

# MASTER LIST PROGRAMS OF STUDY



CLASSES OF  
2022-2025

## CORE OFFERINGS

	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
<b>ENGLISH LANGUAGE ARTS (4 credits)</b>	English I Adv English I	English II Adv English II	English III ENGL 1301/1302 AP English Lit AP English Lang	English IV ENGL 1301/1302 ENGL 2327/2328 AP English Lit AP English Lang
<b>MATHEMATICS (4 credits)</b>	Algebra I Adv Alg I Geometry Adv Geometry	Geometry Adv Geometry Algebra II Adv Algebra II	Adv/Algebra II MATH 1314/MATH 1342 Advanced/Precal Financial Math Math Models AP Calculus AP Statistics	Algebra II MATH 1314/MATH 1342 Advanced/Precal Financial Math Math Models AP Calculus AP Statistics
<b>SCIENCE (4 credits)</b>	Biology Adv Biology IPC	Chemistry Adv Chemistry AP Biology Physics	Physics AP Physics CHEM 1405/1407 BIOL 1408/1409 Astronomy Environmental Systems	Physics AP Physics CHEM 1405/1407 BIOL 1408/1409 Astronomy Environmental Systems
<b>SOCIAL STUDIES (3 credits)</b>	World Geography Adv World Geo AP Human Geography	AP Human Geography World History HIST 1301/1302 AP US History AP World History	US History HIST 1301/1302 AP US History GOVT 2305/ECON 2301 Government/Econ AP GOVT/AP ECON	GOVT 2305/ECON 2301 Government/Econ AP GOVT/AP ECON GOVT 2306
<b>LANGUAGES OTHER THAN ENGLISH - LOTE (2 credits)</b>	Adv/Spanish I, II, III German I ASL I Computer Science	Adv/Spanish I, II, III German I/II ASL I/II Comp Sci I, II	Adv/Spanish I, II, III AP Span Lang German I/II/III AP German Lang ASL I/II Comp Sci I, II, AP	Spanish I, II, III AP Span Lang German I/II/III AP German Lang ASL I/II Comp Sci I, II, AP
<b>PHYSICAL EDUCATION (1 credit)</b>	Athletics I PHED 1164 (CA ONLY -.5) FITS	Athletics II PHED 1164 (.5) FITS	Athletics III PHED 1164 (.5) FITS	Athletics IV PHED 1164 (.5) FITS
<b>FINE ARTS (1 credit)</b>	Adv/Art I Theatre Arts I Tech Theatre I ARTS 1301 (CA Only-.5)	Adv/Art I, II ARTS 1301 (.5) Theatre Arts I/II Tech Theatre I/II	ART I, II, III ARTS 1301 (.5) Theatre Arts I/II/III Tech Theatre I/II/III	ART I, II, III AP Studio Art AP General Art ARTS 1301 (.5) Theatre Arts I/II/III Tech Theatre I/II/III

# PROGRAMS OF STUDY COURSE OUTLINE

		LEVEL I	LEVEL II	LEVEL III	LEVEL IV
SCHOOL OF STEM	<b>CYBERSECURITY (7 credits)</b>	Computer Science I (1.0)	Computer Science II (1.0)	AP Computer Science (1.0) Synergy - Tech (2.0)	Practicum of Information Tech (2.0)
	<b>ENGINEERING (7 credits)</b>	Aerospace Engineering (1.0)	Aerospace Engineering (1.0)  <b>Prereq: Alg I</b>	Engineering Design and Presentation I (1.0)  <b>Prereq: Alg I, IED</b>	Practicum of STEM (2.0)
SCHOOL OF HUMAN SERVICES	<b>CULINARY ARTS (7 credits)</b>	Introduction to Culinary Arts (1.0)	Introduction to Culinary Arts (1.0)	Culinary Arts (2.0)  <b>Prereq: Intro to Culinary</b>	Practicum of Culinary Arts (2.0) <b>Prereq: Culinary Arts or Adv Culinary Arts</b>
	<b>EDUCATION &amp; TRAINING (7 credits)</b>	Human Growth and Development (1.0)	Instructional Practices (2.0)  <b>Prereq: Human Growth</b>	Instructional Practices (2.0)  <b>Prereq: Human Growth</b>	Practicum in Education and Training (2.0)  <b>Prereq: Instructional Practices</b>
	<b>LAW ENFORCEMENT (7 credits)</b>	Federal Law Enforcement & Protective Services (1.0)	Federal Law Enforcement & Protective Services (1.0)	Forensic Science (1.0) AND Law Enforcement I (1.0) <b>Prereq: Criminal Investigations or Fed Law</b>	Forensic Science (1.0) AND Law Enforcement I (1.0) <b>Prereq: Criminal Investigations or Fed Law</b>
SCHOOL OF VISUAL ARTS	<b>DESIGN &amp; MULTIMEDIA ARTS (7 credits)</b>	Principles of A/V, Arts, and Communications (1.0)	Graphic Design I/Lab (1.0)	Graphic Design II/Lab (2.0)	Practicum in Graphic Design (2.0)
	<b>DIGITAL COMMUNICATIONS (7 credits)</b>	Principles of A/V, Arts, and Communications (1.0)	A/V Production I/Lab (1.0)	A/V Production II/Lab (2.0)	Practicum in A/V (2.0)
	<b>HORTICULTURE &amp; FLORAL DESIGN (7 credits)</b>	Entrepreneurship (1.0)	Floral Design I (1.0)	Advanced Floral Design (1.0) AND Project Based Research: Floral (1.0) <b>Prereq: Floral Design I</b>	Advanced Floral Design (1.0) AND Project Based Research: Floral (1.0) <b>Prereq: Floral Design I</b>
SCHOOL OF BUSINESS & MARKETING	<b>ANIMAL SCIENCE (7 credits)</b>	Principles of Agriculture (1.0)	Livestock Production(1.0)	Vet Med (1.0) Adv Animal Sci (1.0)  <b>Prereq: Livestock</b>	Practicum in Agriculture (2.0)  <b>Prereq: Vet Med</b>
	<b>ENTREPRENEURSHIP (7 credits)</b>	Entrepreneurship I (1.0)	Entrepreneurship I(1.0)	Entrepreneurship II(1.0)  <b>Prereq: Entrepreneurship I</b>	Synergy - Career Prep (2.0)  <b>Prereq: Entrepreneurship I</b>
	<b>MARKETING &amp; SALES (7 credits)</b>	Entrepreneurship I (1.0)	Sports and Entertainment Marketing (0.5)  AND Virtual Business (0.5)	Social Media Marketing (0.5)  AND Advertising (0.5)	Synergy - Career Prep (2.0)

		LEVEL I	LEVEL II	LEVEL III	LEVEL IV
<b>SCHOOL OF HEALTH SCIENCE</b>	<b>HEALTHCARE DIAGNOSTICS (7 credits)</b>	Medical Terminology (1.0)	Medical Terminology (1.0)	Health Science Theory (1.0) <b>Prereq: Med Term</b>	Practicum in Health Science (2.0)
	<b>HEALTHCARE THERAPEUTIC DUAL CREDIT (7 credits)</b> <b>*Application Only</b>	Medical Terminology (1.0)	Medical Terminology (1.0)	Health Science Theory COLL (1.0) Health Science Theory Clinical COLL (1.0) <b>Prereq: Biology, Med Term</b>	Practicum of Health Science (2.0) <b>Prereq: HST, Chemistry,</b>
<b>SCHOOL OF CONSTRUCTION &amp; MANUFACTURING TECHNOLOGIES</b>	<b>ELECTRICAL TECHNOLOGY (7 credits)</b>	Principles of Construction (1.0)	Electrical Technology I (1.0)	Electrical Technology II (2.0) <b>Prereq: Electrical Technology I</b>	Practicum in Electrical Technology (2.0)
	<b>*HVAC (7 credits)</b>	Principles of Construction (1.0)	HVAC Technology I (1.0)	HVAC and Refrigeration Technology II (2.0) <b>Prereq: HVAC Tech I</b>	HVAC and Refrigeration Technology II (2.0) <b>Prereq: HVAC Tech I</b>
	<b>*WELDING (7 credits)</b>	Intro to Welding (1.0)	Intro to Welding (1.0)	Welding I (2.0) <b>Prereq: Intro to Welding</b>	Welding II (2.0) <b>Prereq: Welding I</b>

## PROGRAM NOTES

**\*HEALTH CARE THERAPEUTIC-DUAL CREDIT** Program of Study will require an application AND students will take Dual Credit courses that could lead to a certification and/or degree.

**\*HVAC** students will take Dual Credit courses that could lead to a certification and/or degree.

**\*WELDING** Program of Study will require an application after Level I course AND students will take Dual Credit courses that could lead to a certification and/or degree.

