



THE ADVANCED TECHNICAL CREDIT PROGRAM

How to Use the ATC Articulated Course Crosswalk

The content-enhanced high school courses listed in the following ATC Course Crosswalk have been found to be substantially equal to the introductory-level college courses indicated. Statewide teams of secondary and postsecondary subject area faculty compared the Texas Essential Knowledge and Skills (TEKS) for each high school course with the course descriptions, syllabi, and expectations of courses found in the postsecondary Workforce Education Course Manual (WECM).¹ These courses are most often used in technical certificate and degree programs at public community and technical colleges, including Tech Prep programs.

ATC Course Numbers and Abbreviations – ATC statewide-articulated secondary Career and Technology Education (CTE) courses are identified with unique PEIMS service ID/course numbers (which include the letter “T”) and course abbreviations for technical placement courses (which include the notation “-TP”).

“A” Special Explanation Course Code - All courses eligible for college credit by statewide and local articulation are identified on the high school transcript (Academic Achievement Record, AAR) with the special explanation course code “A.” This code helps participating colleges identify courses taught with enhanced content for award of articulated college credit.

Although the primary purpose of the ATC Course Crosswalk is to provide guidance to colleges in the award of technical (workforce education) college credit for ATC statewide-articulated high school courses, under specific circumstances colleges may elect to award academic transfer credit from the postsecondary Academic Course Guide Manual (AGCM) for selected courses.

¹ Technical courses for public two-year colleges, Texas Higher Education Coordinating Board.

Index of WECM Courses ATC Statewide Articulated Course Crosswalk

The following index lists college WECM courses by course abbreviation and title, followed by numbers that refer to the page or pages in the crosswalk where the college course and the high school equivalents can be found.

Abbreviation	Title	Pages
ACNT 1303 or 1403 ACNT 1003 CEU	Introduction to Accounting I	10
ACNT 1304 or 1404 ACNT 1004 CEU	Introduction to Accounting I	10
ARTC 1313 or 1413 ARTC 1013 CEU	Digital Publishing I	9, 10
ARTC 1325 or 1425 ARTC 1025 CEU	Introduction to Computer Graphics - Print	9, 10
AUMT 1201 or 1301	Introduction and Theory of Automotive Technology	27
AUMT 1305 or 1405 AUMT 1005 CEU	Introduction to Automotive Technology	26
AUMT 1310 or 1410 AUMT 1010 CEU	Automotive Brake Systems	26
AUMT 1316 or 1416 AUMT 1016 CEU	Automotive Suspension and Steering Systems	26
BMGT 1X82	Cooperative Education - Business Administration and Management General	23, 24
BMGT 1301 BMGT 1001 CEU	Supervision	10
BMGT 1303 BMGT 1012 CEU	Principles of Management	10
BNKG 1301 BNKG 1001 CEU	Money and Banking	10
BNKG 1303 BNKG 1003 CEU	Principles of Bank Operation	10
BUSG 2309 BUSG 1009 CEU	Small Business Management	22
CDEC 1220 and 1221 CDEC 1021 CEU	The Infant and Toddler	16, 17, 18
CDEC 1303 or 1403 CDEC 1003 CEU	Family and the Community	14, 16
CDEC 1311 or 1411 CDEC 1011 CEU	Introduction to Early Childhood Education	14, 15, 16, 17
CDEC 1313 or 1413 CDEC 1013 CEU	Curriculum Resources for Early Childhood Programs	16, 17
CDEC 1318 or 1418 CDEC 1018 CEU	Nutrition, Health and Safety	16, 17
CDEC 1319 or 1419 CDEC 1019 CEU	Child Guidance	16, 17
CDEC 1321 or 1421 CDEC 1021 CEU	The Infant and Toddler	15, 16, 17

Abbreviation	Title	Pages
CDEC 2341 or 2441 CDEC 2041 CEU	The School Age Child	15
CETT 1208 and 1209 CETT 1009 CEU	DC-AC Circuits	25
CETT 1303 or 1403 CETT 1003 CEU	DC Circuits	25
CETT 1305 or 1405 CETT 1005 CEU	AC Circuits	25
CETT 1402 or 1502 CETT 1002 CEU	Electricity Principles	20
CETT 1409 or 1509 CETT 1009 CEU	DC-AC Circuits	25
CHEF 1104 and 1105 CHEF 1005 CEU	Sanitation and Safety	18, 19
CHEF 1200 and 1201 CHEF 1001 CEU	Basic Food Preparation	18
CHEF 1205 or 1305 CHEF 1005 CEU	Sanitation and Safety	18, 19
CHEF 1301 or 1401 CHEF 1001 CEU	Basic Food Preparation	18
CJSA 1312	Crime in America	27
CJSA 1322	Introduction to Criminal Justice	27
CJSA 1327	Fundamentals of Criminal Law	27
CPMT 1202 and 1203 CPMT 1003 CEU	Introduction to Computer Technology	24
CPMT 1210 and 1211 CPMT 1011 CEU	Introduction to Computer Maintenance	24
CPMT 1303 or 1403 CPMT 1003 CEU	Introduction to Computer Technology	24
CPMT 1311 or 1411 CPMT 1011 CEU	Introduction to Computer Maintenance	24
CTEC 1301 or 1401 CTEC 1002 CEU	Applied Petrochemical Technology	20
DEMR 1301 or 1401 DEMR 1001 CEU	Shop Safety and Procedures	8, 26
DEMR 1321, 1421, or 1521; DEMR 1021 CEU	Power Train I	8
DFTG 1204 and 1205 DFTG 1005 CEU	Technical Drafting	21, 24
DFTG 1208 and 1209 DFTG 1009 CEU	Basic Computer-Aided Drafting	20, 21, 24
DFTG 1216 and 1217 DFTG 1017 CEU	Architectural Drafting - Residential	21
DFTG 1305 or 1405 DFTG 1005 CEU	Technical Drafting	21, 24
DFTG 1309 or 1409 DFTG 1009 CEU	Basic Computer-Aided Drafting	20, 21, 24

Abbreviation	Title	Pages
DFTG 1317 or 1417 DFTG 1017 CEU	Architectural Drafting - Residential	21
DFTG 1319 or 1409 DFTG 1019 CEU	Fundamentals of Computer-Aided Drafting	20, 21, 24
DFTG 2219 and 2220 DFTG 2019 CEU	Intermediate Computer-Aided Drafting	24
DFTG 2319 or 2419 DFTG 2019 CEU	Intermediate Computer-Aided Drafting	24
EECT 1303 or 1403 EECT 1003 CEU	Introduction to Telecommunications	25
EECT 1340 or 1440 EECT 1040 CEU	Telecommunications Transmission Media	24
ELMT 1305 or 1405 ELMT 1005 CEU	Basic Fluid Power	25
EMSP 1109 or 1209 EMSP 1009 CEU	Emergency Medical Dispatching	13
EMSP 1205 or 1305 EMSP 1005 CEU	Emergency Care Attendant	13
EMSP 1313 or 1413 EMSP 1013 CEU	Emergency Medical Technician - Basic	13
FDNS 1305	Nutrition	17, 18
HAMG 1208 or 1308 HAMG 1008 CEU	Introduction to the Hospitality Industry	17, 18
HAMG 1213 or 1313 HAMG 1013 CEU	Front Office Procedures	19
HAMG 1221 or 1321 HAMG 1007 CEU	Introduction to the Hospitality Industry	17, 18
HAMG 2201 or 2301 HAMG 2001 CEU	Principles of Food and Beverage Operations	17
HAMG 2207 or 2307 HAMG 2007 CEU	Hospitality Marketing and Sales	22
HART 1301 or 1401 HART 1001 CEU	Basic Electricity for HVAC	26
HART 1307 or 1407 HART 1007 CEU	Refrigeration Principles	26
HITT 1205 or 1305 HITT 1005 CEU	Medical Terminology	12
HOMH 1101 or 1201 HOMH 1005 CEU	Home Health Aide	12
HPRS 1101 or 1201 HPRS 1001 CEU	Introduction to Health Professions	12
HPRS 1106 or 1206 HPRS 1006 CEU	Medical Terminology	12
HPRS 1204 or 1304 HPRS 1004 CEU	Basic Health Profession Skills	12
IBUS 1305 or 1405 IBUS 1005 CEU	Introduction to International Trade and Business	11

Abbreviation	Title	Pages
IEIR 1201 and 1202 IEIR 1002 CEU	Introduction to Direct Current Circuits	25
IEIR 1203 and 1204 IEIR 1004 CEU	Alternating Current Circuits for Industrial Applications	25
IEIR 1302 or 1402 IEIR 1002 CEU	Introduction to Direct Current Circuits	25
IEIR 1304 or 1404 IEIR 1004 CEU	Alternating Current Circuits for Industrial Applications	25
IFWA 1129 or 1229 IFWA 1029 CEU	Basic Nutrition	17, 18
IFWA 1218 or 1318 IFWA 1018 CEU	Nutrition for the Food Service Professional	17, 18
IFWA 1401 or 1501 IFWA 1001 CEU	Food Preparation I	18
IMED 1301 or 1401 IMED 1001 CEU	Introduction to Multimedia	10, 20, 24
INTC 1200 and 1201 INTC 1001 CEU	Principles of Industrial Measurements	25
INTC 1205 or 1305	Introduction to Electronic Instrumentation	25
INTC 1207 or 1307 INTC 1007CEU	Electronic Test Equipment	20
INTC 1301 or 1401 INTC 1001 CEU	Principles of Industrial Measurements	25
ITCC 1201 and 1202 ITCC 1002 CEU	CCNA 1: Networking Basics	28
ITCC 1205 and 1206 ITCC 1006 CEU	CCNA 2: Router and Routing Basics	28
ITCC 1302 or 1402 ITCC 1002 CEU	CCNA 1: Networking Basics	28
ITCC 1306 or 1406 ITCC 1006 CEU	CCNA 2: Router and Routing Basics	28
ITCC 1241 and 1242 ITCC 1042 CEU	CCNA 3: Switching Basic and Intermediate Routing	28
ITCC 1245 and 1246 ITCC 1046 CEU	CCNA 4: WAN Technologies	28
ITCC 1342 or 1442 ITCC 1042 CEU	CCNA 3: Switching Basic and Intermediate Routing	28
ITCC 1346 or 1446 ITCC 1046 CEU	CCNA 4: WAN Technologies	28
ITNW 1321 or 1421 ITNW 1009 CEU	Introduction to Networking	10, 28
ITNW 1325 or 1425	Fundamentals of Networking	28
ITNW 1337 or 1437	Introduction to the Internet	28
ITSC 1301 or 1401 ITSC 1001 CEU	Introduction to Computers	9,20
ITSC 1309 or 1409 ITSC 1009 CEU	Integrated Software Applications I	9

Abbreviation	Title	Pages
ITSC 1313 or 1413 ITSC 1013 CEU	Internet/Web Page Development	28
ITSC 1305 or 1405 ITSC 1005 CEU	Introduction to PC Operating Systems	24
ITSC 1325 or 1425 ITSC 1025 CEU	Personal Computer Hardware	24
ITSE 1201 and 1202 ITSE 1002 CEU	Introduction to Computer Programming	9
ITSE 1329 or 1429 ITSE 1029 CEU	Programming Logic and Design	9
ITSE 1302 or 1402 ITSE 1002 CEU	Introduction to Computer Programming	9
ITSW 1301 or 1401 ITSW 1001 CEU	Introduction to Word Processing	9
ITSW 1310 or 1410 ITSW 1010 CEU	Presentation Media Software	9, 10
MCHN 1237 and 1238 MCHN 1038 CEU	Basic Machine Shop I	25
MCHN 1240 and 1241 MCHN 1041 CEU	Basic Machine Shop II	25
MCHN 1338 or 1438 MCHN 1038 CEU	Basic Machine Shop I	25
MCHN 1341 or 1441 MCHN 1041 CEU	Basic Machine Shop II	25
MDCA 1201 and 1202 MDCA 1002 CEU	Human Disease/Pathophysiology	13
MDCA 1205 or 1305 MDCA 1005 CEU	Medical Law and Ethics	13
MDCA 1208 and 1209 MDCA 1009 CEU	Anatomy and Physiology for Medical Assistants	13
MDCA 1213 or 1313 MDCA 1013 CEU	Medical Terminology	11, 13
MDCA 1216 and 1217 MDCA 1017 CEU	Procedures in a Clinical Setting	13
MDCA 1302 or 1402 MDCA 1002 CEU	Human Disease/Pathophysiology	13
MDCA 1309 or 1409 MDCA 1009 CEU	Anatomy and Physiology for Medical Assistants	13
MDCA 1417 or 1517 MDCA 1017 CEU	Procedures in a Clinical Setting	13
MLAB 1101 or 1201 MLAB 1001 CEU	Introduction to Clinical Laboratory Science	12
MRKG 1X66	Practicum (or Field Experience) - Business Marketing and Marketing Management	22, 23
MRKG 1X80	Cooperative Education - Business Marketing and Marketing Management	22, 23
MRKG 1311 MRKG 1011 CEU	Principles of Marketing	22, 23

Abbreviation	Title	Pages
NURA 1301 or 1401 NURA 1001 CEU	Nurse Aide for Health Care Organizations I	12
PHRA 1209 or 1309 PHRA 1009 CEU	Pharmaceutical Mathematics I	12
PHRA 1301 PHRA 1001 CEU	Introduction to Pharmacy	12
PLAB 1123 or 1223 PLAB 1023 CEU	Phlebotomy	12
PLTC 1201 or 1301 PLTC 1001 CEU	Introduction to Plastics	25
PLTC 1206 or 1306 PLTC 1006 CEU	Plastic Quality Control	25
POFI 1200 and 1201 POFI 1001 CEU	Computer Applications I	9
POFI 1240 and 1241 POFI 1041 CEU	Computer Applications II	9
POFI 1301 or 1401 POFI 1001 CEU	Computer Applications I	9
POFI 1341 or 1441 POFI 1041 CEU	Computer Applications II	9
POFI 2331 or 2431 POFI 2031 CEU	Desktop Publishing for the Office	9
POFT 1309 or 1409 POFT 1009 CEU	Administrative Office Procedures I	10
SCIT 1318 or 1418	Applied Physics I	20
SCIT 1322 or 1422	Technical Physics I	20
TRVM 1300 TRVM 1000 CEU	Introduction to Travel and Tourism	22
TRVM 1325 TRVM 1045 CEU	Travel and Tourism Sales and Marketing	22
VNSG 1115 VNSG 1015 CEU	Disease Control and Prevention	12
VNSG 1320 or 1420	Anatomy and Physiology for Allied Health	12
VNSG 1323 or 1423 VNSG 1023 CEU	Basic Nursing Skills	12
VNSG 1405 or 1505	Health Sciences	12
WLDG 1221 and 1222 WLDG 1021 CEU	Introduction to Welding Fundamentals	8, 26
WLDG 1307 WLDG 1007 CEU	Introduction to Welding Using Multiple Processes	8
WLDG 1421 or 1521 WLDG 1021 CEU	Introduction to Welding Fundamentals	26
WLDG 1428 or 1528 WLDG 1028 CEU	Introduction to Shielded Metal Arc Welding	26

ATC Statewide-Articulated Course Crosswalk

AGRICULTURAL SCIENCE AND TECHNOLOGY EDUCATION – TP

(Chapter 119) - Effective School Year 2004-2005

All high school courses **must** include enhanced content equivalent to the college courses indicated, and are a minimum of one (1) high school credit unless otherwise noted.

High School Course	College WECM Equivalent
Agricultural Power and Machinery (AGPWR-TP) 1193442T	<u>Shop Safety and Procedures</u> DEMR 1301 or DEMR 1401 (or DEMR 1001 CEU) AND <u>Power Train I</u> DEMR 1321 or DEMR 1421 (or DEMR 1021 CEU) or DEMR 1521 (until archived on 8/31/2005)
Agricultural Mechanics II (AGMEC2TP) 119344T3	<u>Introduction to Welding Using Multiple Processes</u> WLDG 1307 (or WLDG 1007 CEU) OR <u>Introduction to Welding Fundamentals</u> WLDG 1221 and WLDG 1222 (or WLDG 1021 CEU)

ATC Statewide-Articulated Course Crosswalk

BUSINESS EDUCATION – TP

(Chapter 120) - Effective School Year 2004-2005

All high school courses **must** include enhanced content equivalent to the college courses indicated, and are a minimum of one (1) high school credit unless otherwise noted.

High School Course	College WECM Equivalent
<p>Business Computer Information Systems I (BCIS1-TP) 1201120T</p> <p><i>Prerequisite:</i> Keyboarding course or skill proficiency</p>	<p><u>Computer Applications I</u> POFI 1301 or POFI 1401 (or POFI 1001 CEU)</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p><u>Introduction to Computers</u> ITSC 1301 or ITSC 1401 (or ITSC1001 CEU)</p>
<p>Business Computer Information Systems II (ABCIS-TP) 1203130T</p> <p><u>OR</u></p> <p>Business Computer Information Systems II Career Preparation (BCIS2-TP) 1209930T</p> <p><i>Prerequisite:</i> Business Computer Information Systems I (BEGCIS1) 12011200 or (BCIS1-TP) 1201120T</p>	<p><u>Integrated Software Applications I</u> ITSC 1309 or ITSC 1409 (or ITSC 1009 CEU)</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p><u>Computer Applications II</u> POFI 1341 or POFI 1441 (or POFI 1041 CEU)</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p><u>Digital Publishing I</u> ARTC 1313 or ARTC 1413 (or ARTC 1013 CEU)</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p><u>Introduction to Presentation Graphics Software</u> ITSW 1310 or ITSW 1410 (or ITSW 1010 CEU)</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p><u>Introduction to Computer Graphics</u> ARTC 1325 or ARTC 1425 (or ARTC 1025 CEU)</p>
<p>Business Computer Programming I (BCP1-TP) 1203140T</p> <p><i>Prerequisite:</i> Keyboarding course or skill proficiency</p>	<p><u>Computer Programming</u> ITSE 1302 or ITSE 1402 (or ITSE 1002 CEU)</p>
<p>Business Computer Programming II (BCP2-TP) 1203141T</p> <p><i>Prerequisite:</i> Business Computer Programming I (ADVBCP1) 12031400 or (BCP1-TP) 1203140T</p>	<p><u>Programming Logic and Design</u> ITSE 1329 or ITSE 1449 (or ITSE 1029 CEU)</p>
<p>Word Processing Applications (WDPAP-TP) 1202280T</p> <p><i>Prerequisite:</i> Business Computer Information Systems I (BEGCIS1) 12011200 or (BCIS1-TP) 1201120T or keyboarding course or skill proficiency</p>	<p><u>Introduction to Word Processing</u> ITSW 1301 or ITSW 1401 (or ITSW 1001 CEU)</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p><u>Desktop Publishing for the Office</u> POFI 2331 or POFI 2431 (or POFI 2031 CEU)</p>

Accounting I (BACCT-TP) 1202210T	<u>Introduction to Accounting I</u> ACNT 1303 or ACNT 1403 (or ACNT 1003 CEU) AND <u>Introduction to Accounting II</u> ACNT 1304 or ACNT 1404 (or ACNT 1004 CEU)
Banking and Financial Systems (½ credit) (BFINS-TP) 1202220T AND Accounting II (½ credit) (AACCT-TP) 1203110T <i>Prerequisite:</i> Accounting I (BEGACCT1) 12022100 or (BACCT-TP) 1202210T	<u>Principles of Bank Operation</u> BNKG 1303 (or BNKG 1003 CEU) OR <hr style="border-top: 1px dashed black;"/> <u>Money and Banking</u> BNKG 1301 (or BNKG 1001 CEU)
Business Management (½ credit) (BMGMT-TP) 1202250T AND Business Ownership (½ credit) (BOWNS-TP) 1202260T	<u>Principles of Management</u> BMGT 1303 (or BMGT 1012 CEU) OR <hr style="border-top: 1px dashed black;"/> <u>Supervision</u> BMGT 1301 (or BMGT 1001 CEU)
Telecommunications and Networking (TLNET-TP) 1202270T <i>Prerequisite:</i> Business Computer Information Systems I (BEGCIS1) 12011200 or (BCIS1-TP) 1201120T	<u>Introduction to Networking</u> ITNW 1321 or ITNW 1421 (or ITNW 1009 CEU)
Administrative Procedures Career Preparation (BECP1-TP) 1209910T Must total 3 credits and include work-based learning	<u>Administrative Office Procedures I</u> POFT 1309 or POFT 1409 (or POFT 1009 CEU)
International Business (INTB1-TP) 1203150T	<u>Introduction to International Business and Trade</u> IBUS 1305 or IBUS 1405 (or IBUS 1005 CEU)
Business Image Management & Multimedia (BIM&M-TP) 1202230T <i>Prerequisite:</i> Business Computer Information Systems I (BEGCIS1) 12011200 or (BCIS1-TP) 1201120T	<u>Introduction to Multimedia</u> IMED 1301 or IMED 1401 (or IMED 1001 CEU) OR <hr style="border-top: 1px dashed black;"/> <u>Digital Publishing I</u> ARTC 1313 or ARTC 1413 (or ARTC 1013 CEU) OR <hr style="border-top: 1px dashed black;"/> <u>Introduction to Computer Graphics</u> ARTC 1325 or ARTC 1425 (or ARTC 1025 CEU) OR <hr style="border-top: 1px dashed black;"/> <u>Introduction to Presentation Graphics Software</u> ITSW 1310 or ITSW 1410 (or ITSW 1010 CEU) AND <u>Digital Publishing I</u> ARTC 1313 or ARTC 1413 (or ARTC 1013 CEU)

ATC Statewide-Articulated Course Crosswalk

HEALTH SCIENCE TECHNOLOGY EDUCATION – TP

(Chapter 121) - Effective School Year 2004-2005

All high school courses **must** include enhanced content equivalent to the college courses indicated, and are a minimum of one (1) high school credit unless otherwise noted.

High School Course	College WECM Equivalent
<p>Medical Terminology (½ credit) (MDTRM-TP) 1212122T</p> <p style="text-align: center;">AND</p> <p>Introduction to Health Science Technology (½-1 credit) (INTHS-TP) 1210120T OR any statewide-articulated health science technology course</p>	<p>Medical Terminology HPRS 1106 or HPRS 1206 (or HPRS 1006 CEU)</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p>Medical Terminology MDCA 1213 or MDCA 1313 (or MDCA 1013 CEU)</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p>Medical Terminology HITT 1205 or HITT 1305 (or HITT 1005 CEU)</p>
<p>Health Science Technology I (HSTI-TP) 1210130T</p> <p style="text-align: center;">AND</p> <p>Health Science Technology II (HSTII-TP) 1210140T <u>OR</u> Health Science Technology Career Preparation II (HST2CPTP) 1210550T</p> <p style="text-align: center;"><i>Prerequisite for both HSTII-TP and HST2CPTP:</i> Biology; Chemistry suggested</p>	<p>Introduction to Health Professions HPRS 1101 or HPRS 1201 (or HPRS 1001 CEU)</p> <p style="text-align: center;">AND</p> <p>Basic Health Profession Skills HPRS 1204 or HPRS 1304 (or HPRS 1004 CEU)</p>
<p style="text-align: center;">Nurse Aide/Home Health Aide</p> <p>Health Science Technology II (HSTII-TP) 1210140T <u>OR</u> Health Science Technology Career Preparation II (HST2CPTP) 1210550T</p> <p style="text-align: center;"><i>Prerequisite for both HSTII-TP and HST2CPTP:</i> Biology; Chemistry suggested</p> <p style="text-align: center;">AND</p> <p>State certification as a Certified Nurse Assistant (CNA)</p> <p style="text-align: center;">OR</p> <p>Health Science Technology III Vocational Nursing (HST3VNTP) 1210154T <u>OR</u> Vocational Nursing Career Preparation III (HSCPVNTP) 1210654T</p> <p style="text-align: center;"><i>Prerequisite for both HSTII-TP and HST2CPTP:</i> Biology; Chemistry suggested</p> <p style="text-align: center;">AND</p> <p>State certification as a Certified Nurse Assistant (CNA)</p>	<p>Nurse Aide for Health Care Organizations I NURA 1301 or NURA 1401 (or NURA 1001 CEU)</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p>Home Health Aide HOMH 1101 or HOMH 1201 (or HOMH 1005 CEU)</p>

<p style="text-align: center;"><i>Vocational Nursing</i></p> <p>Health Science Technology II (HSTII-TP) 1210140T <u>OR</u> Health Science Technology Career Preparation II (HST2CPTP) 1210550T</p> <p><i>Prerequisite:</i> Biology; Chemistry suggested</p> <p style="text-align: center;">OR</p> <p>Health Science Technology III Vocational Nursing (HST3VNTP) 1210154T <u>OR</u> Vocational Nursing Career Preparation III (HSCPVNTP) 1210654T</p> <p><i>Prerequisite:</i> Biology; Chemistry suggested</p>	<p><u>Disease Control and Prevention</u> VNSG 1115 (or VNSG 1015 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Basic Nursing Skills</u> VNSG 1323 or VNSG 1423 (or VNSG 1023 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Health Sciences</u> VNSG 1405 or VNSG 1505</p> <p style="text-align: center;">AND</p> <p><u>Anatomy and Physiology for Allied Health</u> VNSG 1320 or VNSG 1420</p>
<p style="text-align: center;"><i>Medical Laboratory Technology</i></p> <p>Health Science Technology III Medical Lab (HST3MLTP) 1210153T <u>OR</u> Medical Lab Career Preparation III (HSCPMLTP) 1210653T</p> <p><i>Prerequisite:</i> Biology and Chemistry</p>	<p><u>Introduction to Clinical Laboratory Science</u> MLAB 1101 or MLAB 1201 (or MLAB 1001 CEU)</p>
<p style="text-align: center;"><i>Medical Laboratory Technology</i></p> <p>Health Science Technology III Medical Lab (HST3MLTP) 1210153T <u>OR</u> Medical Lab Career Preparation III (HSCPMLTP) 1210653T</p> <p style="text-align: center;">AND</p> <p>National certification in Phlebotomy</p> <p><i>Prerequisite:</i> Biology and Chemistry</p>	<p><u>Introduction to Clinical Laboratory Science</u> MLAB 1101 or MLAB 1201 (or MLAB 1001 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Phlebotomy</u> PLAB 1123 or PLAB 1223 (or PLAB 1023 CEU)</p>
<p style="text-align: center;"><i>Pharmacy Assisting</i></p> <p>Health Science Technology III Pharmacy Aide (HST3PATP) 1210151T <u>OR</u> Pharmacy Aide Lab Career Preparation III (HSCPPATP) 1210651T</p> <p><i>Prerequisite:</i> Biology and Chemistry</p>	<p><u>Introduction to Pharmacy</u> PHRA 1301 (or PHRA 1001 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Pharmaceutical Mathematics I</u> PHRA 1209 or PHRA 1309 (or PHRA 1009 CEU)</p>

<p style="text-align: center;"><i>Medical Assisting</i></p> <p>Health Science Technology III Medical Assisting (HST3MATP) 1210155T <u>OR</u> Medical Assisting Career Preparation III (HSCPMATP) 1210655T</p> <p style="text-align: center;"><i>Prerequisite:</i> Biology; Chemistry suggested</p>	<p><u>Medical Law and Ethics</u> MDCA 1205 or MDCA 1305 (or MDCA 1005 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Procedures in a Clinical Setting</u> MDCA 1417 or MDCA 1517 <u>OR</u> MDCA 1216 and MDCA 1217 (or MDCA 1017 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Human Disease/Pathophysiology</u> MDCA 1302 OR MDCA 1402 <u>OR</u> MDCA 1201 and MDCA 1202 (or MDCA 1002 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Medical Terminology</u> MDCA 1213 or MDCA 1313 (or MDCA 1013 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Anatomy and Physiology for Medical Assistants</u> MDCA 1309 or MDCA 1409 <u>OR</u> MDCA 1208 and MDCA 1209 (or MDCA 1009 CEU)</p>
<p style="text-align: center;"><i>Emergency Medical Technology</i></p> <p>Health Science Technology III EMT-Basic (HST3EMTP) 1210152T <u>OR</u> EMT-Basic Career Preparation III (HSCPEMTP) 1210652T</p> <p style="text-align: center;">AND</p> <p>State certification in EMT-Basic</p> <p style="text-align: center;"><i>Prerequisite:</i> Biology; Chemistry suggested</p>	<p><u>Emergency Care Attendant</u> EMSP 1205 or EMSP 1305 (or EMSP 1005 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Emergency Medical Dispatching</u> EMSP 1109 or EMSP 1209 (or EMSP 1009 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Emergency Medical Technician – Basic Completion</u> EMSP 1313 or EMSP 1413 (or EMSP 1013 CEU)</p>

ATC Statewide-Articulated Course Crosswalk

FAMILY AND CONSUMER SCIENCES EDUCATION and INNOVATIVE - TP

(Chapter 122) - Effective School Year 2004-2005

All high school courses **must** include enhanced content equivalent to the college courses indicated, and are a minimum of one (1) high school credit unless otherwise noted.

High School Course	College WECM Equivalent
<p>Child Development (½ credit) (CHDEV-TP) 122T3310</p> <p style="text-align: center;">AND</p> <p>Preparation For Parenting (½ credit) (PRPAR-TP) 122T3210</p> <p style="text-align: center;">AND</p> <p>Elementary School Teaching Internship (ESTI-TP) N122T305</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Family and the Community</u> CDEC 1303 or CDEC 1403 (or CDEC 1003)</p>
<p>Ready, Set, Teach! I (TEACH1TP) N122T307</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p> <p style="text-align: center;">AND</p> <p><u>Family and the Community</u> CDEC 1303 or CDEC 1403 (or CDEC 1003)</p>
<p>Child Development (½ credit) (CHDEV-TP) 122T3310</p> <p style="text-align: center;">AND</p> <p>Elementary School Teacher Assistant (ESTA-TP) N122T304</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p>
<p>Child Development (½ credit) (CHDEV-TP) 122T3310</p> <p style="text-align: center;">AND</p> <p>Preparation for Parenting (½ credit) (PRPAR-TP) 122T3210</p> <p style="text-align: center;">AND</p> <p>Elementary School Teacher Assistant (ESTA-TP) N122T304</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p> <p style="text-align: center;">OR</p> <p><u>Family and the Community</u> CDEC 1303 or CDEC 1403 (or CDEC 1003)</p>
<p>Exploring Education Careers (EXPED-TP) N122T309</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p> <p style="text-align: center;">OR</p> <p><u>Family and the Community</u> CDEC 1303 or CDEC 1403 (or CDEC 1003)</p>

<p>Child Development (½ credit) (CHDEV-TP) 122T3310</p> <p>AND</p> <p>Ready, Set, Teach! I (TEACH1TP) N122T307</p> <p>AND</p> <p>Ready, Set, Teach II (TEACH2TP) N122T308</p>	<p><u>The School Age Child</u> CDEC 2341 or CDEC 2441 (or CDEC 2041 CEU)</p>
<p>Child Development (½ credit) (CHDEV-TP) 122T3310</p> <p>AND</p> <p>Preparation for Parenting (½ credit) (PRPAR-TP) 122T3210</p> <p>AND</p> <p>PL/Child Care and Guidance, Management, and Services I (CHCR1-TP) 122T3421 <u>OR</u> Child Care and Guidance, Management, and Services Career Preparation I (CCCP1-TP) 122900T1</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p> <p>AND</p> <p><u>The Infant and Toddler</u> CDEC 1321 or CDEC 1421 <u>OR</u> CDEC 1220 and CDEC 1221 (to be archived 8/31/2005) (or CDEC 1021 CEU)</p>
<p>Early Childhood Professions I (ECP1-TP) N122T301</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p> <p>AND</p> <p><u>The Infant and Toddler</u> CDEC 1321 or CDEC 1421 <u>OR</u> CDEC 1220 and CDEC 1221 (to be archived 8/31/2005) (or CDEC 1021 CEU)</p>
<p>PL/Child Care and Guidance, Management, and Services I (CHCR1-TP) 122T3421 <u>OR</u> Child Care and Guidance, Management, and Services Career Preparation I (CCCP1-TP) 122900T1</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p>
<p>Early Childhood Professions I (ECP1-TP) N122T301</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p>
<p>Intergenerational Professions I (INPR1-TP) N122T201</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p>

<p>Child Development (½ credit) (CHDEV-TP) 122T3310</p> <p>AND</p> <p>Preparation for Parenting (½ credit) (PRPAR-TP) 122T3210</p> <p>AND</p> <p>PL/Child Care and Guidance, Management, and Services I (CHCR1-TP) 122T3421 <u>OR</u> Child Care and Guidance, Management, and Services Career Preparation I (CCCP1-TP) 122900T1</p> <p>AND</p> <p>PL/Child Care and Guidance, Management, and Services II (CHCR2-TP) 122T3422 <u>OR</u> Child Care and Guidance, Management, and Services Career Preparation II (CCCP2-TP) 122900T2</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p> <p>AND</p> <p><u>Nutrition, Health and Safety</u> CDEC 1318 or CDEC 1418 (or CDEC 1018 CEU)</p> <p>AND</p> <p><u>The Infant and Toddler</u> CDEC 1321 or CDEC 1421 <u>OR</u> CDEC 1220 and CDEC 1221 (to be archived 8/31/2005) (or CDEC 1021 CEU)</p> <p>AND one additional course to be selected from the following:</p> <hr/> <p><u>Curriculum Resources for Early Childhood Programs</u> CDEC 1313 or CDEC 1413 (or CDEC 1013 CEU)</p> <p>OR</p> <hr/> <p><u>Child Guidance</u> CDEC 1319 or CDEC 1419 (or CDEC 1019 CEU)</p>
<p>Early Childhood Professions I (ECP1-TP) N122T301</p> <p>AND</p> <p>Early Childhood Professions II (ECP2-TP) N122T302</p> <p>OR</p> <p>PL/Child Care and Guidance, Management, and Services I (CHCR1-TP) 122T3421 <u>OR</u> Child Care and Guidance, Management, and Services Career Preparation I (CCCP1-TP) 122900T1</p> <p>AND</p> <p>PL/Child care and guidance, management, and services II (CHCR2-TP) 122T3422 <u>OR</u> Child care and guidance, management, and services career preparation II (CCCP2-TP) 122900T2</p>	<p><u>Nutrition, Health and Safety</u> CDEC 1318 or CDEC 1418 (or CDEC 1018 CEU)</p> <p>AND one additional course to be selected from the following:</p> <hr/> <p><u>Family and the Community</u> CDEC 1303 or CDEC 1403 (or CDEC 1003)</p> <p>OR</p> <hr/> <p><u>Curriculum Resources for Early Childhood Programs</u> CDEC 1313 or CDEC 1413 (or CDEC 1013 CEU)</p> <p>OR</p> <hr/> <p><u>Child Guidance</u> CDEC 1319 or CDEC 1419 (or CDEC 1019 CEU)</p>

<p>Child Development (½ credit) (CHDEV-TP) 122T3310</p> <p>AND</p> <p>Preparation for Parenting (½ credit) (PRPAR-TP) 122T3210</p> <p>AND</p> <p>Early Childhood Professions I (ECP1-TP) N122T301</p> <p>AND</p> <p>Early Childhood Professions II (ECP2-TP) N122T302</p>	<p><u>Introduction to Early Childhood Education</u> CDEC 1311 or CDEC 1411 (or CDEC 1011 CEU)</p> <p>AND</p> <p><u>Nutrition, Health and Safety</u> CDEC 1318 or CDEC 1418 (or CDEC 1018 CEU)</p> <p>AND</p> <p><u>The Infant and Toddler</u> CDEC 1321 or CDEC 1421 <u>OR</u> CDEC 1220 and CDEC 1221 (to be archived 8/31/2005) (or CDEC 1021 CEU)</p> <p>AND one additional course to be selected from the following:</p> <hr/> <p><u>Curriculum Resources for Early Childhood Programs</u> CDEC 1313 or CDEC 1413 (or CDEC 1013 CEU)</p> <p>OR</p> <hr/> <p><u>Child Guidance</u> CDEC 1319 or CDEC 1419 (or CDEC 1019 CEU)</p>
<p>Intergenerational Professions I (INPR1-TP) N122T201</p> <p>AND</p> <p>Intergenerational Professions II (INPR2-TP) N122T202</p>	<p><u>Curriculum Resources for Early Childhood Programs</u> CDEC 1313 or CDEC 1413 (or CDEC 1013 CEU)</p>
<p>Nutrition and Food Science (½ credit) (NFSCI-TP) 122T4210</p> <p>AND</p> <p>Food Science and Technology (½ credit) (FST-TP) 122T4310</p>	<p><u>Nutrition for the Food Service Professional</u> IFWA 1218 or IFWA 1318 (or IFWA 1018 CEU)</p> <p>OR</p> <hr/> <p><u>Basic Nutrition</u> IFWA 1129 or IFWA 1229 (or IFWA 1029 CEU)</p> <p>OR</p> <hr/> <p><u>Nutrition</u> FDNS 1305</p>
<p>PL/Hospitality Services I (HOSP1-TP) 122T5321 <u>OR</u> Hospitality Services Career Preparation I (HOCP1-TP) 1229T203</p>	<p><u>Introduction to the Hospitality Industry</u> HAMG 1221 or HAMG 1321 (or HAMG 1007 CEU) <u>OR</u> HAMG 1208 or HAMG 1308 (or HAMG 1008 CEU)</p> <p>AND</p> <p><u>Principles of Food and Beverage Operations</u> HAMG 2201 or HAMG 2301 (or HAMG 2001 CEU)</p>

<p>PL/Hospitality Services II (HOSP2-TP) 122T5322 <u>OR</u> Hospitality Services Career Preparation II (HOCP2-TP) 1229T303</p> <p><i>Prerequisite:</i> PL/Hospitality Services I (HOSP1-TP) 122T5321 <u>OR</u> Hospitality Services Career Preparation I (HOCP1-TP) 1229T203</p>	<p>Front Office Procedures HAMG 1213 or HAMG 1313 (or HAMG 1013 CEU)</p>
<p>PL/Food Production, Management, and Services II (FPMS2-TP) 122T5222 <u>OR</u> Food Production, Management, and Services Career Preparation II (FPCP2-TP) 1229T103</p> <p><i>Prerequisite:</i> PL/Food Production, Management, and Services I (FPMS1-TP) 122T5221 <u>OR</u> Food Production, Management, and Services Career Preparation I (FPCP1-TP) 1229T003</p> <p>AND</p> <p>Nutrition and Food Science (½ credit) (NFSCI-TP) 122T4210</p> <p>OR</p> <p>Culinary Arts II (CUL2-TP) N122T502</p> <p><i>Prerequisite:</i> Culinary Arts I (CUL1-TP) N122T501</p> <p>AND</p> <p>Nutrition and Food Science (½ credit) (NFSCI-TP) 122T4210</p>	<p>Sanitation and Safety CHEF 1205 or CHEF 1305 <u>OR</u> CHEF 1104 and CHEF 1105 (or CHEF 1005 CEU)</p> <p>AND</p> <p>Nutrition for the Food Service Professional IFWA 1218 or IFWA 1318 (or IFWA 1018 CEU)</p> <p>OR</p> <p>Sanitation and Safety CHEF 1205 or CHEF 1305 <u>OR</u> CHEF 1104 and CHEF 1105 (or CHEF 1005 CEU)</p> <p>AND</p> <p>Basic Nutrition IFWA 1129 or IFWA 1229 (or IFWA 1029 CEU)</p> <p>OR</p> <p>Sanitation and Safety CHEF 1205 or CHEF 1305 <u>OR</u> CHEF 1104 and CHEF 1105 (or CHEF 1005 CEU)</p> <p>AND</p> <p>Nutrition FDNS 1305</p>
<p>PL/Food Production, Management, and Services I (FPMS1-TP) 122T5221 <u>OR</u> Food Production, Management, and Services Career Preparation I (FPCP1-TP) 1229T003</p> <p>OR</p> <p>Culinary Arts I (CUL1-TP) N122T501</p>	<p>Basic Food Preparation CHEF 1301 or CHEF 1401 <u>OR</u> CHEF 1200 and CHEF 1201 (or CHEF 1001 CEU)</p> <p>AND</p> <p>Introduction to the Hospitality Industry HAMG 1221 or HAMG 1321 (or HAMG 1007 CEU) or HAMG 1208 or HAMG 1308 (or HAMG 1008 CEU)</p> <p>OR</p> <p>Food Preparation I IFWA 1401 or IFWA 1501 (or IFWA 1001 CEU)</p> <p>AND</p> <p>Introduction to the Hospitality Industry HAMG 1221 or HAMG 1321 (or HAMG 1007 CEU) or HAMG 1208 or HAMG 1308 (or HAMG 1008 CEU)</p>

<p>PL/Food Production, Management, and Services II (FPMS2-TP) 122T5222 <u>OR</u> Food Production, Management, and Services Career Preparation II (FPCP2-TP) 1229T103</p> <p><i>Prerequisite:</i> PL/Food Production, Management, and Services I (FPMS1-TP) 122T5221 <u>OR</u> Food Production, Management, and Services Career Preparation I (FPCP1-TP) 1229T003</p> <p>OR</p> <p>Culinary Arts II (CUL2-TP) N122T502</p> <p><i>Prerequisite:</i> Culinary Arts I (CUL1-TP) N122T501</p>	<p>Sanitation and Safety CHEF 1205 or CHEF 1305 <u>OR</u> CHEF 1104 and CHEF 1105 (or CHEF 1005 CEU)</p>
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ATC Statewide-Articulated Course Crosswalk

TECHNOLOGY EDUCATION AND INNOVATIVE – TP

(Chapter 123) - Effective School Year 2004-2005

All high school courses **must** include enhanced content equivalent to the college courses indicated, and are a minimum of one (1) high school credit unless otherwise noted.

High School Course	College WECM Equivalent
<p>Computer Applications (CA-TP) 1234147T</p> <p>OR</p> <p><i>PLTW pre-engineering program:</i> Computer Integrated Manufacturing (CIM-TP) N12372T4</p> <p><i>Prerequisite:</i> Keyboarding course or skill</p>	<p><u>Introduction to Computers</u> ITSC 1301 or ITSC 1401 (or ITSC 1001 CEU)</p>
<p>Principles of Technology I (1 science unit) (PTI-TP) 1238282T</p> <p><i>Prerequisite:</i> 1 science credit and Algebra I</p>	<p><u>Applied Physics I</u> SCIT 1318 or SCIT 1418</p> <p style="text-align: center;">OR</p>
	<p><u>Technical Physics I</u> SCIT 1322 or SCIT 1422</p> <p style="text-align: center;">OR</p>
	<p><u>Applied Petrochemical Technology</u> CTEC 1301 or CTEC 1401 (or CTEC 1001 CEU)</p>
<p>Electricity/Electronics Technology (EET-TP) 1236267T</p> <p>OR</p> <p><i>PLTW pre-engineering program:</i> Digital Electronics (PLTW) (DE-TP) N12372T2</p>	<p><u>Electricity Principles</u> CETT 1402 or CETT 1502 (or CETT 1002 CEU)</p> <p style="text-align: center;">OR</p>
	<p><u>Electronic Test Equipment</u> INTC 1207 or INTC 1307 (or INTC 1007 CEU)</p>
<p>Computer Multimedia/Animation Technology (CMAT-TP) 1236268T</p> <p><i>Prerequisite:</i> Business Computer Information Systems I (BEGCIS1) 12011200 or (BCIS1-TP) 1201120T or Computer Applications (CA-TP) 1234147T</p>	<p><u>Introduction to Multimedia</u> IMED 1301 or IMED 1401 (or IMED 1001 CEU)</p>
<p>Architectural Graphics (AG-TP) 1236262T</p>	<p><u>Fundamentals of Computer-Aided Drafting</u> DFTG 1319 or DFTG 1419 (or DFTG 1019 CEU)</p> <p style="text-align: center;">OR</p>
	<p><u>Basic Computer-Aided Drafting</u> DFTG 1309 or DFTG 1409 <u>OR</u> DFTG 1208 and DFTG 1209 (or DFTG 1009 CEU)</p> <p style="text-align: center;">OR</p>

	<u>Architectural Drafting - Residential</u> DFTG 1317 or DFTG 1417 <u>OR</u> DFTG 1216 and DFTG 1217 (or DFTG 1017 CEU)
Engineering Graphics (EG-TP) 1236263T <u>OR</u> <i>PLTW pre-engineering program:</i> Introduction to Engineering Design (IED-TP) N12372T1	<u>Fundamentals of Computer-Aided Drafting</u> DFTG 1319 or DFTG 1419 (or DFTG 1019 CEU) OR <u>Technical Drafting</u> DFTG 1305 or DFTG 1405 <u>OR</u> DFTG 1204 and DFTG 1205 (or DFTG 1005 CEU) OR <u>Basic Computer-Aided Drafting</u> DFTG 1309 or DFTG 1409 <u>OR</u> DFTG 1208 and DFTG 1209 (or DFTG 1009 CEU)

ATC Statewide-Articulated Course Crosswalk

MARKETING EDUCATION AND INNOVATIVE – TP

(Chapter 124) - Effective School Year 2004-2005

All high school courses **must** include enhanced content equivalent to the college courses indicated, and are a minimum of one (1) high school credit unless otherwise noted.

High School Course	College WECM Equivalent
Entrepreneurship (ENTRPRTP) 1241T920	<u>Small Business Management</u> BUSG 2309 (or BUSG 2009 CEU)
Principles of Marketing (PRINMKTP) 1241T921	<u>Principles of Marketing</u> MRKG 1311 (or MRKG 1011 CEU)
Hotel Management (HOTEL-TP) 12421T52	Hospitality Marketing and Sales HAMG 2207 or HAMG 2307 (or HAMG 2007 CEU)
Introduction to Travel and Tourism (INTRAVTP) N1242T55	Introduction to Travel and Tourism TRVM 1300 (or TRVM 1000 CEU)
Introduction to Travel and Tourism (INTRAVTP) N1242T55 AND Travel and Tourism Marketing (TRAV-TP) 12421T55	Introduction to Travel and Tourism TRVM 1300 (or TRVM 1000 CEU) AND Travel and Tourism Sales and Marketing Techniques TRVM 1345 (or TRVM 1045 CEU)
Marketing Management Career Preparation (MECP-TP) 1242T555	<u>Principles of Marketing</u> MRKG 1311 (or MRKG 1011 CEU) OR <u>Practicum (or Field Experience) - Business Marketing and Marketing Management</u> MRKG 1x66 OR <u>Cooperative Education - Business Marketing and Marketing Management</u> MRKG 1x80 OR <u>Cooperative Education - Business Administration and Management, General</u> BMGT 1x82

Marketing Dynamics Career Preparation (MECP1-TP) 12441T40	<u>Principles of Marketing</u> MRKG 1311 (or MRKG 1011 CEU) OR
	<u>Practicum (or Field Experience) - Business Marketing and Marketing Management</u> MRKG 1x66 OR
	<u>Cooperative Education - Business Marketing and Marketing Management</u> MRKG 1x80 OR
	<u>Cooperative Education - Business Administration and Management, General</u> BMGT 1x82

ATC Statewide-Articulated Course Crosswalk

TRADE AND INDUSTRIAL EDUCATION – TP

(Chapter 125) - Effective School Year 2004-2005

All high school courses **must** include enhanced content equivalent to the college courses indicated, and are a minimum of one (1) high school credit unless otherwise noted.

High School Course	College WECM Equivalent
Technical Introduction to Computer-Aided Drafting (TICAD-TP) 125117T5	<u>Technical Drafting</u> DFTG 1305 or DFTG 1405 OR DFTG 1204 and DFTG 1205 (or DFTG 1005 CEU)
Engineering Computer-Aided Drafting I (ECAD-TP) 125117T1	<u>Basic Computer-Aided Drafting</u> DFTG 1309 or DFTG 1409 OR DFTG 1208 and DFTG 1209 (or DFTG 1009 CEU) OR ----- <u>Fundamentals of Computer-Aided Drafting</u> DFTG 1319 or DFTG 1419 (or DFTG 1019 CEU)
Engineering Computer-Aided Drafting II (ECAD2-TP) 125117T2 <i>Prerequisite:</i> Engineering Computer-Aided Drafting I (ECAD) 12511701 or (ECAD-TP) 125117T1	<u>Intermediate Computer-Aided Drafting</u> DFTG 2319 or DFTG 2419 OR DFTG 2219 and DFTG 2220 (or DFTG 2019 CEU)
Media Technology I (MEDT-TP) 125123T1 <i>Prerequisite:</i> Business Computer Information Systems I (BEGCIS1) 12011200 or (BCIS1-TP) 1201120T or Computer applications (CA-TP) 1234147T	<u>Introduction to Multimedia</u> IMED 1301 or IMED 1401 (or IMED 1001 CEU)
Introduction to Computer Maintenance (ICM-TP) 125345T4 <i>Prerequisite:</i> Introductory computer course	<u>Introduction to PC Operating Systems</u> ITSC 1305 or ITSC 1405 (or ITSC 1005 CEU) OR ----- <u>Introduction to Computer Technology</u> CPMT 1303 or CPMT 1403 OR CPMT 1202 and CPMT 1203 (or CPMT 1003 CEU)
Computer Maintenance Technician I (CMTN-TP) 125345T2 <i>Prerequisite:</i> Introduction to Computer Maintenance (ICM) 12534504 or (ICM-TP) 125345T4	<u>Introduction to Computer Maintenance</u> CPMT 1311 or CPMT 1411 OR CPMT 1210 and CPMT 1211 (or CPMT 1011 CEU) OR ----- <u>Personal Computer Hardware</u> ITSC 1325 or ITSC 1425 (or ITSC 1025 CEU)
Computer Cabling and Design (CCD-TP) 125345T1	<u>Telecommunications Transmission Media</u> EECT 1340 or EECT 1440 (or EECT 1040 CEU)

Telecommunications Technology IV (TELES-TP) 125351T5 <i>Prerequisite:</i> Telecommunications Technology III (INTTECH) 12535104	Introduction to Telecommunications EECT 1303 or EECT 1403 (or EECT 1003 CEU)
Instrumentation I (INST-TP) 125459T2	Principles of Industrial Measurements INTC 1301 or INTC 1401 <u>OR</u> INTC 1200 and INTC 1201 (or INTC 1001 CEU)
Instrumentation II (INST2-TP) 125459T3 <i>Prerequisite:</i> Instrumentation I (INST) 12545902 or (INST-TP) 125459T2	Introduction to Electronic Instrumentation INTC 1205 or INTC 1305
Hydraulics and Pneumatics (HDNEU-TP) 125457T1	Basic Fluid Power ELMT 1305 or ELMT 1405 (or ELMT 1005 CEU)
Vocational Plastics I (VOPLS-TP) 125467T1	Introduction to Plastics PLTC 1201 or PLTC 1301 (or PLTC 1001 CEU)
Quality Control I (QC-TP) 125469T1	Plastic Quality Control PLTC 1206 or PLTC 1306 (or PLTC 1006 CEU)
AC/DC Electronics/Computer Systems (ACDC-TP) 125471T1	DC-AC Circuits CETT 1409 or CETT 1509 (or CETT 1009 CEU)
Direct Current Electronics (DCE-TP) 125471T6	DC Circuits CETT 1303 or CETT 1403 (or CETT 1003 CEU) OR <hr style="border-top: 1px dashed black;"/> Introduction to Direct Current Circuits IEIR 1302 or IEIR 1402 <u>OR</u> IEIR 1201 and IEIR 1202 (or IEIR 1002 CEU)
Alternating Current Electronics (ACE-TP) 125471T3 <i>Prerequisite:</i> Direct Current Electronics (DCE) 12547106 or (DCE-TP) 125471T6	AC Circuits CETT 1305 or CETT 1405 (or CETT 1005 CEU) OR <hr style="border-top: 1px dashed black;"/> Alternating Current Circuits for Industrial Applications IEIR 1304 or IEIR 1404 <u>OR</u> IEIR 1203 and IEIR 1204 (or IEIR 1004 CEU)
Machine Shop I (MCHSP-TP) 125573T1	Basic Machine Shop I MCHN 1338 or MCHN 1438 <u>OR</u> MCHN 1237 and MCHN 1238 (to be archived 8/31/2005) (or MCHN 1038 CEU)
Machine Shop II (MCHSP2TP) 125573T2 <i>Prerequisite:</i> Machine Shop I MCHSHOP 12557301 or (MCHSP-TP) 125573T1	Basic Machine Shop II MCHN 1341 or MCHN 1441 <u>OR</u> MCHN 1240 and MCHN 1241 (to be archived 8/31/2005) (or MCHN 1041 CEU)

<p>Heating, Ventilation, Air-Conditioning and Refrigeration II (ACREF2TP) 125231T2</p> <p><i>Prerequisite:</i> Heating, Ventilation, Air-Conditioning and Refrigeration I (A-CREF) 12523101</p>	<p><u>Basic Electricity for HVAC</u> HART 1301 or HART 1401 (or HART 1001 CEU)</p> <p>AND</p> <p><u>Refrigeration Principles</u> HART 1307 or HART 1407 (or HART 1007 CEU)</p>
<p>Automotive Technician II (AUTO-TP) 12579T03</p> <p>Non-NATEF curriculum</p> <p><i>Prerequisite:</i> Automotive Technician I (AUTOTECH) 12579102 or Automotive Specialization (AUTOSPEC) 12579101</p>	<p><u>Introduction and Theory of Automotive Technology</u> AUMT 1201 or AUMT 1301</p> <p>AND</p> <p><u>Introduction to Automotive Technology</u> AUMT 1305 or AUMT 1405 (or AUMT 1005 CEU)</p>
<p>Automotive Technician II (AUTOSSTP) 12579TS3</p> <p>NATEF curriculum – Suspension and Steering. Must complete minimum NATEF-required hours of instruction.</p> <p>AND</p> <p>ASE certification in Steering and Suspension</p>	<p><u>Automotive Suspension and Steering Systems</u> AUMT 1316 or AUMT 1416 (on AUMT 1016 CEU) (Non-manufacturer-specific program)</p>
<p>Automotive Technician II (AUTOBRTP) 12579TB3</p> <p>NATEF curriculum – Brakes. Must complete minimum NATEF-required hours of instruction.</p> <p>AND</p> <p>ASE certification in Brakes</p>	<p><u>Automotive Brake Systems</u> AUMT 1310 or AUMT 1410 (or AUMT 1010 CEU) (Non-manufacturer-specific program)</p>
<p>Diesel Mechanics II (DSLMC2TP) 125795T2</p> <p><i>Prerequisite:</i> Diesel Mechanics I (DSLSMECH) 12579501</p>	<p><u>Shop Safety and Procedures</u> DEMR 1301 or DEMR 1401 (or DEMR 1001 CEU)</p>
<p>Welding II (WLDNG2TP) 125579T2</p>	<p><u>Introduction to Welding Fundamentals</u> WLDG 1421 or WLDG 1521 <u>OR</u> WLDG 1221 and WLDG 1222 (or WLDG 1021 CEU)</p> <p>OR</p> <p><u>Introduction to Shielded Metal Arc Welding (SMAW)</u> WLDG 1428 or WLDG 1528 (or WLDG 1028 CEU)</p>
<p>Fundamentals of Criminal Law (FNCRLATP) 125687T7</p>	<p><u>Fundamentals of Criminal Law</u> CJSA 1327</p>

Technical Introduction to Criminal Justice (TICJ-TP) 125687T8	<u>Introduction to Criminal Justice</u> CJSA 1322
Crime in America (CAM-TP) 125687T4	<u>Crime in America</u> CJSA 1312

ATC Statewide-Articulated Course Crosswalk

INNOVATIVE CAREER AND TECHNOLOGY – TP

(Chapter 129) - Effective School Year 2004-2005

All high school courses **must** include enhanced content equivalent to the college courses indicated, and are a minimum of one (1) high school credit unless otherwise noted.

High School Course	College WECM Equivalent
<p>Internetworking technologies I (INNT1-TP) N1295T06</p> <p style="text-align: center;">Non-Cisco curriculum</p>	<p><u>Fundamentals of Networking Technologies</u> ITNW 1325 or ITNW 1425</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p><u>Introduction to Networking</u> ITNW 1321 or ITNW 1421</p>
<p>Internetworking technologies I (INNTC1TP) N1295TC6</p> <p style="text-align: center;">Cisco curriculum</p> <p style="text-align: center;">OR</p> <p>Networking essentials (NPLUSCTP) N1295TC9</p> <p style="text-align: center;">Cisco curriculum</p>	<p><u>CCNA 1: Networking Basics</u> ITCC 1302 or ITCC 1402 OR ITCC 1201 and ITCC 1202 (or ITCC 1002 CEU)</p> <p style="text-align: center;">AND</p> <p><u>CCNA 2: Router and Routing Basics</u> ITCC 1306 or ITCC 1406 OR ITCC 1205 and ITCC 1206 (or ITCC 1006 CEU)</p>
<p>Internetworking technologies II (INNTC2TP) N1295TC7</p> <p><i>Prerequisite:</i> Internetworking technologies I (INNTC1TP) N1295TC6 or Networking essentials (NPLUSCTP) N1295TC9</p> <p style="text-align: center;">Cisco curriculum</p>	<p><u>CCNA 3: Switching Basic and Intermediate Routing</u> ITCC 1342 or ITCC 1442 OR ITCC 1241 and ITCC 1242 (or ITCC 1042 CEU)</p> <p style="text-align: center;">AND</p> <p><u>CCNA 4: WAN Technologies</u> ITCC 1346 or ITCC 1446 OR ITCC 1245 and ITCC 1246 (or ITCC 1046 CEU)</p>
<p>Networking essentials (NPLUS-TP) N1295T09</p> <p style="text-align: center;">Non-Cisco curriculum</p>	<p><u>Fundamentals of Networking Technologies</u> ITNW 1325 or ITNW 1425</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p><u>Introduction to Networking</u> ITNW 1321 or ITNW 1421</p>
<p>Fundamentals of the internet (INTPL-TP) N1295T10</p> <p><i>Prerequisite:</i> Business computer information systems I (BEGCIS1) 12011200 or (BCIS1-TP) 1201120T or Computer applications (CA-TP) 1234147T</p>	<p><u>Internet/Web Page Development</u> ITSC 1313 or ITSC 1413 (or ITSC 1013 CEU)</p> <p style="text-align: center;">OR</p> <hr style="border-top: 1px dashed black;"/> <p><u>Introduction to the Internet</u> ITNW 1337 or ITNW 1437</p>

ATC Statewide-Articulated Courses PEIMS Course Codes from Table #C022 Updated March 3, 2004

Grades 11-12, Career and Technology Education - Technical Placement	
	<p>The following codes are the Texas Education Agency (TEA) career and technology courses approved for statewide-articulated postsecondary credit at community and technical colleges. These codes may only be used by districts that adhere to the teacher staff development and course content requirements outlined by TEA and the Texas Higher Education Coordinating Board in the Advanced Technical Credit (ATC) Standard Articulation Agreement for Award of Postsecondary Credit for Commonly Articulated Technical Education Courses. To indicate technical placement (TP) courses on a student's AAR, use special course explanation code "A."</p> <p>To be eligible for postsecondary credit as a single course, the student must be in grade 11 or 12. Courses in a coherent sequence may be taken at any grade level (9-12) as long as the final course in the ATC-required coherent sequence is taken when the student is in grade 11 or 12.</p>
Agricultural Science and Technology Education – TP	
1193442T*	Agricultural power and machinery (1-3) (AGPWR-TP)
119344T3*	Agricultural mechanics II (1-3) (AGMEC2TP)
Business Education – TP	
1201120T*	Business computer information systems I (1) (BCIS1-TP)
1202210T*	Accounting I (1) (BACCT-TP)
1202220T*	Banking and financial systems (1/2) (BFINS-TP) [To be eligible for articulated college credit, the student must also take Accounting II - TP for ½ credit.]
1202230T*	Business image management and multimedia (1) (BIM&M-TP)
1202250T*	Business management (1/2) (BMGMT-TP) [To be eligible for articulated college credit, the student must also take Business ownership - TP.]
1202260T*	Business ownership (1/2) (BOWNS-TP) [To be eligible for articulated college credit, the student must also take Business management - TP.]
1202270T*	Telecommunications and networking (1) (TLNET-TP)
1202280T*	Word processing applications (1) (WDPAP-TP)
1203110T*	Accounting II (1/2) (AACCT-TP) [To be eligible for articulated college

	credit, the student must also take Banking and financial systems - TP.]
1203130T*	Business computer information systems II (1-2) (ABCIS-TP)
1203140T*	Business computer programming I (1-2) (BCP1-TP)
1203141T*	Business computer programming II (1-2) (BCP2-TP)
1203150T*	International business (1-2) (INTB1-TP)
1209910T***	Administrative procedures career preparation (3) (BECF1-TP)
1209930T***	Business computer information systems II career preparation (2-3) (BCIS2-TP)
1205520T****	WBL/Administrative procedures (3) [To be eligible for articulated college credit, the student's training area must be Administrative Procedures.]
1205530T****	WBL/Business computer information systems II (3) [To be eligible for articulated college credit, the student's training area must be Business Computer Information Systems II.]
Health Science Technology Education – TP	
1210120T*	Introduction to health science technology (1/2-1) (INTHS-TP) [To be eligible for articulated college credit, the student must also take an additional ATC articulated Health science technology course.]
1210130T*	Health science technology I (1-2) (HSTI-TP)
1210140T*	Health science technology II (2-4) (HSTII-TP)
1210151T*	Health science technology III Pharmacy Aide (1-2 units per semester) (HST3PATP)
1210152T*	Health science technology III EMT-Basic (1-2 units per semester) (HST3EMTP)
1210153T*	Health science technology III Medical Lab (1-2 units per semester) (HST3MLTP)
1210154T*	Health science technology III Vocational Nursing (1-2 units per semester) (HST3VNTP)
1210155T*	Health science technology III Medical Assisting (1-2 units per semester) (HST3MATP)
1210550T***	Health science technology career preparation II (2-4) (HST2CPTP)
1210603T****	WBL/Therapeutic Services for HST III (2-4) [To be eligible for articulated college credit, the student's training area must be specific to Pharmacy Aide, EMT-Basic, Medical Lab, Vocational Nursing, OR Medical Assisting.]
1210651T***	Pharmacy aide career preparation III (2-4) (HSCPPATP)
1210652T***	EMT-Basic career preparation III (2-4) (HSCPEMTP)

1210653T***	Medical lab career preparation III (2-4) (HSCPMLTP)
1210654T***	Vocational nursing career preparation III (2-4) (HSCPVNTP)
1210655T***	Medical assisting career preparation III (2-4) (HSCPMATP)
1210703T****	WBL/Diagnostic Services for HST III (2-4) [To be eligible for articulated college credit, the student's training area must be specific to Pharmacy Aide, EMT-Basic, Medical Lab, Vocational Nursing, OR Medical Assisting.]
1210953T****	WBL/Clinical rotations for HST III (2-4) [To be eligible for articulated college credit, the student's training area must be specific to Pharmacy Aide, EMT-Basic, Medical Lab, Vocational Nursing, OR Medical Assisting.]
1212122T*	Medical terminology (1/2) (MDTRM-TP) [To be eligible for articulated college credit, the student must complete 1 or more additional ATC articulated Health Science Technology courses.]
Family and Consumer Sciences Education – TP	
122T3210*	Preparation for parenting (1/2) (PRPAR-TP) [To be eligible for articulated college credit, the student must also take an additional ATC articulated Family and Consumer Sciences course.]
122T3310*	Child development (1/2) (CHDEV-TP) [To be eligible for articulated college credit, the student must also take an additional ATC articulated Family and Consumer Sciences course.]
122T3421*	PL/Child Care and Guidance, Management, and Services I (2-3) (CHCR1-TP)
122T3422*	PL/Child Care and Guidance, Management, and Services II (2-3) (CHCR2-TP)
122T4210*	Nutrition and food science (1/2) (NFSCI-TP) [To be eligible for articulated college credit, the student must also take Food science and technology-TP.]
122T4310*	Food science and technology (1/2) (FST-TP) [To be eligible for articulated college credit, the student must also take Nutrition and food science-TP.]
122T5221*	PL/Food production, management, and services I (2-3) (FPMS1-TP)
122T5222*	PL/Food production, management, and services II (2-3) (FPMS2-TP)
122T5321*	PL/Hospitality services I (2-3) (HOSP1-TP)
122T5322*	PL/Hospitality services II (2-3) (HOSP2-TP)
122900T1***	Child care and guidance, management, and services career preparation I (2-3) (CCCP1-TP)
122900T2***	Child care and guidance, management, and services career preparation

	II (2-3) (CCCP2-TP)
1229T003***	Food production, management, and services career preparation I (2-3) (FPCP1-TP)
1229T103***	Food production, management, and services career preparation II (2-3) (FPCP2-TP)
1229T203***	Hospitality services career preparation I (2-3) (HOCP1-TP)
1229T303***	Hospitality services career preparation II (2-3) (HOCP2-TP)
1229T349****	WBL/Child care and guidance, management, and services I (2-3)
1229349T****	WBL/Child care and guidance, management, and services II (2-3)
1229T529****	WBL/Food production, management, and services I (2-3)
1229529T****	WBL/Food production, management, and services II (2-3)
1229T539****	WBL/Hospitality services I (2-3)
1229539T****	WBL/Hospitality services II (2-3)
	Technology Education – TP
1234147T*	Computer applications (1) (CA-TP)
1236262T*	Architectural graphics (1) (AG-TP)
1236263T*	Engineering graphics (1) (EG-TP)
1236267T*	Electricity/electronics technology (1) (EET-TP)
1236268T*	Computer multimedia and animation technology (1) (CMAT-TP)
1238282T*	Principles of technology I (1 science unit) (PTI-TP)
	Marketing Education – TP
1241T920*	Entrepreneurship (1) (ENTRPRTP)
1241T921*	Principles of marketing (1) (PRINMKTP)
12421T52*	Hotel management (2-3) (HOTEL-TP)
12421T55*	Travel and tourism marketing (2-3) (TRAV-TP)
1242T555***	Marketing management career preparation (2-3) (MECP-TP)
12441T40***	Marketing dynamics career preparation (2-3) (MECP1-TP)
1244999T****	WBL/Marketing dynamics (2-3) [To be eligible for articulated college credit, the student's training area must be Marketing Dynamics]
1245999T****	WBL/Marketing management (2-3) [To be eligible for articulated college credit, the student's training area must be Marketing Management.]

	Trade and Industrial Education – TP
125117T1*	Engineering computer-aided drafting I (2-3) (ECAD-TP)
125117T2*	Engineering computer-aided drafting II (2-3) (ECAD2-TP)
125117T5*	Technical introduction to computer-aided drafting (1) (TICAD-TP)
125123T1*	Media technology I (2-3) (MEDT-TP)
125231T2*	Heating, ventilation, air-conditioning and refrigeration II (2-3) (ACREF2TP)
125345T1*	Computer cabling and design (2-3) (CCD-TP)
125345T2*	Computer maintenance technician I (2-3) (CMTN-TP)
125345T4*	Introduction to computer maintenance (1) (ICM-TP)
125351T5*	Telecommunications technology IV (1) (TELES-TP)
125457T1*	Hydraulics and pneumatics (1-2) (HDNEU-TP)
125459T2*	Instrumentation I (1) (INST-TP)
125459T3*	Instrumentation II (1) (INST2-TP)
125467T1*	Vocational plastics I (2-3) (VOPLS-TP)
125469T1*	Quality control I (2-3) (QC-TP)
125471T1*	AC/DC electronics/computer systems (2) (ACDC-TP)
125471T3*	Alternating current electronics (1-2) (ACE-TP)
125471T6*	Direct current electronics (1-2) (DCE-TP)
125573T1*	Machine shop I (2-3) (MCHSP-TP)
125573T2*	Machine shop II (2-3) (MCHSP2TP)
125579T2*	Welding II (2-3) (WLDNG2TP)
125687T4*	Crime in America (1) (CAM-TP)
125687T7*	Fundamentals of criminal law (1) (FNCRLATP)
125687T8*	Technical introduction to criminal justice (1) (TICJ-TP)
12579T03*	Automotive technician II (2-3) (AUTO-TP) (Non-NATEF curriculum)
12579TS3*	Automotive technician II (2-3) (AUTOSSTP) (NATEF curriculum – Suspension and Steering)
12579TB3*	Automotive technician II (2-3) (AUTOBRTP) (NATEF curriculum – Brakes)
125795T2*	Diesel mechanics II (2-3) (DSLMC2TP)

	Innovative Career and Technology – TP
N122T201*	Intergenerational Professions I (2-3) (INPR1-TP)
N122T202*	Intergenerational Professions II (2-3) (INPR2-TP)
N122T301*	Early Childhood Professions I (2-3) (ECP1-TP)
N122T302*	Early Childhood Professions II (2-3) (ECP2-TP)
N122T304*	Elementary School Teacher Assistant (1/2-1) (ESTA-TP)
N122T305*	Elementary school teaching internship (2-3) (ESTI-TP)
N122T307*	Ready, Set, Teach! I (1-3) (TEACH1TP)
N122T308*	Ready, Set, Teach! II (1-3) (TEACH2TP)
N122T309*	Exploring Education Careers (1/2-1) (EXPED-TP)
N122T501*	Culinary arts I (2-3) (CUL1-TP)
N122T502*	Culinary arts II (2-3) (CUL2-TP)
N12372T1*	Introduction to Engineering Design (1) (IED-TP)
N12372T2*	Digital Electronics (1) (DE-TP)
N12372T4*	Computer Integrated Manufacturing (CIM-TP)
N1242T55*	Introduction to travel and tourism (1-2) (INTRAVTP)
N1295T06*	Internetworking technologies I (1) (INNT1-TP) [Non-CISCO Curriculum]
N1295T09*	Networking essentials (1) (NPLUS-TP) [Non-CISCO Curriculum]
N1295T10*	Fundamentals of the Internet (1) (INTPL-TP)
N1295TC6*	Internetworking technologies I (1) (INNTC1TP) [CISCO Curriculum]
N1295TC7*	Internetworking technologies II (1) (INNTC2TP) [CISCO Curriculum]
N1295TC9*	Networking essentials (1) (NPLUSCTP) [CISCO Curriculum]

* Valid for use on the 090 teacher record, 170 student record, 410 record for weighted funding (if student attendance requirements are met), and 415 course completion record.

*** Career preparation teacher code – Valid for use on the 090 record; not valid for use on the 170 record, the 410 attendance record for weighted funding, or the 415 record.

**** Work based learning student code – Valid for use on the 170 record, the 410 attendance record for weighted funding (if student attendance requirements are met), and the 415 record; not valid for use on the 090 record.