

SAN JACINTO COLLEGE DUAL CREDIT CROSSWALK

CORE CURRICULUM

COLLEGE COURSE	SCH	COURSE	HS COURSE	CREDIT	PEIMS NUMBER
ENGLISH LANGUAGE ARTS					
Composition I	3	ENGL 1301	English III A	0.5	03220100
Composition II	3	ENGL 1302	English III B	0.5	03220100
MATHEMATICS					
College Algebra	3	MATH 1314	Independent Study in Mathematics I	1	03102500
LIFE AND PHYSICAL SCIENCES					
Anatomy & Physiology I	3	BIOL 2301	Anatomy & Physiology A	0.5	13020600
Anatomy & Physiology II	3	BIOL 2302	Anatomy & Physiology B	0.5	13020600
General Chemistry I	4	CHEM 1311	Chemistry	1	03040000
Advanced Physics II	4	PHYS 2326	Specialized Topics in Science	1	030603XX
Advanced Physics I	4	PHYS 2325	Physics	1	03050000
LANGUAGE, PHILOSOPHY AND CULTURE					
British Literature I	3	ENGL 2322	English IV	0.5	03220400
CREATIVE ARTS					
Art Appreciation	3	ARTS 1301	Art I	1	03500110
Introduction to Theater	3	DRAM 1310	Theatre Arts I	1	03250100
Music Appreciation	3	MUSI 1306	Music Appreciation I	1	03155600
US HISTORY					
History of the United States to 1877	3	HIST 1301	Special Topics in Social Studies	0.5	033800XX
History of the United States since 1877	3	HIST 1302	US History	1	03340100
GOVERNMENT					
Federal Government	3	GOVT 2305	US Government	0.5	03100600
State and Local Government	3	GOVT 2306	Special Topics in Social Studies	0.5	033800XX
SOCIAL BEHAVIORIAL SCIENCE					
Cultural Anthropology	3	ANTH 2351	Special Topics in Social Studies	0.5	033800XX
Principles of Macroeconomics	3	ECON 2301	Economics/Free Enterprise	0.5	03310300
Principles of Microeconomics	3	ECON 2302	Economics Advanced Studies	0.5	03310301
World Regional Geography	3	GEOG 1303	World Geography Studies	1	03320100
General Psychology	3	PSYC 2301	Psychology	0.5	03350100
Introduction to Sociology	3	SOCI 1301	Sociology	0.5	03370100
COMPONENT AREA					
Business & Professional Communication	3	SPCH 1321	Professional Communication	0.5	13009900
Fundamentals of Speech	3	SPCH 1311	Public Speaking	0.5	3240900
Public Speaking	3	SPCH 1315	Public Speaking	0.5	03240900

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CAREER AND TECHNICAL EDUCATION

COLLEGE COURSE	SCH	COURSE	HS COURSE	CREDIT	PEIMS NUMBER
AIR CONDITIONING TECHNOLOGY					
Technical Customer Service	3	EECT 1300	Practicum in Construction Technology	1	1300250
Basic Electricity for HVAC	4	HART 1401	Electrical Technology I	1	13005600
Refrigeration Principles	4	HART 1407	Heating, Ventilation, and Air Conditioning & Refrig Tech I	1	13005800
Residential Air Conditioning	4	HART 1441	Heating, Ventilation, and Air Conditioning & Refrig Tech II	1	13005900
Gas and Electric Heating	4	HART 1445	Heating, Ventilation, and Air Conditioning & Refrig Tech II	1	13005900
Air Conditioning & Refrigeration Codes	3	HART 2301	Practicum in Construction Technology	1	1300250
Commercial Air Conditioning System Design	3	HART 2302	Practicum in Construction Technology	1	1300250
Advanced Electricity of HVAC	3	HART 2331	Electrical Technology II	1	13005700
Advanced Air Conditioning Controls	3	HART 2334	Electrical Technology II	1	13005700
Air Conditioning Troubleshooting	3	HART 2336	Practicum in Construction Technology	1	1300250
Industrial Air Conditioning	3	HART 2343	Practicum in Construction Technology	1	1300250
Residential A/C Systems Design	3	HART 2345	Practicum in Construction Technology	1	1300250
Heat Pumps	3	HART 2349	Practicum in Construction Technology	1	1300250
Specialized Commercial Refrigeration	3	HART 2357	Practicum in Construction Technology	1	1300250
ARTS & DESIGN					
Digital Imaging I	3	ARTC 1302	Graphic Design & Illustration I	1	13008800
Design Communication I	3	ARTC 1317	Digital Communications in the 21st Century	1	3580610
Introduction to Computer Graphics	3	ARTC 1325	Digital Design and Media Production	1	3580400
Typography	3	ARTC 1327	Professional Communication	0.5	13009900
Portfolio Development for Graphic Design	3	ARTC 2335	Practicum in Graphic Design & Illustration	2	13009000
Design Communication II	3	ARTC 2347	Graphic Design & Illustration II	1	13008900
Field Experience-Graphic Design	3	ARTC 2366	Practicum in Graphic Design & Illustration	2	13009000
Basic Animation	3	ARTV 1303	Animation I	1	13008300
Digital Video	3	ARTV 1351	Audio Video Production I	1	13008500
Introduction to Digital Media	3	IMED 1301	Digital Media	1	13027800
Web Design I	3	IMED 1316	Web Design	1	03580820
Fundamentals of Photography	3	PHTC 1311	Commercial Photography I	1	13009100
AUTOMOTIVE TECHNOLOGY					
Introduction and Theory of Automotive Technology	2	AUMT 1201	Introduction to Transportation Technology	1	13039270
Automotive Climate Control System	3	AUMT 1345	Automotive Technology II	1	13039700
Automotive Electrical Systems	4	AUMT 1407	Automotive Basics	1	13039550
Automotive Brake Systems	4	AUMT 1410	Automotive Technology I	1	13039600
Automotive Suspension & Steering	4	AUMT 1416	Automotive Technology II	1	13039700
Automotive Engine Repair	4	AUMT 1419	Automotive Technology II/Lab	1	13039710
Internship - Automotive Technology	2	AUMT 2289	Practicum in Transportation Systems	1	13040455
Automotive Electrical Diagnosis and Repair	4	AUMT 2421	Small Engine Technology I	1	13040000

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BUSINESS MANAGEMENT - ENTREPRENEUR

Business Computer Applications	3	BCIS 1305	Business Information Management I	1	13011400
Introduction to Accounting I	3	ACNT 1303	Money Matters	1	13016200
Communications in Management	3	BMGT 1305	Professional Communication	0.5	13009900
Human Relations	3	HRPO 1311	Human Resource Management	0.5	13011900
Principles of Management	3	BMGT 1327	Business Management	1	13012100
Small Business Management	3	BUSG 2309	Entrepreneurship	1	13034400
Introduction to Computerized Accounting	3	ACNT 1311	Accounting I	1	13016600

BUSINESS OFFICE SYSTEMS AND SUPPORT

Introduction to Accounting I	3	ACNT 1303	Money Matters	1	13016200
Introduction to Computerized Accounting	3	ACNT 1311	Accounting I	1	13016600
Business Computer Applications	3	BCIS 1305	Business Information Management I	1	13011400
Communications in Management	3	BMGT 1305	Professional Communication	0.5	13009900
Computer Applications II	3	POFI 1341	Business Information Management II	1	13011500
Business English	3	POFT 1301	Business English	1	13011600
Administrative Office Procedures I	3	POFT 1309	Business Management	1	13012100
Records and Information Management I	3	POFT 1319	Virtual Business	0.5	13012000
Business Math Using Technology	3	POFT 1325	Financial Mathematics	1	13018000
Intermediate Keyboarding	3	POFT 2301	Business Information Management II	1	13011500

BUSINESS MANAGEMENT

Business Computer Applications	3	BCIS 1305	Business Information Management I	1	13011400
Human Relations	3	HRPO 1311	Human Resource Management	0.5	13011900
Principles of Marketing	3	MRKG 1311	Principles of Business, Marketing & Finance	0.5	13011200
Introduction to Accounting I	3	ACNT 1303	Money Matters	1	13016200
Principles of Management	3	BMGT 1327	Business Management	1	13012100
Human Resource Management	3	HRPO 2301	Human Resource Management	0.5	13011900
Communications in Management	3	BMGT 1305	Professional Communication	0.5	13009900
e-Commerce Marketing	3	MRKG 2312	Virtual Business	0.5	13012000
Information and Project Management	3	BMGT 1309	Practicum in Business Management	1	13012205
Intercultural Management	3	IBUS 2341	Global Business	0.5	13011800

COMPUTER INFORMATION TECHNOLOGY FOUNDATIONS

CCNA 1 - Intro to Networks	3	ITCC 1314	Internetworking Technologies I	0.5	N1302803
Fundamentals of Networking Technologies	3	ITNW 1325	Networking	1	13027400
Introduction to PC Operating Systems	3	ITSC 1305	Computer Science I	1	3580200
Integrated Software Applications	3	ITSC 1309	Principles of Information Technology	1	13027200
Intermediate PC Operating Systems	3	ITSC 1321	Computer Maintenance/Lab	1	13027310
Personal Computer Hardware	3	ITSC 1325	Computer Maintenance	1	13027300
Programming Logic & Design	3	ITSE 1329	Fundamentals of Computer Science	1	03580140
Introduction to Visual BASIC Programming	3	ITSE 1331	Independent Study in Technology Applications	1	3580900
Information Technology Security	3	ITSY 1342	Foundations of Cybersecurity	1	03580850

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CONSTRUCTION MANAGEMENT

Basic Construction Safety	3	CNBT 1210	Occupational Safety & Environmental Technology I	1	N1303680
Construction Methods & Materials I	3	CNBT 1311	Construction Management I	1	13004900
Field Engineering I	3	CNBT 1315	Building Maintenance Technology	1	13005400
Building Codes & Inspections	4	CNBT 1442	Construction Management II	1	13005000
Construction Estimating I	4	CNBT 1446	Building Maintenance Technology	1	13005400
Blueprint Reading	3	CNBT 2310	Blueprint Reading for Manufacturing Applications	1	N1303684
Construction Specifications and Contracts	3	CNBT 2315	Construction Management II	1	13005000
Construction Management I	3	CNBT 2342	Construction Management I	1	13005100
Construction Management II	3	CNBT 2344	Practicum in Construction Management	1	13005255
Practicum Construction Technology	3	CNBT 2366	Practicum in Construction Management	1	13005255
Computer-Aided Construction Scheduling	4	CNBT 2435	Computer Aided Drafting for Architecture	1	N1300429
Mechanical, Plumbing & Electrical Systems in Construction	4	CNBT 2440	Practicum in Construction Management	1	13005255

COSMETOLOGY

Introduction to Salon Development	2	CSME 1244	Cosmetology II/Lab	1	13025310
Artistry of Hair Design I	3	CSME 1354	Cosmetology I	1	13025200
Fundamentals of Cosmetology	4	CSME 1405	Principles of Cosmetology Design and Color Theory	1	13025050
Introduction to Haircutting and Related Theory	4	CSME 1410	Cosmetology I/Lab	1	13025210
Preparation for the State Licensing Written Examination	3	CSME 1553	Practicum in Human Services	1	13025000
Preparation for the State Licensing Practical Examination	3	CSME 1553	Practicum in Human Services	1	13025000
Advanced Cosmetology Techniques	3	CSME 2337	Cosmetology II	0.5	13025300
The Principles of Hair Coloring/Related Theory	4	CSME 2401	Cosmetology I/Lab	1	13025210
Advanced Hair Design	4	CSME 2439	Cosmetology II/Lab	1	13025310

CRIMINAL JUSTICE

Correctional Systems and Practices	3	CJCR 1307	Correctional Services	1	13029700
Interviewing & Report Writing for Criminal Justice Professionals	3	CJLE 1327	Practicum of Law, Public Safety, Corrections and Security	1	13030100
Crime in America	3	CJSA 1312	Law Enforcement II	1	13029400
Court Systems & Practices	3	CJSA 1313	Court Systems & Practices	1	13029600
Introduction to Criminal Justice	3	CJSA 1322	Principles of Law, Public Safety, Corrections and Security	0.5	13029200
Fundamentals of Criminal Law	3	CJSA 1327	Federal Law Enforcement & Protective Services	1	13029700
Criminal Investigation	3	CJSA 1342	Criminal Investigation	1	13029550
Ethics in Criminal Justice	3	CJSA 1348	Practicum of Law, Public Safety, Corrections and Security	1	13030100
Police Systems & Practices	3	CJSA 1359	Law Enforcement I	1	13029300
Legal Aspects of Law Enforcement	3	CJSA 2300	Correctional Services	1	13029700

CULINARY ARTS - RESTAURANT MGMT OCC CERT

Sanitation and Safety	3	CHEF 1205	Introduction to Culinary Arts	1	13022550
Basic Food Preparation	4	CHEF 1401	Culinary Arts	1	13022600
Nutrition & Diet Therapy	3	HECO 1322	Lifetime Nutrition & Wellness	0.5	13024500
Nutrition for the Food Service Professional	3	IFWA 1318	Lifetime Nutrition & Wellness	0.5	13024500
Fundamentals of Baking	3	PSTR 1301	Culinary Arts	1	13022600

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ELECTRICAL TECHNOLOGY

Electricity Principles	3	CETT 1302	Foundations of Energy	1	13040503
Blueprint Reading	3	CNBT 2310	Blueprint Reading for Manufacturing Applications	1	N1303684
Electrical Calculations I	3	ELPT 1315	Applied Mathematics for Technical Professionals	1	12701410
Introdctuion to Electrical Safety & Tools	3	ELPT 1321	AC/DC Electronics	1	13036800
National Electric Code I	3	ELPT 1325	Solid State Electronics	1	13036900
Commercial Wiring	3	ELPT 1345	Practicum in Construction Technology	1	13005250
Electrical Machines	3	ELPT 1351	Electrical Technology II	1	130056700
Residential Wiring	3	ELPT 1429	Electrical Technology I	1	13005600
National Electrical Code II	3	ELPT 2325	Electrical Technology II	1	130056700

MEDICAL BILLING

Business Computer Applications	3	BCIS 1305	Business Information Management I	1	13011400
Practicum - Health Information/Medical Records	1	HITT 1166	Practicum of Health Science	1	13020500
Medical Terminology I	3	HITT 1305	Medical Terminology	1	13020700
Health Information Systems	3	HITT 1311	Principles of Health Informatics	1	N1302108
Coding & Insurance	3	HITT 1313	Medical Intervention Evaluation & Research	1	N1302125
Coding & Classification Systems	3	HITT 1341	Healthcare Administration & Mgmt	1	13020962
Ambulatory Coding	3	HITT 1342	Health Informatics	1	13020960
Legal & Ethical Aspects of Health Information	3	HITT 1353	Practicum of Health Science	1	13020500
Anatomy & Physiology	3	HITT 1374	Anatomy & Physiology	1	13020600
Billing Certification Exam Review	1	HITT 2145	Project Based Research	1	12701500

PLUMBING TECHNOLOGY

Basic Blueprint	3	PFPB 1306	Blueprint Reading for Manufacturing Applications	1	N1303684
Plumbing Maintenance & Repair	3	PFPB 1321	Plumbing Technology II	1	13006100
Plumbing Codes I	3	PFPB 1323	Plumbing Technology I	1	13006000
Piping Standards & Materials	3	PFPB 2308	Pipefitting Technology II	1	N1300426
Residential Construction Plumbling I	4	PFPB 2409	Practicum in Construction Technology (First Time Taken)	2	13005250

WELDING, COMBINATION

Introduction to Shielded Arc Welding	4	WLDG 1428	Introduction to Welding	1	13032250
Introduction to Gas Tungsten Arc Welding	4	WLDG 1434	Welding I	1	13032300
Intermediate Pipe Welding	4	WLDG 2406	Welding II/Lab	1	13032410
Advanced Shielded Metal Arc Welding	4	WLDG 2443	Welding I	1	13032300
Advanced Gas Tungsten Arc Welding	4	WLDG 2451	Welding II/Lab	1	13032410
Advanced Pipe Welding	4	WLDG 2453	Welding II/Lab	1	13032410