |  |  |   |  |