



Trinity Valley Community College Guide for Potential Dual Credit Courses

Crosswalk Overview

This is a **guide** for cross-walking TVCC college credit courses with high school credit for dual credit. This crosswalk is derived from current practices within TVCC service-area Independent School Districts (ISDs), as well as other community colleges. Suggested crosswalks are not mandated. This document is not intended to dictate how local ISDs choose to award high school credit in a dual credit program (this authority is ultimately the ISD's responsibility). This crosswalk is based on the Foundation High School Graduation Plan.

This crosswalk includes the suggested high school course, the TVCC course, the TSI Requirements, and whether the course has prerequisite requirements for enrollment. These prerequisites and TSI Requirements are subject to change as state laws and college policies change. Check the current TVCC academic catalog for updated information. Please note that some courses listed in the crosswalk may be used in different endorsements than listed below.

Dual Credit

Courses taken through Trinity Valley Community College must be pre-approved by the appropriate official at the high school to receive dual credit. Documentation of this approval is presented during the registration period with a completed dual credit form. TSI requirements are for students who are not TSI complete in an area by other tests such as ACT, SAT, STAAR EOC, PLAN, or ASPIRE.

College Transfer Concerns

Points to consider when advising students concerning the transfer of college credits from one college to another:

1. It is the student's responsibility to check with the institution they plan to transfer to concerning the transferability of a course before they register for it. Some private universities will not accept college credit if used for high school credit.
2. Texas public colleges and universities generally transfer courses which have common course numbers and designations. For example: ENGL 1301 is a common course that all Texas public colleges and universities carry. If a course does not carry the same number or designation at the transferring institution, it may not transfer. The student should contact that receiving institution for confirmation. A quick reference guide for compatibility within institutions can be located in the Texas Common Course Numbering System (TCCNS), available at <https://www.tccns.org/>.
3. There are times when a course will be counted as a transfer between institutions; however, that course may not apply to the required courses needed for completion of a particular major. Transfer guides for most Texas institutions are available through the TVCC advisors.
4. Private and out-of-state institutions will decide which courses will transfer individually. The student must contact the private or out-of-state institution to determine if a course will transfer and how it will be applied.

5. In addition to the TSIA requirements listed below, High School 9th and 10th graders are required to take and pass the TSIA2 English test prior to enrolling in any academic Dual Credit Courses.

ENGLISH LANGUAGE ARTS

Four credits. The credits must consist of:

- (A) English I, II, III and Advanced English course
- (B) English I and II for Speakers of Other Languages may be substituted for English I and II only for students with limited English proficiency who are at the beginning of intermediate levels of English language proficiency.

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
English III	ENGL 1301 Composition I	TSIA1- Reading-351 <i>and</i> Writing-Essay-4 AND MC-340 TSIA2- ELAR min 945 or below 945 w/ diagnostic of 5 or 6. Essay-5	
English III	ENGL 1302 Composition II	TSIA1- Reading-351 <i>and</i> Writing-Essay-4 AND MC-340 TSIA2- ELAR min 945 or below 945 w/ diagnostic of 5 or 6. Essay-5	ENGL 1301
1 semester of English IV or Technical Writing	ENGL 2311 Technical & Business Writing (single-semester course)		
English IV	ENGL 2322 British Literature I	TSIA1- Reading-351 <i>and</i> Writing-Essay-4 AND MC-340 TSIA2- ELAR min 945 or below 945 w/ diagnostic of 5 or 6. Essay-5	ENGL 1301
English IV	ENGL 2323 British Literature II	TSIA1- Reading-351 <i>and</i> Writing-Essay-4 AND MC-340 TSIA2- ELAR min 945 or below 945 w/ diagnostic of 5 or 6. Essay-5	ENGL 1301
English IV	ENGL 2327 American Literature I	TSIA1- Reading-351 <i>and</i> Writing-Essay-4 AND MC-340 TSIA2- ELAR min 945 or below 945 w/ diagnostic of 5 or 6. Essay-5	ENGL 1301

English IV	ENGL 2328 American Literature II	TSIA1- Reading-351 <i>and</i> Writing-Essay-4 AND MC-340 TSIA2- ELAR min 945 or below 945 w/ diagnostic of 5 or 6. Essay-5	ENGL 1301
English IV	ENGL 2332 World Literature I	TSIA1- Reading-351 <i>and</i> Writing-Essay-4 AND MC-340 TSIA2- ELAR min 945 or below 945 w/ diagnostic of 5 or 6. Essay-5	ENGL 1301
English IV	ENGL 2333 World Literature II	TSIA1- Reading-351 <i>and</i> Writing-Essay-4 AND MC-340 TSIA2- ELAR min 945 or below 945 w/ diagnostic of 5 or 6. Essay-5	ENGL 1301

MATHEMATICS

Three credits. The credits must consist of:

- (A) Algebra I, Geometry, and Advanced Math course
- (B) The third credit may be selected from the following after successful completion of Algebra I and Geometry: Algebra II, Pre-Calculus, Independent Study in Mathematics, Advanced Quantitative Reasoning (AQR), AP Statistics, AP Calculus AB, AP Calculus BC, AP Computer Science, IB Mathematical Studies Standard Level, IB Mathematics Standard Level, IB Mathematics Higher Level, IB Further Mathematics Standard Level, Engineering Mathematics (CTE), and Statistics and Risk Management (CTE).

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Independent Studies Math	MATH 1314 College Algebra	TSIA 1 Math- 350 TSIA2 Math- 950 or below 950 w/ diagnostic of 6	
Math for Business I	MATH 1324 Mathematics for Business & Social Sciences	TSIA1 Math- 350 TSIA2 Math- 950 or below 950 w/ diagnostic of 6	
Math for Business II	MATH 1325 Calculus for Business & Social Sciences	TSIA 1 Math- 350 TSIA2 Math- 950 or below 950 w/ diagnostic of 6	MATH 1314 or 1324

Contemporary Math	MATH 1332 Contemporary Mathematics (Quantitative Reasoning)	TSIA1 Math- 350 TSIA2 Math- 950 or below 950 w/ diagnostic of 6	
Statistics	MATH 1342 Elementary Statistical Methods	TSIA1 Math- 350 TSIA2 Math- 950 or below 950 w/ diagnostic of 6	
Pre-Calculus	MATH 2312 Pre-Calculus Math	TSIA1 Math- 350 TSIA2 Math- 950 or below 950 w/ diagnostic of 6	MATH 1314
Calculus	MATH 2413 Calculus I	TSIA1 Math- 350 TSIA2 Math- 950 or below 950 w/ diagnostic of 6	MATH 2312
Calculus II	MATH 2414 Calculus II	TSIA1 Math- 350 TSIA2 Math- 950 or below 950 w/ diagnostic of 6	MATH 2413

SCIENCES

Three credits. The credits must consist of:

- (A) Biology, IPC or an Advanced Science course, and Advanced Science course
- (B) The third credit may be selected from any of the following: Aquatic Science, Astronomy, Earth and Space Science, Environmental Systems, AP Biology, AP Chemistry, AP Physics B, AP Physics C, AP Environmental Science, IB Biology, IB Chemistry, IB Physics, IB Environmental Systems, Scientific Research and Design (CTE), Anatomy and Physiology (CTE), Engineering Design and Problem Solving (CTE), Medical Microbiology (CTE), Pathophysiology (CTE), Advanced Animal Science (CTE), Advanced Biotechnology (CTE), Advanced Plant and Soil Science (CTE) Food Science (CTE), and Forensic Science (CTE).

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
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Biology or Adv. Science or Scientific Research and Design	BIOL 1406 Biology for Science Majors I	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5 TSIA2- Math-950 or below 950 w/ diagnostic of 6	MATH 1314
Biology or Adv. Science or Scientific Research and Design	BIOL 1407 Biology for Science Majors II	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5 TSIA2- Math-950 or below 950 w/ diagnostic of 6	MATH 1314
Biology or Adv. Science or Scientific Research and Design	BIOL 1408- Biology for Non-science Majors I	TSI Assessment – Must have completed for diagnostics, but not passed	
Biology or Adv. Science or Scientific Research and Design	BIOL 1409- Biology for Non-science Majors II	TSI Assessment – Must have completed for diagnostics, but not passed	
Advanced Science (Anatomy & Physiology I)	BIOL 2401- Anatomy & Physiology I	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5 TSIA2- Math-950 or below 950 w/ diagnostic of 6	
Advanced Science (Anatomy & Physiology I)	BIOL 2402- Anatomy & Physiology II	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5 TSIA2- Math-950 or below 950 w/ diagnostic of 6	BIOL 2401
Advanced Science (Anatomy & Physiology I)	BIOL 2404- Anatomy & Physiology (single-semester course)	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	

		TSIA2- Math-950 or below 950 w/ diagnostic of 6	
Advanced Science	BIOL 2420- Microbiology for Non-science Majors	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5 TSIA2- Math-950 or below 950 w/ diagnostic of 6	
Advanced Science	CHEM 1405- Introductory Chemistry I	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5 TSIA2- Math-950 or below 950 w/ diagnostic of 6	
Advanced Science	CHEM 1407- Introductory Chemistry II	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5 TSIA2- Math-950 or below 950 w/ diagnostic of 6	
Chemistry	CHEM 1411- General Chemistry I	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5 TSIA2- Math-950 or below 950 w/ diagnostic of 6	MATH 1314
Chemistry	CHEM 1412- General Chemistry II	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5 TSIA2- Math-950 or below 950 w/ diagnostic of 6	CHEM 1411

Advanced Science	CHEM 2423- Organic Chemistry I	TSIA1 Read-351 <i>and</i> Math350 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5 TSIA2- Math-950 or below 950 w/ diagnostic of 6	CHEM 1412
Physics	PHYS 1401- College Physics I	TSIA1 Math- 350 TSIA2 MATH- 950 or below 950 w/ diagnostic of 6	Math 1314 and Math 1316 or Math 2312 or Math 2412
Physics	PHYS 1402- College Physics II	TSIA1 Math- 350 TSIA2 MATH- 950 or below 950 w/ diagnostic of 6	PHYS 1401
Advanced Science	PHYS 1415- Physical Science I	TSIA1 Reading- 351 Essay-4	
Physical Science	PHYS 1417- Physical Science II	TSIA1 Reading- 351 Essay-4	
Advanced Science	PHYS 2425- University Physics I	TSIA1 Math- 350 TSIA2 MATH- 950 or below 950 w/ diagnostic of 6	MATH 2413
Advanced Science	PHYS 2426- University Physics II	TSIA1 Math- 350 TSIA2 MATH- 950 or below 950 w/ diagnostic of 6	PHYS 2425

SOCIAL STUDIES

Three credits. The credits must consist of:

- (A) World History or World Geography or combined World History/World Geography
- (B) U.S. History

(C) U.S. Government (one-half credit) (D) Economics (one-half credit)

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
United States History	HIST 1301 United States History I		
United States History	HIST 1302 United States History II		
Texas History	HIST 2301 Texas History		
US Government (½ credit)	GOVT 2305 Federal Government		
Adv. Social Studies	GOVT 2306 Texas Government		
Economics	ECON 2301 Principles of Macroeconomics	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	
Economics	ECON 2302 Principles of Microeconomics	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	

LANGUAGES OTHER THAN ENGLISH

Two credits. The credits must consist of:

- (A) Level I and Level II in the same language.
 (B) Computer Science I, II and III (other substitutions)

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Spanish II	SPAN 1411 Beginning Spanish I		
Spanish II	SPAN 1412 Beginning Spanish II		SPAN 1411 (recommended)
Spanish III	SPAN 2311 Intermediate Spanish I		SPAN 1412 (recommended)
Spanish III	SPAN 2312 Intermediate Spanish II		SPAN 2311 (recommended)

FINE ARTS

One Credit.

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Art I	ARTS 1301 Art Appreciation	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	
Art I	ARTS 1303 Art History I (Prehistoric to 14 th century)	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	

Art I	ARTS 1304 Art History II (14 th century to the present)	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	
Art II, Drawing I	ARTS 1316- Drawing I		
Art III, Drawing II	ARTS 1317- Drawing II		ARTS 1316
Art, II, Painting I	ARTS 2316- Painting I		ARTS 1316 and 1311
Art II, Ceramics I	ARTS 2346- Ceramics I		
Art III, Ceramics II	ARTS 2347- Ceramics II		ARTS 2346
Theater Arts I	DRAM 1310 Introduction to Theater	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	
Elective	DRAM 2366 Introduction to Cinema	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	

Elective	MUSI 1306 Music Appreciation	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	
Elective	MUSI 1307 Music Literature	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	
Music Theory I	MUSI 1310 American Music	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	

PHYSICAL EDUCATION & HEALTH

One Credit

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Elective	KINE classes are NOT counted as P.E. dual credit on a HS transcript		

ELECTIVES

Five credits. The credits must consist of the following:

- (A) The list of courses approved by the SBOE for Grades 9-12 (relating to Essential Knowledge and Skills) (B) State-approved innovative courses
- (C) JROTC (one to four credits)
- (D) Driver Education (one-half credit)
- (E) Courses offered for dual credit that provide advanced academic instruction for required courses, advanced courses, and courses for elective credit as well as requirements for endorsements.

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
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World Geography Studies	GEOG 1301- Physical Geography	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	
World Geography Studies	GEOG 1303- World Region Geography	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	
Elective	HUMA 1301 Introduction to Humanities		
1 semester English IV, Public Speaking I, Communications Applications or Humanities	PHIL 2306 Introduction to Ethics	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	
Principles of Education & Training, Public Speaking I, Communications Applications or Adv. Social Studies	PSYC/EDUC 1300 Learning Framework		
Psychology	PSYC 2301 General Psychology		
Elective	PSYC 2314 Lifespan Growth & Development		
Adv. Social Studies	SOCI 1301 Introduction to Sociology		

Elective	SOCI 1306 Social Problems		
Public Speaking I or Communications Applications	SPCH 1315- Public Speaking	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	
Public Speaking I or Communications Applications	SPCH 1321- Business and Professional Communication	TSIA1 Reading- 351 Essay – 4 TSIA2- ELAR-945- Essay-5 Below 945 must have diagnostic of 5 or 6 and Essay of 5	

ENDORSEMENTS

- (A) STEM
- (B) Business and Industry
- (C) Public Services
- (D) Arts and Humanities
- (E) Multidisciplinary Studies

Accounting

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Banking and Financial Services	ACCT 2401- Financial Accounting	TSIA1 Math- 350 TSIA2 Math- 950 or below 950 w/ diagnostic of 6	
Accounting I	ACNT 1303 Introduction to Accounting I		

Accounting I	ACNT 1304 Introduction to Accounting II		ACNT 1303 recommended
Accounting II	ACNT 1311 Introduction to Computerized Accounting		
Accounting II	ACNT 1313 Computerized Accounting Applications		ACNT 1311 recommended

ADMIN/SECRETARIAL SERVICES & BUSINESS ADMIN/MANAGEMENT

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Business Management	BMGT 1327 Principles of Management		
Principle of Business, Marketing & Finance	BUSG 1301 Introduction To Business		
Money Matters	BUSG 1304 Financial Literacy		
Entrepreneurship	BUSG 2309 Small Business Management/Entrepreneurship		
Principle of Business, Marketing & Finance	BUSI 1301- Business Principle		

Business Law	BUSI 2301 Business Law		
Human Resource Management	HRPO 2301-Human Resources Management		
Human Resources Management	HPRO 2307- Organization Behavior		
Principle of Business, Marketing & Finance	MRKG 1311- Principles of Marketing		
Principle of Business, Marketing & Finance	MRKG 2349- Sales Promotion & Advertising		
Business Information Management II	POFI 2301 Word Processing		
Principles of Information Technology	POFI 2340- Advanced Word Processing		POFI 2301 recommended
Principles of Information Technology	POFT 1429- Beginning keyboarding		

Career Prep	POFT 1220- Job Search Skills		
I semester of English III or Business English	POFT 1301- Business English		
Financial Mathematics	POFT 1321- Business MATH		
Touch Systems Data Entry	POFT 2312 Business Correspondence & Communication		
Principles of Information Technology	POFT 2401- Intermediate Keyboarding		POFT 1127 recommended

AGRICULTURE

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Livestock Production	AGAH 1353 Beef Cattle Production		
Advanced Animal Science	AGAH 1401- Introductory Animal Science		

Veterinary Medical Applications	AGAH 1447 Animal Reproduction		
Livestock Production	AGAH 2313 Principles of Feeds and Feeding		
Principles of Agriculture, Food, and Natural Resources	AGCR 1341- Forage & Pasture		
Advanced Animal Science	AGCR 2305- Entomology		
Equine Science	AGEQ 1411 Equine Science I		
Practicum in Agriculture, Food & Natural Resources	AGMG 2280 Co-Op Ag Business & Management		
Agribusiness Management and Marketing	AGRI 1131- Ag Industry		
Agribusiness Management and Marketing	AGRI 1325- Market Ag Products		
Principles of Agriculture, Food, and Natural Resources	AGRI 1407- Agronomy		
Advanced Animal Science	AGRI 1419- Intro to Animal Science		

Agricultural Power Systems	AGRI 2301- Ag Power Units		
Agricultural Mechanics and Metal Technologies	AGRI 2303- Ag Construction		
Agribusiness Management and Marketing	AGRI 2317- Intro to Ag Econ		
Veterinary Medical Applications	AGRI 2321 Live Animal Evaluation		
Wildlife, Fisheries & Ecology Management	AGRI 2330 Wildlife Conservation & Management		

AUTO

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Auto Technology I	AUMT 1201- Introduction & Theory of Automotive Technology		
Auto Technology I	AUMT 1213- Automotive Suspension & Steering Systems Theory		AUMT 1201 AUMT 1305
Auto Technology I	AUMT 1241- Automotive Climate Control Systems Theory		AUMT 1201 AUMT 1305

Auto Technology I	AUMT 1257- Automotive Brake Systems Theory		AUMT 1201 AUMT 1305
Auto Technology II	AUMT 1305- Introduction to Automotive Technology		AUMT 1201
Auto Technology II	AUMT 1310- Automotive Brake Systems		AUMT 1201 AUMT 1305
Auto Technology II	AUMT 1316- Automotive Suspension & Steering Systems		AUMT 1201 AUMT 1305
Auto Technology II	AUMT 1345- Automotive Climate Control Systems		AUMT 1201 AUMT 1305

COMPUTER SCIENCE

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Business Information Management I or Business Information Management II	BCIS 1305 Business Computer Applications		
Programming Fundamentals	COSC 1336 Programming Fundamentals I		
Programming Fundamentals II	COSC 1337 Programming Fundamentals II		COSC 1336

Web Technology	ITWE 1311 Beginning Web Programs		
Advanced Cloud Computing	ITNW 1309- Fundamentals of Cloud Computing		
Networking	ITNW 1325 Fundamentals of Networking Technologies		
Networking	ITNW 1358 Network +		
Foundations of Cybersecurity	ITNW 1313 Computer Virtualization		
Computer Programming I	ITSC 1305 Introduction to PC Operating Systems		
Computer Maintenance	ITSC 1325 Personal Computer Hardware		
Web Technologies	ITSE 1311 Beginning Web Programming		
Business Information Management II	ITSW 1304 Introduction to Spreadsheets		BCIS 1305
Computer Science I or II	ITSY 1300 Fundamentals of Information Security		

Computer Science I or II	ITSY 1342 Information Technology Security		
Digital Forensics	ITSY 2301 Firewalls and Network Security		
Cybersecurity Capstone	ITSY 2330 Intrusion Detection		
Practicum in Information Tech	ITSY 2342 Incident Response and Handling		

COSMETOLOGY/ESTHETICIAN

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Cosmetology I	CSME 1310 Introduction to Haircutting & Related Theory		
Cosmetology Facial Specialist	CSME 1348 Principles of Skin Care		
Cosmetology I	CSME 1354- Artistry of Hair I		
Cosmetology II	CSME 1355- Artistry of Hair II		CSME 1355 recommended

Nail Care, Enhancements and Spa Services	CSME 1374- Principles of Nail & Skin Care		
Introduction to Cosmetology	CSME 1401 Orientation to Cosmetology		
Cosmetology Facial Specialist	CSME 1421 Principles of Facial/Skin Care Tech I		
Cosmetology Manicurist Specialty	CSME 1430 Orientation to Nail Technology		
Cosmetology Manicurist Specialty	CSME 1431 Principles of Nail Technology I		
Cosmetology Manicurist Specialty	CSME 1441 Principles of Nail Technology II		CSME 1431 recommended
Cosmetology Manicurist Specialty	CSME 1443 Manicuring and Related Theory		
Cosmetology Facial Specialist	CSME 1445 Principles of Facial/Skin Care Tech II		CSME 1421 recommended
Cosmetology II	CSME 1447 Principles of Skincare/Facials & Related Theory		
Principles of Cosmetology Design & Color Theory	CSME 1453 Chemical Reformation & Related Theory		

Introduction to Cosmetology	CSME 1505- Fundamentals of Cosmetology		
Cosmetology Facial Specialist	CSME 1547 Principles of Skin Care/Facials & Theory		
Principles of Cosmetology Design & Color Theory	CSME 2401 Principles of Hair Coloring & Related Theory		
Cosmetology Facial Specialist	CSME 2431 Principles of Facials/Skin Care Tech III		CSME 1421, CSME 1445 recommended
Cosmetology II	CSME 2441/2541 License Prep		

CRIMINAL JUSTICE

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Court Systems and Practices	CJCR 1307 – Correctional Systems and Practices		
Correctional Services	CJCR 2324- Community Resources in Corrections		
Principles of Law, Public Safety, Corrections, and Security	CJSA 1312- Crime in America		

Court Systems and Practices	CJSA 1313- Court System & Practices		
Correctional Services	CJSA 1317-Juvenile Justice System		
Principles of Law, Public Safety, Corrections, and Security	CJSA 1322- Intro to Criminal Justice		
Court Systems and Practices	CJSA 1327- Fundamentals of Criminal Law		
Forensic Science or Criminal Investigation	CJSA 1342- Criminal Investigation		
Public Service Elective	CJSA 1348 Ethics in Criminal Justice		
Principles of Law, Public Safety, Corrections, and Security	CRIJ 1301- Intro to Criminal Justice		
Court Systems and Practices	CRIJ 1306- Court System & Practices		
Principles of Law, Public Safety, Corrections, and Security	CRIJ 1307- Crime in America		
Court Systems and Practices	CRIJ 1310- Fundamental Criminal Law		

Correctional Services	CRIJ 1313- Juvenile Justice System		
Correctional Service	CRIJ 2313- Correctional System & Practices		
Forensic Science or Criminal Investigation	CRIJ 2314- Criminal Investigation		
Law Enforcement I	CRIJ 2323- Legal Aspects		
Law Enforcement I	CRIJ 2328- Police Systems & Practices		

DRAFTING & DESIGN TECHNOLOGY

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Intro to Computer Aided Design and Drafting	DFTG 1305- Technical Drafting		
Intro to Computer Aided Design and Drafting	DFTG 1310 – Specialized Basic Computer Aided Drafting (CAD)		
Computer aided Drafting for Architecture	DFTG 1317- Architectural Drafting Residential		

Intermediate Computer Aided Design and Drafting	DFTG 1345- Parametric Modeling & Design		
Intermediate Computer Aided Design and Drafting	DFTG 1358- Electronic Drafting		
Intermediate Computer Aided Design and Drafting	DFTG 1357 – Specialized Intermediate Computer Aided Drafting		
Intro to Computer Aided Design and Drafting	DFTG 1409- Basic Computer Aid Drafting		
Topographical Drafting	DFTG 2321- Topographical Drafting		
Intermediate Computer Aided Design and Drafting	DFTG 2323 – Pipe Drafting		
Computer Aided Drafting for Architecture	DFTG 2328- Architectural Drafting; Commercial		
Architectural Design II OR Computer Aided Design/Computer Aided Mfg.	INMT 1343 Computer Aided Design/Computer Aided Manufacturing (CAD/CAM)		DFTG 1457 MCHN 2344
Principles of Manufacturing	MCHN 1320 Precision Tools & Measurement		
Practicum in Manufacturing (first time taken)	MCHN 1326- Intro to Computer Aided Manufacturing		

Precision Metal Manufacturing I	MCHN 1338 Basic Machine Shop I		MCHN 1320
Precision Metal Manufacturing II	MCHN 2341 Advanced Machining		MCHN 1338
Manufacturing Engineering Technology I	MCHN 2344 Computerized Numerical Control Programming		
Manufacturing Engineering Technology II	MCHN 2335 Advanced CNC Machining		MCHN 2344 INMT 1343

EARLY CHILDHOOD DEVELOPMENT

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Instructional Practices	CDEC 1358 Creative Arts for Early Childhood		
Child Guidance	CDEC 1419 Child Guidance		
Practicum in Education and Training	CDEC 1456 Emergent Literacy for Early Childhood		
CDA Foundations	CDEC 1459 Children with Special Needs		

Practicum in Education and Training	CDEC 2307 Math and Science for Early Childhood		
Family & Community Services or Principles of Human Services	CDEC 2315- Diverse Cultural/Multilingual Education		
Practicum in Early Learning or Project Based Research	CDEC 2368 Practicum, Child Care Provider/Assistant		
Principles of Education & Training	CDEC 2441 The School Age Child		
Family & Community Services or Principles of Human Services	TECA 1303 Family, School and Community		
Principles of Education and Training	TECA 1311 Educating Young Children		
Lifetime Nutrition & Wellness	TECA 1318 Wellness of the Young Child		
Child Development & Lab	TECA 1354 Child Growth & Development		

EMERGENCY MEDICAL TECHNOLOGY

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
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Emergency Medical Technician-Basic	EMSP 1160 EMT Basic Clinical		
Emergency Medical Technician-Basic	EMSP 1501 Emergency Medical Technician		

HEALTH/MEDICAL ADMIN SERVICES

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Health Science Clinical	MDCA 1160 Clinical Medical/Clinical Asst.		NURA 1307
SPCH 1315 or Practicum in Health Science	MDCA 1210- Medical Assistant Communication Skills		
Practicum in Health Science	MDCA 1254 Medical Assisting Credential Exam Review (Capstone Course)		
Medical Terminology	MDCA 1313 Medical Terminology		
Health Science Clinical	MDCA 1317 Procedures in a Clinical Setting		
Health Science Clinical	MDCA 1321- Admin Procedures		

Practicum in Health Science	MDCA 1348 Pharmacology & Administration of Medications		
Practicum in Health Science	MDCA 1452 Medical Assistant Laboratory Procedures		
Elective	MRMT 1307- Medical Transcription I		
Elective	POFM 1300- Basic Medical Code		
Elective	POFM 1327- Medical Insurance		

LEGAL ASSISTANT TECHNOLOGY

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Court Systems and Practices	LGLA 1219- Paralegal Ethics		
Court Systems and Practices	LGLA 1345- Civil Litigation		
Legal Research and Writing	LGLA 1353- Wills Trusts & Probates		

Law Enforcement II	LGLA 1355- Family Law		
Law Enforcement I	LGLA 1407- Law & Legal Professions		
Law Enforcement I	LGLA 2305- Interview & Investigating		
Law Enforcement II	LGLA 2313- Criminal Law & Procedure		
Legal Research and Writing	POFL 1305- Legal Terminology		

MEDICAL/NURSING ASSISTANT

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Anatomy & Physiology	NURA 1307 Body Systems		
Certified Nurse Assistant	NURA 1401 Nurse Aide for Health Care		
Practicum in Health Science	PLAB 1171- Phlebotomy Lab		

Practicum in Health Science	PLAB 1323- Phlebotomy		
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PATIENT CARE TECH/SKILLED CARE

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Principles of Diagnostic Healthcare	ECRD 1111/1211- Electrocardiograph		
Principles of Health Science or Health Science Theory	HPRS 1105 Essentials of Medical Law/Ethics for Health Professionals		
Medical Terminology	HPRS 1106- Essential Med Term		
Principles of Nursing Science	NUPC 1164- Practicum Patient Care Assistant/Aide		
Principles of Nursing Science	NUPC 1320- Patient Care Tech		

PHARMACY TECHNICIAN

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
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Introduction to Pharmacy (13020400)	PHRA 1201 Introduction to Pharmacy		
Pharmacy Law (13020400)	PHRA 1202 Pharmacy Law		
Drug Classification (13020950)	PHRA 1205 Drug Classification		
Pharmacy Tech Certification Review (13020410)	PHRA 1243 Pharmacy Tech Certification Review		
Pharmaceutical Mathematics (13020970)	PHRA 1309 Pharmaceutical Mathematics I		
Community Pharmacy Practice (13020410)	PHRA 1313 Community Pharmacy Practice		
Compounding Sterile Preparations (13020500)	PHRA 1345 Compounding Sterile Preparations		
Institutional Pharmacy Practice (13020500)	PHRA 1349 Institutional Pharmacy Practice		
Clinical Pharm Tech/Assist (13020510)	PHRA 1360 Clinical Pharm Tech/Assist		
Pharmacy Drug Therapy & Treatment (13020410)	PHRA 1441 Pharmacy Drug Therapy & Treatment		

Pharmacology	HITT 1249 Pharmacology		
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ROBOTICS & AUTOMATION

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Engineering	ELMT 1305 Basic Fluid Power		
Digital Electronics	ELMT 2339 Advanced Programmable Logic Controllers		
AC/DC	ELPT 1311 Basic Electrical Theory		
Solid State Electronics	ELPT 1341 Motor Control		
Electrical Technology I	ELPT 1345- Commercial Wiring		
Electrical Technology I	ELPT 1357- Industrial Wiring		
Electrical Technology I	ELPT 2305- Motors & Transformers		

Robotics II	RBTC 1241 Vision Systems		
Robotics II	RBTC 1243 Robotics		
Robotics 1	RBTC 2239 Robot Programming and Diagnostics		

WELDING

High School Courses	TVCC Courses	TSI Requirements	Prerequisite
Welding I	WLDG 1202 Fundamentals of Gas Metal Arc Welding		WLDG 1323
Welding II	WLDG 1206 Fundamentals of Gas Tungsten Arc Welding		WLDG 1323
Agricultural Structures Design & Fabrication OR Metal Fabrication and Machining I	WLDG 1317 Introduction to Layout and Fabrication		WLDG 1323
Principles of Welding OR Introduction to Welding	WLDG 1323 Welding Safety, Tools and Equipment		WLDG 1323
Metal Fabrication & Machining II	WLDG 1353 Intermediate Layout & Fabrication		WLDG 1323 WLDG 1317 recommended

Introduction to Welding OR Welding I	WLDG 1407 Introduction to Welding Using Multiple Processes		WLDG 1323
Welding II	WLDG 1428 Introduction to Shielded Metal Arc Welding		WLDG 1323
Welding I	WLDG 1430 Introduction to Gas Metal Arc Welding		WLDG 1323
Welding II	WLDG 1435- Pipe Welding		WLDG 1323
Welding II	WLDG 1457/1557- Intermediate Shielded Metal Arc Welding		WLDG 1323 WLDG 1428 recommended
Introduction to Welding OR Welding I	WLDG 1521- Intro Weld FUND		WLDG 1323
Welding II	WLDG 1530- Gas Metal Arc Welding		WLDG 1323
Practicum in Manufacturing or Welding II	WLDG 2443/2543 Adv. Shielded Metal Arc Welding		WLDG 1323 WLDG 1428 WLDG 1457 Recommended