



Sylmar Biotech Health Academy
Course Sequence 2017/18

COLLEGE READINESS

A - G 210 Credits	A History 30	B ELA 40	C Math 30	D Science 20	E Language 20	F VAPA 10	G Electives 10+	Other
Freshman	NONE *PE	ELA 9	ALG 1 or Geometry	NONE Freshman Seminar *Health	NONE	Art - Design	Principles of Biomedical Science Introduction to Engineering	*LAUSD PE-20 credits Health-5 credits
Sophomore	World History or AP World	ELA 10	Geometry or ALG 2	Biology	Equivalency Test: Spanish Speaker Proficiency Test OR Spanish Medical Terminology	*PE	Human Body Systems Sports Therapeutic Principles of Engineering	*LAUSD PE-20 Mission College Dual Enrollment (Sociology, Psychology, Chicano Studies)
Junior	US History or AP USH	ELA 11 or AP Lit	ALG 2 or Pre-Calc	Chemistry	World Language	NONE	Sports Medicine Medical Interventions Digital Electronics	Mission College Dual Enrollment (Sociology, Psychology, Chicano Studies)
Senior	Government and Economics	ELA 12 or AP Lang	Pre-Calc or AP Calc	Physics or AP Bio	World Language	NONE	Senior Seminar	Mission College Dual Enrollment (Sociology, Psychology, Chicano Studies)

CAREER READINESS

	CTE Biomedicine Pathway - PLTW*	CTE Sports Medicine Pathway	CTE Engineering Pathway - PLTW*	Project-Based Learning Integrated Units	Work-Based Learning Opportunities	College-Going Culture and Readiness
Freshman	Principles of Biomedical Sciences (PBS)*	Principles of Biomedical Sciences (PBS)*	Introduction to Engineering (IED)*	Multidisciplinary PBL Unit once per semester	Field Trips Guest Speakers Power Skills Class 25 WBL Hours	ECCCO College Prep Curriculum Gear Up Program Naviance
Sophomore	Human Body Systems (HBS)*	Sports Therapeutic	Principles of Engineering (POE)*	Multidisciplinary PBL Unit once per semester	Job Shadow Experience 25 WBL Hours	ECCCO College Prep Curriculum Naviance
Junior	Medical Interventions (MI)*	Sports Medicine	Engineering Design and Development (EDD)*	Multidisciplinary PBL Unit once per semester	Volunteer Experience 25 WBL Hours	ECCCO College Prep Curriculum Naviance
Senior	Senior Seminar	Senior Seminar	Senior Seminar	Multidisciplinary PBL Unit once per semester	Internship Experience 25 WBL Hours	ECCCO College Prep Curriculum College Peer Leaders Naviance

*Project Lead the Way Curriculum

PROFESSIONAL CERTIFICATES: LA MISSION COLLEGE

	CERTIFICATE	OUTCOME
Rising Sophomores	Health Occupations Credential (HOC)	Digital Badge(s) & HOC Credential ~No Cost to Students
Rising Juniors	Certified Nurses Assistant (CNA)	Digital Badge(s) & CNA Credential ~No Cost to Students
Rising Seniors	Pharmacy Technician (plus an additional semester post-graduation) OR Biotechnology Lab Assistant	Digital Badge(s) & Pharmacy Tech Credential ~No Cost to Students

**HEALTH OCCUPATIONS CREDENTIAL (HOC) COURSES
LA MISSION COLLEGE**

Number	Name	Units	Pre-Req	Location
HOC 65	Fundamentals for the Health Care Professional	2.5	English 100 Math 105	Mission Campus
HOC 63	Basic Medical Terminology, Pathophysiology and Pharmacology for the Health Care Professional	2	N/A	Mission Campus
HOC 64	Cultural and Legal Topics for the Health Care Professional	1	N/A	Mission Campus
HOC 62	Skill Set for the Health Care Professional	2	English 100 Math 105	Mission Campus
		7.5		

**CERTIFIED NURSE ASSISTANT (CNA) CREDENTIAL COURSES
LA MISSION COLLEGE**

Number	Name	Units	Pre-Req	Location
HTH 021	Basic Life Support for the Healthcare Provider	0	HOC	Mission Campus
NURSING 056	Essential Practical Skills For Nurse Assistants	1	HOC	Mission Campus
NURSING 399A	Nurse Assistant Training Program	5	HOC	Mission Campus
NURSING 399B	Home Health Aide Training Program	2	HOC	Mission Campus
	Placement Test Minimum Scores English 28 Math 105	8		

FRESHMEN SEMINAR

COMPETENCY-BASED	DIGITAL BADGE / CERTIFICATE
Digital Literacy	Microsoft Word
	Excel Spreadsheet
	PowerPoint
	Email with Attachments
	Google Docs
	Google Drive
Digital Portfolio	Connect-Ed Account
	Senior Portfolio – create website, understand artifact collection
Work-Based Learning Skill(s)	Professionalism: Resume, Cover Letter, Professional Dress, Interview Skills
National Academy Foundation	To Be Determined
Student Learning Outcome(s)	Technologically Proficient Learners
	Compassionate Global Citizens
	21 st Century Skills Practitioners
	Scientific Thinkers
Study Skill(s)	Study Groups
	Interactive Notebooks
	Cornell Notes

SENIOR SEMINAR

COMPONENTS	CURRICULUM
Digital Portfolio	Freshman Year Artifacts & Reflection
	Sophomore Year Artifacts & Reflection
	Junior Year Artifacts & Reflection
	Senior Year Artifacts & Reflection
Senior Defense	Spring Senior Defense Components
	Senior Fall PBL Components (research paper, mentor, etc)
Work-Based Learning Experience	100 Hours Completed over 4 years & Reflection
	Internships 2 Internships Completed & Reflection
	Professional Certificates 2 Certificates Completed & Reflection
National Academy Foundation	To Be Determined
College-Ready Skills	Personal Statement
	FAFSA
	Common App, CSU Mentor, UC

ADVISORY

PURPOSE: SBHA advises students on a variety of issues including: academic and social-emotional needs; goal setting; and college & career readiness.

MISSION: We teach *students* before we teach subjects.

COMPONENTS	CURRICULUM
College & Career	ECCCO Units (to be split between Advisory and Power Skills Class)
	Work-Based Learning Reflections
	Certificate Program Reflections
	Internship Reflections
	Naviance Activities
Freshman / Senior Mentors	9 th Grade / 12 th Grade Monthly Mentors
Grade Checks Student Data Review	Weekly SCHOLOGY Assignment Checks
	Monthly GPA Checks
	Progress Report Grade Checks
	Lexile Scores & SBAC Review
Goal Setting	SMART Goals
	Semester Goal Setting
Social-Emotional	Team-Building Activities
	Advisory Game Days / Competitions
	ACE Program