|  | Hanford West High School MEDICAL ACADEMY Program of Study |  |  |  |  | Make the <br> Make IT <br> Make a DIF | CHOICE <br> Count <br> FERENCE |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Career Path | Grade | English | Math | Science | History | Academy Elective | Required Elective | Recommended Elective |
| Sports Medicine | 9 | English 1 - Adv or English 1 | IM 2 Honors or | Biology |  | Intro to Medical Careers | PE 1 | Spanish 1 |
|  | 10 | English 2 - Honors or English 2 | $\begin{gathered} \text { IM } 3 \text { Honors or } \\ \text { IM } 3 \text { or } \\ \text { IM } 2 \\ \hline \end{gathered}$ | Chemistry or AP Chemistry | World History or World History AP | Medical Terminology | PE 2 or Strength \& Conditioning | Spanish 2 |
|  | 11 | English 3 or Eng Lng/Comp AP | AP Calculus AB or AP Statistics or IM 3 | Anatomy \& Physiology | US History or US History AP | Sports Med 1a and Sports Med 1b | Strength \& Conditioning | Spanish 3 or Psychology or VAPA Course |
|  | 12 | English 1 (COS) and English 2 (COS) or English 4 or Eng Lit/Comp AP | AP Calculus AB or AP Statistics or MRWC | Physics or AP Biology | AP Gov and Econ or Gov and Econ | Sports Med 2a and Sports Med 2b | VAPA Course | Sports Psychology |
|  |  |  |  |  |  |  |  |  |
| Emergency Medical Responder | 9 | English 1 - Adv or English 1 | IM 2 Honors or IM 1 | Biology |  | Intro to Medical Careers | PE 1 | Spanish 1 |
|  | 10 | English 2 - Honors or English 2 | IM 3 Honors or IM 3 or IM 2 | Chemistry or AP Chemistry | World History or World History AP | Medical Terminology | PE 2 or Strength \& Conditioning | Spanish 2 |
|  | 11 | English 3 or Eng Lng/Comp AP | $\begin{aligned} & \text { AP Calculus AB or } \\ & \text { AP Statistics or } \\ & \text { IM } 3 \\ & \hline \end{aligned}$ | Anatomy \& Physiology | US History or US History AP | EMR 1a and EMR 1b | VAPA Course | Spanish 3 or Psychology |
|  | 12 | English 1 (COS) and English 2 (COS) or English 4 or Eng Lit/Comp AP | AP Calculus AB or AP Statistics or MRWC | Physics or AP Biology | AP Gov and Econ or Gov and Econ | Pharmacology 1a and Pharmacology 1b |  |  |
|  |  |  |  |  |  |  |  |  |
| Allied Health Assistant | 9 | English 1 - Adv or English 1 | IM 2 Honors or IM 1 | Biology |  | Intro to Medical Careers | PE 1 | Spanish 1 |
|  | 10 | English 2 - Honors or English 2 | IM 3 Honors or IM 3 or IM 2 | Chemistry or AP Chemistry | World History or World History AP | Medical Terminology | PE 2 or Strength \& Conditioning | Spanish 2 |
|  | 11 | English 3 or Eng Lng/Comp AP | AP Calculus AB or AP Statistics or IM 3 | Anatomy \& Physiology | US History or US History AP | Health Sci Theory 1a and Health Sci Theory $\qquad$ | VAPA Course | Spanish 3 or Psychology |
|  | 12 | English 1 (COS) and English 2 (COS) or English 4 or Eng Lit/Comp AP | AP Calculus AB or AP Statistics or MRWC | Physics or AP Biology | AP Gov and Econ or Gov and Econ | Health Asst 1a and Health Asst 1b |  |  |


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| Career Path | Grade | English | Math | Science | History | Academy Elective | Required Elective | Recommended Elective |
| Dental Assistant | 9 | English 1 - Adv or English 1 | IM 2 Honors or IM 1 | Biology |  | Intro to Medical Careers | PE 1 | Spanish 1 |
|  | 10 | English 2 - Honors or English 2 | IM 3 Honors or IM 3 or IM 2 | Chemistry or AP Chemistry | World History or World History AP | Medical Terminology | PE 2 or Strength \& Conditioning | Spanish 2 |
|  | 11 | English 3 or Eng Lng/Comp AP | AP Calculus AB or AP Statistics or IM 3 | Anatomy \& Physiology | US History or US History AP | Dental Asst 1a and Dental Asst 1b | VAPA Course | Spanish 3 or Psychology |
|  | 12 | English 1 (COS) and <br> English 2 (COS) or English 4 or Eng Lit/Comp AP | AP Calculus AB or AP Statistics or MRWC | Physics or AP Biology | AP Gov and Econ or Gov and Econ | Pharmacology 1a and Pharmacology 1b |  |  |
|  |  |  |  |  |  |  |  |  |
| Medical Assistant | 9 | English 1 - Adv or English 1 | IM 2 Honors or IM 1 | Biology |  | Intro to Medical Careers | PE 1 | Spanish 1 |
|  | 10 | English 2 - Honors or English 2 | IM 3 Honors or IM 3 or IM 2 | Chemistry or AP Chemistry | World History or World History AP | Medical Terminology | PE 2 or Strength \& Conditioning | Spanish 2 |
|  | 11 | English 3 or Eng Lng/Comp AP | AP Calculus AB or AP Statistics or IM 3 | Anatomy \& Physiology | US History or US History AP | Medical Asst 1a and Medical Asst 1b | VAPA Course | Spanish 3 or Psychology |
|  | 12 | English 1 (COS) and English 2 (COS) or English 4 or Eng Lit/Comp AP | AP Calculus AB or AP Statistics or MRWC | Physics or AP Biology | AP Gov and Econ or Gov and Econ | Pharmacology 1a and Pharmacology 1b |  |  |
|  |  |  |  |  |  |  |  |  |
| EKG/ECG Technician | 9 | English 1 - Adv or English 1 | $\begin{gathered} \hline \text { IM } 2 \text { Honors or } \\ \text { IM } 1 \end{gathered}$ | Biology |  | Intro to Medical Careers | PE 1 | Spanish 1 |
|  | 10 | English 2 - Honors or English 2 | IM 3 Honors or <br> IM 3 or <br> IM 2 | Chemistry or AP Chemistry | World History or World History AP | Medical Terminology | PE 2 or Strength \& Conditioning | Spanish 2 |
|  | 11 | English 3 or Eng Lng/Comp AP | AP Calculus AB or AP Statistics or IM 3 | Anatomy \& Physiology | US History or US History AP | Med Dia Tech 1a and Med Dia Tech 1b | VAPA Course | Spanish 3 or Psychology |
|  | 12 | English 1 (COS) and English 2 (COS) or English 4 or Eng Lit/Comp AP | AP Calculus AB or AP Statistics or MRWC | Physics or AP Biology | AP Gov and Econ or Gov and Econ | EKG Tech 1a and EKG Tech 1b |  | Pathophysiology 1a and Pathophysiology 1b |


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| Career Path | Grade | English | Math | Science | History | Academy Elective | Required Elective | Recommended Elective |
| Biotechnician | 9 | English 1 - Adv or English 1 | IM 2 Honors or IM 1 | Biology |  | Intro to Medical Careers | PE 1 | Spanish 1 |
|  | 10 | English 2 - Honors or English 2 | IM 3 Honors or IM 3 or IM 2 | Chemistry or AP Chemistry | World History or World History AP | Medical Terminology | PE 2 or Strength \& Conditioning | Spanish 2 |
|  | 11 | English 3 or Eng Lng/Comp AP | AP Calculus AB or AP Statistics or IM 3 | Anatomy \& Physiology | US History or US History AP | Biotech 1a and Biotech 1b | VAPA Course | Spanish 3 or Psychology |
|  | 12 | English 1 (COS) and English 2 (COS) or English 4 or <br> Eng Lit/Comp AP | AP Calculus AB or AP Statistics or MRWC | Physics or AP Biology | AP Gov and Econ or Gov and Econ | Biotech 2a and Biotech 2b |  |  |
|  |  |  |  |  |  |  |  |  |
| Nursing Assistant | 9 | English 1 - Adv or English 1 | IM 2 Honors or | Biology |  | Intro to Medical Careers | PE 1 | Spanish 1 |
|  | 10 | English 2 - Honors or English 2 | IM 3 Honors or IM 3 or IM 2 | Chemistry or AP Chemistry | World History or World History AP | Medical Terminology | PE 2 or Strength \& Conditioning | Spanish 2 |
|  | 11 | English 3 or Eng Lng/Comp AP | $\begin{aligned} & \text { AP Calculus AB or } \\ & \text { AP Statistics or } \\ & \text { IM } 3 \end{aligned}$ | Anatomy \& Physiology | US History or US History AP | Intermediate Patient Care | VAPA Course | Spanish 3 or Psychology |
|  | 12 | English 1 (COS) and English 2 (COS) or English 4 or Eng Lit/Comp AP | AP Calculus AB or AP Statistics or MRWC | Physics or AP Biology | AP Gov and Econ or Gov and Econ | Advanced Nursing Assistant |  |  |
|  |  |  |  |  |  |  |  |  |
| Medical Lab Assistant | 9 | $\begin{gathered} \hline \text { English } 1 \text { - Adv or } \\ \text { English } 1 \\ \hline \end{gathered}$ | IM 2 Honors or IM 1 | Biology |  | Intro to Medical Careers | PE 1 | Spanish 1 |
|  | 10 | English 2 - Honors or English 2 | IM 3 Honors or IM 3 or IM 2 | Chemistry or AP Chemistry | World History or World History AP | Medical Terminology | PE 2 or Strength \& Conditioning | Spanish 2 |
|  | 11 | English 3 or Eng Lng/Comp AP | AP Calculus AB or AP Statistics or IM 3 | Anatomy \& Physiology | US History or US History AP | Intermediate Patient Care | VAPA Course | Spanish 3 or Psychology |
|  | 12 | English 1 (COS) and English 2 (COS) or English 4 or Eng Lit/Comp AP | AP Calculus AB or AP Statistics or MRWC | Physics or AP Biology | AP Gov and Econ or Gov and Econ | Medical Lab Assisting 1a and Medical Lab Assisting 1b | Pathophysiology 1a and Pathophysiology 1b |  |

