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| Career Technical Education (CTE) Program of Study for Entry into 4 year University | | | | | | | | | | | | | | | |
|  | | | **Name:** | | | **ID:** | | **Gr:** | | **Department:** Science or Family Consumer Science | | | | | |
| **Industry Sector:**  Health Science and Medical Technology | | | **Career Pathway:**  Patient Care | | | | | **Student Organization or Club:**  Fitness Club, Dare to Care, Shot Club, Club Med | | | | |
| **Recommended High School Course Schedule** | | | | | | | | | | | | | | | |
| ***Level*** | ***Grade*** | ***English*** | | ***Social Studies*** | ***Math*** | | ***Science*** | | ***Other Required Courses, Electives, CTE*** | | | ***Other Required Courses, Electives, CTE*** | | ***Work-Based***  ***Learning Activities*** | |
| Secondary | 9 | English 1 or  English 1 Pre-AP | | Geography & Health & Wellness | Geometry | | Biology | | Physical Ed 1 | | | Foreign Language | | * Student Club | |
| 10 | English 2 or  English 2 Pre-AP | | World History or  World History Adv. | Algebra 2/ Trigonometry | | Chemistry | | Physical Ed 2 | | | Foreign Language | | * ROP Industry Day * Student Club | |
| 11 | English 3 or  AP English  Lang/Comp | | US History or  AP US History | Pre-Calculus or  Probability and Statistics | | \*\*Anatomy and Physiology | | Fine Art | | | **Select one:**  Introduction to Health **or**  \*ROP Health Careers **or**  Health & Family Living\*\* | | * Student Club | |
| 12 | English 4 or  AP English Literature | | Government & Economics or AP US Govern. & Politics | AP Calculus, or AP Statistics, Foreign Language, or Elective | | Physics or AP Chemistry or AP Biology | | \*\*\*ROP Medical Occupations  (2 Periods) | | | | | * Student Club * ROP Community Classroom * ROP Portfolio Day * Senior Exit Interviews | |
| Postsecondary | **Articulated Courses: Student earns Merced College units of credit for the identified college course when student passes the ACE (Articulated Credit by Exam)** | | | | | | | | | | | | | | |
| MUHSD/ROP | | | | | | MERCED COLLEGE | | | | | | | | UNITS |
| Health and Family Living | | | | | | HLTH 10: Contemporary Health | | | | | | | | 3 |
| ROP Medical Occupations (2 Periods) – provides Community Placement | | | | | | ALLH 67: Medical Terminology | | | | | | | | 3 |
| Anatomy and Physiology | | | | | | BIO 50: Survey of Anatomy and Physiology | | | | | | | | 3 |
| ***\*ROP Certificate Earned at Completion of Course \*\*Merced College credit earned through articulation \*\*\*ROP & Articulation*** | | | | | | | | | | | | | | | |
| Merced Community College Coursework Related to the Pathway | | | | | | | | | Sample Occupations Related to This Pathway | | | | | | |
| Degrees & Certificates | | | | | Sample Courses | | | | AA or AS Degree or Certificate | | | | BS or BA Degree or Higher | | |
| Degrees:  AA – Vocational Nursing (LVN)  AS – Registered Nursing (RN)  AS – Diagnostic Radiolgic Technology  Certificates:  EMT, Nursing Assistant (CNA), Vocational Nursing, Diagnostic Radiologic Technology, Diagnostic Medical Sonography or Cardiac Track, Medical Assistant | | | | | REGN 16: Pharmacology I  PSYC 09: Human Development  NUTR 10: Nutrition  SPMD 42: Introduction to Athletic Training  RADT 50: Career Exploration in Medical Imaging  RADT 69D: Principles of Venipuncture  SONO 43A: OB/GYN Sonography | | | | Medical Assistant  Registered Nurse (RN)  Licensed Vocational Nurse (LVN)  Emergency Medical Technician (EMT)  Certified Nursing Assistant (CNA)  Respiratory Therapist  Radiologic Technician  Diagnostic Medical Sonographer  Dental Hygenist | | | | Bachelors in Nursing (BSN-RN)  Nurse Practitioner  Pharmacist  Physician’s Assistant (PA)  Physical Therapist  Medical Doctor (MD)  Dentist  Chiropractor | | |

Merced College: POS Health Therapeutic Services 4 Year University- 9/5/12