AGRICULTURE, FOOD, & NATURAL RESOURCES -Business & Industry and/or STEM Endorsement

Animal Science, Plant Science, Env. & Nat. Resources, Ag Welding, Certified Veterinary Asst.

Code	Course
8110	Principles of Agriculture, Food, and Natural Resources
8170	Small Animal Management (sem)
8145	Equine Science (sem)
8141	Livestock Production
8147V	Veterinary Medical Applications- MCTC
8144	Advanced Animal Science (Science credit)
8148V	Veterinarian Assisting- MCTC
8232	Horticultural Science
8237	Floral Design (Fine art credit)
8190	Wildlife, Fisheries, & Ecology Mgmt.
8118	Range Ecology Management
8130	Agricultural Mechanics and Metal Technologies
8122	Agricultural Structures Design & Fabrication
8136	Agricultural Equipment Design and Fabrication
8125	Practicum in Agriculture, Food, and Natural Resources

ARCHITECTURE & CONSTRUCTION- Business & Industry Endorsement and /or STEM Endorsement

Architecture Drafting and Desigs, Construciton Management & Inspection

Code	Course
8198	Interior Design
8048	Civil Engineering and Architecture
8029	Architectural Design I
8030	Architectural Design II
8030V	Architectural Design II-MCTC
8001V	Practicum in Architectural Design-MCTC
8024V	Principles of Construction-MCTC (taken with 8192V)
8192V	Construction Trades I-MCTC (taken with 8024V)
8196V	Construction Trades II-MCTC

ARTS, AUDIO VIDEO, TECHNOLOGY & COMMUNICATION -Business & Industry Endorsement

A/V Production, Commercial Photography, Graphic Design, Animation, Fashion Design

Code	Course
8037	Principles of Arts, Audio/Video Tech & Communications
2002	Digital Communications in the 21st Century
2005	Digital Arts and Animation (Fine Art Credit)
2004	Digital Design and Media Production
1520	Professional Communications 🔊
8031	Audio/Video Production I
8033	Audio/Video Production II
8027V	Digital Audio I- MCTC
8017V	Digital Audio Technology I (Dual Credit) - MCTC
8028V	Digital Audio II- MCTC
8682V	Practicum in Digital Audio-MCTC
8005V	Film I--Advanced Audio/Video Production - MCTC
8006V	Film I--Advanced Audio/Video Production (Dual Credit) MCTC
8035V	Film II--Practicum in Audio/Video Production MCTC
8007V	Film II--Practicum in Audio/Video Production (Dual Credit) MCTC
8009	Commercial Photography I
8013	Commercial Photography II
8036	Animation I
8320	Fashion Design I
8321	Fashion Design II
8053	Graphic Design and Illustration I
8056	Graphic Design and Illustration II

TRANSPORTATION DISTRIBUTION & LOGISTICS-Business & Industry Endorsement

Automotive & Collision Repair, CDL Lliscensed Program

Code	Course
8707V	Automotive Basics MCTC (taken with 8700V)
8700V	Automotive Technology I-Maintenance&Light MCTC (taken with 8707V) (2 credits)
8715V	Automotive Technology II and Lab (3 credits)
8714U	CDL Licensed Program- Practicum in Transportation (RA) (2 credits)
8716U	CDL Licensed Program- Extended Practicum inTransportation (RA) (3 credits)

EDUCATION AND TRAINING - Public Service Endorsement

Teaching & Training, Associates of Arts in Teaching

Code	Course
8994	Principles of Education & Training
8995	Human Growth & Development
8990	Instructional Practices in Education & Training (2 credits)

BUSINESS, MARKETING & FINANCE - Business & Industry Endorsement

Accounting and Fin. Services, Business Management, Entrepreneurship, Marketing and Sales

Code	Course
8540	Principles of Business, Marketing, & Finance
8601	Business Information Management I
8601VIR	KVS Business Information Management I (fall/spring)
8600	Business Information Management I (Dual Credit)
8570	Accounting I
8571	Accounting I (Dual Credit)
8590	Financial Mathematics (Math credit)
8590VIR	KVS Financial Mathematics (fall/spring)
8580	Accounting II (Math credit)
8581	Accounting II (Dual Credit) (Math credit)
8609	Practicum in Business Management (2 credits)
8611	Practicum in Business Management (3 credits)
8622	Business Information Management II
8632	Entrepreneurship I
8683	Entrepreneurship II
8629	Fashion Marketing (sem)
8668	Social Media Marketing (sem)
8633	Sports & Entertainment Marketing I (sem)
8665	Sports & Entertainment Marketing II (sem)

DUAL CREDIT REAL ESTATE - Business & Industry Endorsement

Residential Real Estate License HCC Level 1 Certificate

Code	Course
8690U	Fundamentals of Real Estate (Dual Credit) (2 credits) -(RA)
8691U	Practicum in Entrepreneurship for Real Estate (Dual Credit)-(2 credits)-(RA)
8692U	Marketing for Real Estate (Dual Credit) -(RA)

HOSPITALITY & TOURISM - Business & Industry Endorsement

Culinary Arts

Code	Course
8362	Principles of Hospitality & Tourism
8371V	Culinary Arts (2 credits)-MCTC (taken with 8364V)
8364V	Foundations of Restaurant Management-MCTC (taken with 8371V)
8373V	Practicum in Culinary Arts (2 credits)-MCTC

ENGINEERING FOUNDATIONS & MANUFACTURING -Business & Industry and/or STEM Endorsement

Engineering Foundations, Robotics & Automation, Manufacturing Technology

Code	Course
8043	Principles of Manufacturing (katy HS only)
8616	Principles of Applied Engineering
8602	Engineering Design & Presentation I
8615	Engineering Science (Science credit)
8057V	Manufacturing Engineering Tech. I-MCTC (taken w/ 8058V) (Math credit)
8058V	Manufacturing Engineering Tech. II-MCTC (taken w/ 8057V)
8040	Diversified Manufacturing I (Katy HS only)
8047	Diversified Manufacturing II (Katy HS only)
8654	Engineering Design & Problem Solving (Science credit)
8048	Civil Engineering and Architecture
8059V	Practicum in Manufacturing (2 credits)-MCTC
8660V	Practicum in STEM (2 credits)-MCTC

COMPUTER SCIENCE & INFORMATION TECHNOLOGY-Business & Industry and/or STEM Endorsement

Computer Science, Networking Systems, Computer Technician, Cybersecurity

Code	Course
2019	Intro to Computer Science
2006	AP Computer Science Principles (LOTE credit)
2000	Computer Science I (LOTE credit)
0271	AP Computer Science A (Math & LOTE credit)
8681	AWS Advanced Cloud Computing KAP
8680	Computer Sience - Unity Game Development KAP
2014	Computer Science II KAP (LOTE credit)
2016	Computer Science II - Dual Credit (LOTE credit)
2010	Computer Science III Data Structures KAP (LOTE credit)
2013	Computer Science Independent Study KAP
8684	KAP Career Kickstart Cybersecurity I: Network Fundamentals (SLHS only)
8664V	Computer Technician (2 credits)-MCTC
8685V	Cisco Network Engineering I & Network Engineering I Lab (MCTC) (2 credits)
8686V	Cisco Network Engineering II & Network Engineering II Lab (MCTC) (2 credits)
8678V	Cybersecurity I (taken with 8679V)- (MCTC)
8679V	Cybersecurity II (taken with 8678V)- (MCTC)

LAW & PUBLIC SERVICE - Public Service Endorsement

8990V	Instructional Practices in Education & Training (MCTC) (2 credits)
8996	Instructional Practices in Education & Training (Dual Credit) (2 credits)
8996V	Instructional Practices in Education & Training (Dual Credit) (MCTC)
8991	Practicum in Education & Training (2 credits)
8991V	Practicum in Education & Training (MCTC) (2 credits)

HEALTHCARE - Public Service and/or STEM Endorsement

Clinical Rotations, Dental Assisting, Medical Assistant, EMT, Pharmacy Technician

8093	Principles of Health Science (Health credit)
8079	Medical Terminology
8079VIR	KVS Medical Terminology
8080	Medical Terminology (Dual Credit)
8081	Health Science Theory
8084	Health Science Theory (Dual Credit)
0415	Anatomy & Physiology (Science credit)
0409	Anatomy & Physiology (Dual Credit) (Science credit)
8075V	Dental Assisting I (MCTC) (Fall sem)
8076V	Dental Assisting II (MCTC) (Spring sem)
8085V	Emergency Medical Technician (EMT) (MCTC) (2 credits)
8077	Medical Assistant
8082V	Practicum in Health Science: Clinical Rotations (2 credits)
8072	Practicum in Health Science: Medical Assistant (Dual Credit) (2 credits)
8087V	Pharmacy I (MCTC) (Fall sem)
8088V	Pharmacy II (MCTC) (Spring sem)
8097V	Pharmacology (MCTC)

NJROTC-Navy Junior Reserve Officer Training Corps -Public Service Endorsement

5105	Naval Science I PE Substitution (MCHS only)
8780	Naval Science I (MCHS Only)
8782	Naval Science II (MCHS Only)
8784	Naval Science III (MCHS Only)
8786	Naval Science IV (MCHS Only)

Law Enforcement, Legal Studies

8510	Business Law
8970V	Law Enforcement I-MCTC (taken with 8976V)
8976V	Law Enforcement II-MCTC (taken with 8970V)
8977V	Correctional Services-MCTC(taken with 8984V)
8984V	Criminal Investigations-MCTC (taken with 8977V)
8312	Counseling & Mental Health
0413	Forensic Science (Science credit)
0413V	Forensic Science (Science credit) - MCTC
8972V	Court Systems & Practices-MCTC (taken with 8987V)
8987V	Advanced Legal Systems-MCTC (taken with 8972V)
8985V	Practicum in Law and Public Safety-MCTC (2 credits)

HUMAN SERVICES - Public Service Endorsement

Family & Community Services, Cosmetology & Personal Care Services

8353	Principles of Human Services
1520	Professional Communications
1514	Professional Communications- Dual Credit
8330	Interpersonal Studies
8354	Dollars and Sense
8311	Lifetime Nutrition & Wellness
8995	Human Growth & Development
8312	Counseling & Mental Health
8743V	Introduction to Cosmetology- MCTC (taken with 8744V)
8744V	Cosmetology I (2 credits) MCTC (taken with 8743V)
8751V	Cosmetology Design & Color Theory- MCTC (take w/ 8752V)
8752V	Cosmetology II- (2 credits) MCTC (taken with 8751V)
8344	Practicum in Human Services