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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 orEnglish 1 Pre-AP | Geography & Health & Wellness  | Geometry | Biology | Physical Ed 1  | Foreign Language | * Student Club
 |
| 10 | English 2 orEnglish 2 Pre-AP | World History orWorld History Adv. | Algebra 2/ Trigonometry | Chemistry | Physical Ed 2  | Foreign Language | * ROP Industry Day
* Student Club
 |
| 11 | English 3 orAP EnglishLang/Comp  | US History orAP 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 orAP 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 TechnologyCertificates:EMT, Nursing Assistant (CNA), Vocational Nursing, Diagnostic Radiologic Technology, Diagnostic Medical Sonography or Cardiac Track, Medical Assistant | REGN 16: Pharmacology IPSYC 09: Human DevelopmentNUTR 10: NutritionSPMD 42: Introduction to Athletic TrainingRADT 50: Career Exploration in Medical ImagingRADT 69D: Principles of VenipunctureSONO 43A: OB/GYN Sonography | Medical AssistantRegistered Nurse (RN)Licensed Vocational Nurse (LVN)Emergency Medical Technician (EMT)Certified Nursing Assistant (CNA)Respiratory TherapistRadiologic TechnicianDiagnostic Medical SonographerDental Hygenist | Bachelors in Nursing (BSN-RN)Nurse PractitionerPharmacistPhysician’s Assistant (PA)Physical TherapistMedical Doctor (MD)DentistChiropractor |

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