

PAC Level 1 Certificates

Administrative Computer Technology

Bill and Account Collector Certificate	Level 1
Business Communication Certificate	Level 1
Customer Service Representative Certificate	Level 1
Data Entry Technician	Level 1
General Office Certificate I	Level 1
Secretarial Assistant Certificate	Level 1
Skills Upgrade Certificate	Level 1
Customer Service Clerk	Local
Data Entry Clerk	Local
Office Clerk	Local

Business Management

Administration Certificate	Level 1
Entrepreneurship Certificate	Level 1
Entry Level Supervisor Certificate	Level 1
International Business Certificate	Level 1
Leadership Certificate	Level 1
Marketing Certificate	Level 1
Telecomm Technology Certificate	Level 1

Computer Information Systems

Advanced Web Programming Certificate	Level 1
Certified Network Systems Technician Preparation Certificate	Level 1
Certified Systems Technician Preparation Certificate	Level 1
Microsoft Certified Systems Administrator Certificate	Level 1
Microsoft Certified Systems Engineer Preparation Certificate	Level 1
Network Administration	Level 1
Personal Computer Skills	Level 1
Web Publishing Skills Certificate	Level 1
CISCO Certification Preparation	Marketable Skills

Fine and Performing Arts

Conjunto Performance	Local
Digital Art	Local
Digital Photography	Local
Jazz Performance	Local
Mariachi Performance	Local
Music Business 1	Local
Music Business 2	Local

Industrial Automation Technology

Industrial Automation Associate	Level 1
Industrial Automation Helper	Level 1

International Studies

International Studies	Local
-----------------------	-------

Kinesiology

Physical Fitness Specialist 1	Local
Physical Fitness Specialist 2	Local

Landscape and Turfgrass

Basic Nursery & Landscape Operations Certificate	Level 1
Landscape and Horticultural Science Certificate	Level 1
Turf and Landscape Irrigation Certificate	Level 1
Turfgrass and Golfcourse Management Certificate	Level 1

Library Science and Technology

Library Technology Assistant	Local
------------------------------	-------

Logistics and Supply Chain Management

International Logistics Management Certificate	Level 1
Logistics Management Certificate	Level 1
Manufacturing Management Certificate	Level 1
Transportation Management Certificate	Level 1
Warehouse Specialist Certificate	Level 1

Teacher's Aide

Education Aide Level 1 Certificate	Level 1
------------------------------------	---------

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Administrative Computer Technology				
Bill and Account Collector Certificate				
HRPO 1311 Human Relations	NP	NP	NP	NP
ITSW 1304 Introduction to Spreadsheets	NP	NP	NP	NP
POFI 1301 Introduction to Computers	NP	NP	NP	NP
POFL 1305 Legal Terminology	NP	NP	NP	NP
or HITT 1305 Medical Terminology I	NP	NP	NP	NP
POFT 1329 Beginning Keyboarding (Non-majors)	NP	NP	NP	NP
or POFT 2303 Speed and Accuracy Building	NP	NP	NP	NP
POFT 1325 Business Math & Machine Applications	NP	NP	NP	NP
ACNT 1303 Introduction to Accounting I	NP	NP	NP	NP
POFI 1349 Spreadsheets 3	NP	NP	NP	NP
POFT 1313 Professional Development for Office Personnel	NP	NP	NP	NP
POFT 2380 Cooperative Education	NP	NP	NP	DEPT APP
SPCH 1318 Interpersonal Communication	0301	0301	NP	NP
or SPCH 1321 Business & Professional Speech	0301	0301	NP	NP
Business Communication Certificate				
POFT 1301 Business English	NP	NP	NP	NP
HRPO 1311 Human Relations	NP	NP	NP	NP
or POFT 1313 Professional Development for Office Personnel	NP	NP	NP	NP
POFT 1329* Beginning Keyboarding (Non-Majors)	NP	NP	NP	NP
POFT 2312 Business Correspondence & Communications	NP	NP	NP	POFT 1301
POFT 1301 Computer Applications I	NP	NP	NP	NP
or POFT 1319 Records & Information Management I	NP	NP	NP	NP
or POFT 2301 Intermediate Keyboarding	NP	NP	NP	POFT 1429
Customer Service Representative Certificate				
POFI 1301 Computer Applications I	NP	NP	NP	NP
HRPO 1311 Human Relations	NP	NP	NP	NP
POFT 1301 Business English	NP	NP	NP	NP
POFT 1329 Beginning Keyboarding (Non-majors)	NP	NP	NP	NP
POFT 1325 Business Math & Machine Applications	NP	NP	NP	NP
MRKG 1301 Customer Relations	0301	0301	0301	NP
ACNT 1303 Introduction to Accounting I	NP	NP	NP	NP
POFT 1313 Professional Development for Office Personnel	NP	NP	NP	NP
POFT 2312 Business Correspondence & Communications	NP	NP	NP	POFT 1301
POFT 2380 Cooperative Education	NP	NP	NP	DEPT APP
SPCH 1318 Interpersonal Communication	0301	0301	0301	NP
or SPCH 1321 Business & Professional Speech	0301	0301	0301	NP
Data Entry Technician				
HRPO 1311 Human Relations	NP	NP	NP	NP
ITSC 1301 Introduction to Computers	NP	NP	NP	NP
POFI 1301 Computer Applications I	NP	NP	NP	NP
or ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
POFT 1329 Beginning Keyboarding (Non-Majors)	NP	NP	NP	NP
POFT 1325 Business Math & Machine Applications	NP	NP	NP	NP
General Office Certificate I				
HRPO 1311 Human Relations	NP	NP	NP	NP
POFT 1301 Business English	NP	NP	NP	NP
POFT 1319 Records and Information Management I	NP	NP	NP	NP
POFT 1325 Business Math & Machine Applications	NP	NP	NP	NP
POFT 1429 Beginning Keyboarding (Majors)	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Secretarial Assistant Certificate				
HRPO 1311 Human Relations	NP	NP	NP	NP
POFT 1301 Business English	NP	NP	NP	NP
POFT 1319 Records and Information Management I	NP	NP	NP	NP
POFT 1325 Business Math & Machine Applications	NP	NP	NP	NP
POFT 1429* Beginning Keyboarding (Majors)	NP	NP	NP	NP
ITSW 1304 Introduction to Spreadsheets	NP	NP	NP	NP
POFI 1301 Computer Applications I	NP	NP	NP	NP
POFT 1309 Administrative Procedures I	NP	NP	NP	NP
POFT 1313 Professional Development for Office Personnel	NP	NP	NP	NP
POFT 2301 Intermediate Keyboarding	NP	NP	NP	POFT 1429
Skills Upgrade Certificate				
HRPO 1311 Human Relations	NP	NP	NP	NP
or POFT 1313 Professional Development for Office Personnel	NP	NP	NP	NP
POFT 1301 Business English	NP	NP	NP	NP
or POFT 2312 Business Correspondence & Communications	NP	NP	NP	NP
POFT 2301 Intermediate Keyboarding	NP	NP	NP	POFT 1309
ACNT 1303 Introduction to Accounting I	NP	NP	NP	POFT 1429
or POFI 1301 Computer Applications I	NP	NP	NP	NP
or POFT 1329 Beginning Keyboarding (Non-Majors)	NP	NP	NP	NP
or POFT 1429 Beginning Keyboarding (Majors)	NP	NP	NP	NP
or POFT 2321 Machine Transcription	NP	NP	NP	POFT 1301 & 2301
ITSW 1304 Introduction to Spreadsheets	NP	NP	NP	NP
Customer Service Clerk				
HRPO 1311 Human Relations	NP	NP	NP	NP
MRKG 1301 Customer Relations	0301	0301	NP	NP
POFT 1329 Beginning Keyboarding (Non-Majors)	NP	NP	NP	NP
SPCH 1342 Voice and Articulation	NP	NP	NP	NP
Data Entry Clerk				
POFT 1325 Business Math & Machine Applications	NP	NP	NP	NP
POFT 1307 Proofreading and Editing	NP	NP	NP	NP
POFT 1329 Beginning Keyboarding (Non-Majors)	NP	NP	NP	NP
Office Clerk				
HRPO 1311 Human Relations	NP	NP	NP	NP
POFT 1319 Records & Information Management I	NP	NP	NP	NP
POFT 1429 Beginning Keyboarding (Majors)	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Business Management				
Administration Certificate				
BUSI 1301 Introduction to Business	1301	College	0302	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
MRKG 1311 Principles of Marketing	NP	NP	NP	BMGT 1303
MRKG 1301 Customer Relations	0301	0301	NP	NP
COMM 1307 Intro to Mass Communications	0301	0301	NP	NP
Entrepreneurship Certificate				
ENGL 1301 Freshman Composition I	1301	College	NP	NP
or POFT 1301 Business English	NP	NP	NP	NP
BUSI 1301 Intro to Business	1301	College	0302	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
MRKG 1311 Principles of Marketing	NP	NP	NP	BMGT 1303
or COMM 1307 Intro to Mass Communications	0301	0301	NP	NP
MRKG 1301 Customer Relations	0301	0301	NP	NP
BMGT 2303 Problem Solving and Decision Making	NP	NP	NP	NP
COMM 2324 Practicum in Electronic Media	1301	College	NP	NP
ACCT 2301 Principles of Accounting I	1301	College	0302	NP
or ACNT 1303 Introduction to Accounting I	NP	NP	NP	NP
BUSI 2301 Business Law	1301	College	0302	NP
BUSG 2309 Small Business Management	NP	NP	NP	NP
Entry Level Supervisor Certificate				
COSC 1300 Computer Literacy	NP	NP	NP	NP
ENGL 1301 Freshman Composition I	1301	College	NP	NP
BMGT 1303 Principles of Management	NP	NP	NP	NP
SPCH 1311 Fundamentals of Speech	0302	0301	NP	NP
PSYC 2301 Introduction to Psychology	1301	College	0301	NP
BMGT 1301 Supervision	NP	NP	NP	NP
BMGT 2382 Cooperative Education	NP	NP	NP	DEPT APP
International Business Certificate				
ENGL 1301 Freshman Composition I	1301	College	NP	NP
or POFT 1301 Business English	NP	NP	NP	NP
IBUS 1305 Intro to International Business & Trade	NP	NP	NP	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
BMGT 1301 Supervision	NP	NP	NP	NP
SPAN 1411 Elementary Spanish I	NP	NP	NP	NP
or SPAN 2316 Career Spanish I	NP	NP	NP	NP
or GERM 1411 Elementary German I	NP	NP	NP	NP
or FREN 1411 Elementary French I	NP	NP	NP	NP
IBUS 2345 Import Customs Regulation	NP	NP	NP	NP
or IBUS 1301 Principles of Imports-Exports I	NP	NP	NP	NP
SPNL 1342 Business Spanish	NP	NP	NP	DEPT APP
or SPAN 2317 Career Spanish II	NP	NP	NP	NP
or SPAN 1412 Elementary Spanish II	NP	NP	NP	SPAN 1411
or GERM 1412 Elementary German II	NP	NP	NP	NP
IBUS 1354 International Marketing Management	NP	NP	NP	NP
IBUS 2380 Cooperative Education-International Business	NP	NP	NP	NP
ACCT 2301 Principles of Accounting I	1301	College	0302	NP
or ACNT 1303 Introduction to Accounting I	NP	NP	NP	NP
Leadership Certificate				
BMGT 1301 Supervision	NP	NP	NP	NP
QCTC 1305 Teaming	NP	NP	NP	NP
MRKG 1301 Customer Relations	0301	0301	NP	NP
HRPO 1311 Human Relations	NP	NP	NP	NP
BMGT 2309 Leadership	NP	NP	NP	NP
BMGT 2347 Critical Thinking and Problem Solving	NP	NP	NP	NP
or IBUS 2341 International Comparative Management	NP	NP	NP	NP
or POFT 1328 Business and Professional Presentations	NP	NP	NP	NP
BMGT 2303 Problem Solving and Decision Making	NP	NP	NP	NP
HRPO 2307 Organizational Behavior	NP	NP	NP	NP
BMGT 2341 Strategic Management	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Marketing Certificate				
BUSI 1301 Introduction to Business	1301	College	0302	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
MRKG 1311 Principles of Marketing	NP	NP	NP	NP
MRKG 1301 Customer Relations	0301	0301	NP	NP
COMM 1307 Intro to Mass Communications	0301	0301	NP	NP
BMGT 1301 Supervision	NP	NP	NP	NP
COMM 2324 Practicum in Electronic Media	1301	College	NP	NP
SPCH 1321 Business & Professional Speech	0301	0301	NP	NP
MRKG 2380 Cooperative Education	NP	NP	NP	NP
Telecomm Technology Certificate				
HRPO 1311 Human Relations	NP	NP	NP	NP
SPCH 1318 Interpersonal Communications	0301	0301	NP	NP
EECT 1303 Introduction to Telecommunications	NP	NP	NP	NP
POFT 1329 Beginning Keyboarding	NP	NP	NP	NP
BUSI 1301 Introduction to Business	1301	College	0302	NP
MRKG 1301 Customer Relations	1301	0301	NP	NP
BUSI 1311 Principles of Salesmanship	NP	NP	NP	NP
EECT 1300 Technical Customer Service	NP	NP	NP	NP
RTVB 1317 Survey of Electronic Media	NP	NP	NP	NP
EECT 2337 Wireless Telephony Systems	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Computer Information Systems				
Advanced Web Programming Certificate				
ITSC 1301 Introduction to Computers	NP	NP	NP	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
IMED 1316 Web Page Design	NP	NP	NP	ITSC 1301 & 1309
ARTS 2348 Digital Art	0301	0301	NP	NP
ITSE 2317 JAVA Programming	NP	NP	NP	NP
ITMT 1345 Enterprise Development Using MS Visual Studio	NP	NP	NP	NP
COMM 2324 Practicum in Electronic Media	1301	College	NP	NP
IMED 2315 Web Page Design II	NP	NP	NP	IMED 1316
INEW 2334 Advanced Web Page Programming	NP	NP	NP	NP
ITNW 1321 Introduction to Networking	NP	NP	NP	ITSC 1301
ITSE 2302 Intermediate Web Programming	NP	NP	NP	NP
ITSW 1391 Current Web Design Software	NP	NP	NP	ITSC 1301 & 1309
Certified Network Systems Technician Preparation Cert				
ITNW 1325 Fundamentals of Networking Technologies	NP	NP	NP	ITSC 1301, 1317, 1325
ITNW 1333 Microsoft Networking Essentials	NP	NP	NP	ITSC 1301, 1317, 1325
ITNW 1354 Implementation and Supporting Servers	NP	NP	NP	NP
ITNW 1164 Practicum 1	NP	NP	NP	NP
ITSC 1301 Introduction to Computers	NP	NP	NP	NP
ITSC 1305 PC Operating Systems	NP	NP	NP	NP
ITSC 1325 Personal Computer Hardware	NP	NP	NP	ITSC 1309
Certified Systems Technician Preparation Certificate				
ITSC 1301 Introduction to Computers	NP	NP	NP	NP
ITSC 1305 PC Operating Systems	NP	NP	NP	NP
ITSC 1325 Personal Computer Hardware	NP	NP	NP	NP
ITNW 1680 Co-Op	NP	NP	NP	DEPT APP
Microsoft Certified Systems Administrator Certificate				
ITSC 1301 Introduction to Computers	NP	NP	NP	NP
ITSC 1305 PC Operating Systems	NP	NP	NP	NP
ITSC 1325 Personal Computer Hardware	NP	NP	NP	ITSC 1309
ITNW 1325 Fundamentals of Networking Technologies	NP	NP	NP	ITSC 1301,1317,1325
ITNW 1333 Microsoft Networking Essentials	NP	NP	NP	ITSC 1301,1317,1325
ITNW 1354 Implementation and Supporting Servers	NP	NP	NP	NP
ITNW 1164 Practicum	NP	NP	NP	NP
ITMC 1341 Implementing Microsoft Windows Professional and Server	NP	NP	NP	ITSC 1301,1317,1325
ITMT 2330 Designing a Microsoft Windows Server	NP	NP	NP	ITSC 1301,1317,1325, ITNW 1325,1333,1354
ITMT 2340 Designing Security for Microsoft Networks	NP	NP	NP	ITSC 1301,1317,1325, ITNW 1325,1333,1354
ITNW 2165 Practicum – Business Systems Networking and Telecommunications	NP	NP	NP	ITSC 1301,1317,1325, ITNW 1325,1333,1354
Microsoft Certified Systems Engineer Preparation Cert				
ITMC 1301 MS Windows Network & OS Essentials	NP	NP	NP	ITSC 1301,1317,1325, ITNW 1325,1333,1354
ITMC 1341 Implementing MS Windows Professional and Server	NP	NP	NP	ITSC 1301,1317,1325
ITMT 1350 Implementing, Managing, Maintaining MS Windows Server 2003 Network Infrastructure: Network Services	NP	NP	NP	ITSC 1301,1317,1325
ITMT 2300 Planning, Implementing, Maintaining MS Windows Server 2003 Active Directory Infrastructure	NP	NP	NP	ITSC 1301,1317,1325, ITNW 1325,1333,1354
ITMC 1419 Installing and Administering MS Windows Server OS	NP	NP	NP	ITSC 1301,1317,1325
ITNW 1325 Fundamentals of Networking Technologies	NP	NP	NP	ITSC 1301,1317,1325
ITNW 1333 Microsoft Networking Essentials	NP	NP	NP	ITSC 1301,1317,1325
ITNW 1354 Implementation and Supporting Servers	NP	NP	NP	NP
ITNW 1164 Practicum	NP	NP	NP	NP
ITSC 1301 Introduction to Computers	NP	NP	NP	NP
ITSC 1305 PC Operating Systems	NP	NP	NP	NP
ITSC 1325 Personal Computer Hardware	NP	NP	NP	ITSC 1309
Network Administration				

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
ITNW 1325 Fundamentals of Networking Technology	NP	NP	NP	ITSC 1301,1317,1325
ITSC 1307 UNIX Operating System I	NP	NP	NP	NP
ITSC 1325 Personal Computer Hardware	NP	NP	NP	ITSC 1309
ITSY 2300 Operating System Security	NP	NP	NP	NP
ITNW 1354 Implementing & Supporting Servers	NP	NP	NP	NP
ITSC 2337 UNIX Operating System II	NP	NP	NP	ITSC 1307
ITSY 2301 Firewalls and Network Security	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Personal Computer Skills				
ITSC 1301 Introduction to Computers	NP	NP	NP	
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
ITSW 1310 Introduction to Presentation Graphics Software	NP	NP	NP	NP
ITSW 2334 Advanced Spreadsheets	NP	NP	NP	ITSC 1301,1309
ITSW 2337 Advanced Database	NP	NP	NP	ITSC 1301, 1309, COSC 1301 NP
Web Publishing Skills Certificate				
ITSC 1301 Introduction to Computers	NP	NP	NP	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
IMED 1316 Web Page Design I	NP	NP	NP	NP
ARTS 2348 Digital Art I	0301	0301	NP	NP
COMM 2324 Practicum in Electronic Media	1301	College	NP	NP
IMED 2315 Web Page Design II	NP	NP	NP	NP
CISCO Certification Preparation				
ITCC 1302 CCNA 1: Networking Basic	NP	NP	NP	NP
ITCC 1306 CCNA 2: Router and Routing Basics	NP	NP	NP	NP
ITCC 1342 CCNA 3: Switching Basic and Intermediate Routing	NP	NP	NP	NP
ITCC 1346 CCNA 4: WAN Technologies	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Fine and Performing Arts				
Conjunto Performance				
MUSI 1181 Beginning Piano I	0301	0301	NP	NP
MUSI 1182 Beginning Piano II	0301	0301	NP	MUSI 1181
or MUAP 2170 Intermediate Piano I/Private	0301	0301	NP	MUSI 1182
MUAP 2171 Intermediate Piano II/Private	0301	0301	NP	MUAP 2170
ENSEMBLE				
MUEN 1155 Conjunto Ensemble	NP	NP	NP	NP
PRIMARY INSTRUMENT				
MUAP XXXX Primary Instrument/Private	NP	NP	NP	NP
CO-OP OR HISTORY				
MUSI 2389 Academic Music Co-operative*	0301	0301	NP	INS PERM
or MUSI 1310 American Music**	0301	0301	NP	NP
Digital Art				
ARTS 1313 Foundations of Digital Art	NP	NP	NP	NP
ARTS 1325 Digital Drawing and Painting	NP	NP	NP	NP
ARTS 2348 Digital Art I	NP	NP	NP	NP
ARTS 2349 Digital Art II	0301	0301	NP	NP
ARTS 2389 Academic Cooperative in Fine Arts	NP	NP	NP	NP
Digital Photography				
ARTS 1313 Foundations of Digital Art	NP	NP	NP	NP
ARTS 2348 Digital Art I	NP	NP	NP	NP
ARTS 2356 Photo I: Digital Photography I	0301	0301	NP	NP
ARTS 2357 Photo II: Digital Photography II	0301	0301	NP	NP
ARTS 2389 Academic Cooperative in Fine Arts	NP	NP	NP	NP
Jazz Performance				
MUSI 1181 Beginning Piano I	0301	0301	NP	NP
MUSI 1182 Beginning Piano II	0301	0301	NP	MUSI 1181
or MUAP 2170 Intermediate Piano I/Private	0301	0301	NP	MUSI 1182
MUAP 2171 Intermediate Piano II/Private	0301	0301	NP	MUAP 2170
ENSEMBLE				
MUEN 1121 Jazz Ensemble	0301	0301	NP	NP
PRIMARY INSTRUMENT				
MUAP XXXX Primary Instrument/Private	NP	NP	NP	NP
CO-OP OR HISTORY				
MUSI 2389 Academic Music Co-operative*	0301	0301	NP	INST PERM
or MUSI 1310 American Music**	0301	0301	NP	NP
Mariachi Performance				
PIANO				
MUSI 1181 Beginning Piano I	0301	0301	NP	NP
MUSI 1182 Beginning Piano II	0301	0301	NP	MUSI 1181
or MUAP 2170 Intermediate Piano I/Private	0301	0301	NP	MUSI 1182
MUAP 2171 Intermediate Piano II/Private	0301	0301	NP	MUAP 2170
ENSEMBLE				
MUEN 1151 Beginning Mariachi Ensemble 1	0301	0301	NP	NP
MUEN 1152 Intermediate Mariachi Ensemble 1	0301	0301	NP	MUEN 1151/INS PER
MUEN 1153 Advanced Mariachi Ensemble 2	NP	NP	NP	NP
PRIMARY INSTRUMENT				
MUAP XXXX Primary Instrument/Private				
CO-OP OR HISTORY				
MUSI 2389 Academic Music Co-operative*	0301	0301	NP	INST PERM
Music Business I				
MUSB 1305 Survey of Music Business	NP	NP	NP	NP
MUSB 2355 Legal Aspects of Entertainment	NP	NP	NP	NP
MUSB 2309 Record Industry	NP	NP	NP	NP
MUSB Music Business Elective	NP	NP	NP	NP
MUSI 1181 Beginning Piano I	0301	0301	NP	NP
or MUAP Private Instrument	NP	NP	NP	NP
or MUEN 1121, 1141, 1151, 1152, or 1155	0301	0301	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Music Business II				
MUSB 1305 Survey of Music Business	NP	NP	NP	NP
MUSB 2355 Legal Aspects of Entertainment	NP	NP	NP	NP
MUSI 1181 Beginning Piano I	0301	0301	NP	NP
or MUAP Private Instrument	NP	NP	NP	NP
or MUEN 1121, 1141, 1151, 1152, or 1155	0301	0301	NP	NP
MUSB 2309 Record Industry	NP	NP	NP	NP
MUSB Music Business Elective	NP	NP	NP	NP
MUSI 1181 Beginning Piano I	0301	0301	NP	NP
or MUAP Private Instrument	NP	NP	NP	NP
or MUEN 1121, 1141, 1151, 1152, or 1155	0301	0301	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Industrial Automation Technology				
Industrial Automation Associate				
CETT 1303 DC Circuits	NP	NP	NP	CO-RQ:ENTC 1347
CETT 1305 AC Circuits	NP	NP	NP	CETT1303,ELMT1391
ELMT 1305 Basic Fluid Power	NP	NP	NP	ELMT 1391
INTC 1312 Intro to Instrumentation & Safety	NP	NP	NP	NP
EEIR 1301 Math for Electronic Technicians	NP	NP	NP	NP
CETT 1415 Digital Applications	NP	NP	NP	CETT1303,ELMT1391
CETT 1321 Electronic Fabrication	NP	NP	NP	CETT1303,ELMT1391
ELMT 1301 Programmable Logic Controllers	NP	NP	NP	CETT1305,1415
ENTC 1349 Reliability & Maintainability	NP	NP	NP	NP
INCR 1302 Physics of Instrumentations	NP	NP	NP	ELMT 1391
Industrial Automation Helper				
CETT 1303 DC Circuits	NP	NP	NP	CO-RQ:ENTC 1347
CETT 1305 AC Circuits	NP	NP	NP	CETT1303,ELMT1391
ELMT 1305 Basic Fluid Power	NP	NP	NP	ELMT 1391
INTC 1312 Intro to Instrumentation & Safety	NP	NP	NP	NP
EEIR 1301 Math for Electronic Technicians	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
International Studies				
International Certificate-part 1				
<i>3 hrs Gateway Course:</i>				
HUMA 2323 –World Cultures & Global Issues	NP	NP	NP	NP
6 hrs Core Courses (Student must choose a minimum of two courses)				
ANTH 2346 Intro. to Anthropology	1301	College	0301	NP
ARTS 1301 Art Appreciation	0301	0301	NP	NP
ARTS 1303 Art History I	1301	0301	NP	NP
ARTS 1304 Art History II	1301	0301	NP	NP
DANC 1305 World Dance	NP	NP	NP	NP
DANC 2303 Dance Appreciation	0300	0300	NP	NP
ENGL 2332 World Literature I	1301	College	NP	ENGL 1301,1302
ENGL 2333 Modern World Literature	1301	College	NP	ENGL 1301,1302
FREN 1411 Elementary French I	NP	NP	NP	NP
FREN 1412 Elementary French II	NP	NP	NP	FREN 1411
GEOG 1301 Physical Geography	0301	0301	NP	NP
GEOG 1303 World Geography	0301	0301	NP	NP
GERM 1411 Elementary German I	NP	NP	NP	NP
HIST 2321 World Civilization I	0301	College	NP	NP
HIST 2322 World Civilization II	0301	0301	NP	NP
IBUS 1301 Principles of Imports/Exports	NP	NP	NP	NP
IBUS 1305 International Business and Trade	NP	NP	NP	NP
IBUS 1354 International Marketing Management	NP	NP	NP	BMGT 1303
IBUS 2341 International Comparative Management	NP	NP	NP	BMGT 1303
IBUS 2345 Import Customs Regulations	NP	NP	NP	NP
IBUS 2380 Cooperative Education International Business	NP	NP	NP	NP
LMGT 2330 International Logistics Mgt.	NP	NP	NP	DEPT APP
MUSI 1306 Music Appreciation	0301	0301	NP	NP
PHIL 1304 World Religions	0301	0301	0301	NP
SPAN 1411 Elementary Spanish I	NP	NP	NP	NP
SPAN 1412 Elementary Spanish II	NP	NP	NP	SPAN 1411
SPAN 2311 Intermediate Spanish I	NP	NP	NP	SPAN 1412
SPAN 2312 Intermediate Spanish II	NP	NP	NP	SPAN 2311
SPNL 1342 Business Spanish	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
International Certificate-part 2				
3 hrs International Component Courses Student must choose a minimum of three hours (one course) taught by the professor specified. The faculty member identified with each course has "internationalized" the curricula for the sections.				
BIOL 1322 Nutrition – Eleanor Skelley	1301	College	0303	NP
BIOL 2306 Environmental Science – Ed Hagen	0301	0301	0302	NP
BMGT 1303 Principles of Business Management – Elsa Anaya	NP	NP	NP	NP
BMGT 2331 Principles of Quality Management – Elsa Anaya	NP	NP	NP	BMGT1303,MATH1314
BUSI 1301 Introduction to Business – Elsa Anaya & Veronica Rosas-Tatum	1301	College	0302	NP
COMM 1307 Intro to Mass Communication – Denise Barkis Richter	0301	0301	NP	NP
COMM 2311 News Gathering and Writing I – Denise Barkis Richter	0301	0301	NP	NP
DANC 1149 Ballet Folklorico I - Jeanette Chavez	NP	NP	NP	NP
DANC 1150 Ballet Folklorico II - Jeanette Chavez	NP	NP	NP	DANC 1149
ECON 2301 Macroeconomics – Jonathan Fink or Joan Osborne	0301	0301	0301	NP
EDUC 1301 Intro to Education – Mary-Ellen Jacobs	NP	NP	NP	ENGL 1301
ENGL 1302 Freshman Composition II – Ellen Shull	1301	College	NP	ENGL 1301
ENGL 2341 New Voices of Literature – Ellen Shull & Mary-Ellen Jacobs	1301	College	NP	ENGL1301,1302
ENGL 2373 American Multi-cultural Literature – Ellen Shull	1301	0301	NP	NP
GEOL 1401 Earth Sciences I – Glen Tanck	0301	0301	0301	NP
GEOL 1402 Earth Sciences II – Glen Tanck	0301	0301	0301	NP
GEOL 1403 Physical Geology – Glen Tanck	0301	0301	0301	NP
GEOL 1404 Historical Geology – Glen Tanck	0301	0301	0301	GEOL 1403
GOVT 2305 National Government – Sandra Gieseler or Gabriel Ume	0301	0301	NP	NP
GOVT 2305 American Government in Global Perspective – Gabriel Ume	0301	0301	NP	NP
HIST 1301 History of the United States, Part I – Peter Myers/ Irene Scharf	0301	0301	NP	NP
HIST 1302 History of the United States, Part II – Peter Myers Irene Scharf	0301	0301	NP	NP
HUMA 1301 Intro to Humanities – Mariana Ornelas or Karen Marcotte	1301	0301	0301	NP
HUMA 1302 Readings in the Humanities – Karen Marcotte	1301	College	NP	NP
HUMA 1305 Intro to Mexican-American Humanities - Mariana Ornelas	1301	College	NP	NP
KINE 1114 Ballet Folklorico I - Jeanette Chavez	NP	NP	NP	NP
KINE 1115 Ballet Folklorico II - Jeanette Chavez	NP	NP	NP	KINE 1114
KINE 1167 Social Dance I – Michelle Angulo	NP	NP	NP	NP
KINE 1168 Social Dance II – Michelle Angulo	NP	NP	NP	KINE 1167
KINE 1321 Coaching/Sports/Athletics	NP	NP	NP	NP
LMGT 1319 Introduction to Business Logistics – Paulette Jordan	NP	NP	NP	NP
LMGT 1323 Domestic & International Transportation Management – Paulette Jordan	NP	NP	NP	LMGT 1319
LMGT 1325 Warehouse & Distribution Center Management – Paulette Jordan	NP	NP	NP	LMGT 1319
LMGT 1393 Special Topic (Logistics Issues) –Paulette Jordan	NP	NP	NP	LMGT 1319
LMGT 2334 Principles of Traffic Management – Paulette Jordan	NP	NP	NP	LMGT1319,1323
MRKG 1311 Principles of Marketing – Elsa Anaya	NP	NP	NP	BMGT 1303
SPCH 1311 Fundamentals of Speech – Ann Turner	0301	0301	NP	NP
SPCH 1321 Business and Professional Speech – Ken Harris	0301	0301	NP	NP
SPCH 2341 Oral Interpretation: A Multicultural Experience	0301	0301	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Kinesiology				
Physical Fitness Specialist 1				
KINE 1197 Weight Training II	NP	NP	NP	NP
KINE 1238 Concepts of Physical Fitness	0300	0300	NP	NP
KINE 1306 First Aid and CPR	0300	0300	NP	NP
KINE 2101 Skill Analysis (Individual)	NP	NP	NP	NP
KINE 2102 Skills Analysis (Dual)	NP	NP	NP	NP
or KINE 2103 Skills Analysis (Team)	NP	NP	NP	NP
Physical Fitness Specialist 2				
Completion of Physical Fitness Specialist I Certificate plus	NP	NP	NP	NP
KINE 1304 Personal/Community Health (Nutrition)	0300	0300	NP	NP
KINE 1338 Concepts of Physical Fitness* (Personal Trainer course)	NP	NP	NP	NP
KINE 1346 Substance Abuse	0300	0300	NP	NP
KINE 1105 Aerobics II	NP	NP	NP	NP
or KINE 1127 Cardio Kick Boxing II	NP	NP	NP	NP
or KINE 1156 Physical Conditioning	NP	NP	NP	NP
or KINE 1198 Yoga II	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Library Science and Technology				
Library Technology Assistant				
BMGT 1345 Communications Skills for Managers (Library Specific)	NP	NP	NP	NP
COMM 2289 Practicum in Communication (Library Specific)	NP	NP	NP	NP
LBRA 1391 Information Sources and Services	NP	NP	NP	NP
LBRA 1391 Acquisition and Cataloging Processes	NP	NP	NP	NP
LBRA 1391 Public Services Circulation Services Processes	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Landscape and Turfgrass				
Basic Nursery & Landscape Operations Certificate				
HALT 1401 Principles of Horticulture	NP	NP	NP	NP
or AGRI 1415 Horticulture	0301	0301	0301	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
HALT 1324 Turfgrass Science & Management	NP	NP	NP	NP
HALT 1303 Herbaceous Plants	NP	NP	NP	NP
BMGT 1303 Principles of Management	NP	NP	NP	NP
HALT 1333 Landscape Irrigation	NP	NP	NP	NP
HALT 1331 Woody Plant Materials	NP	NP	NP	NP
HALT 1322 Landscape Design	NP	NP	NP	NP
or HALT 1319 Landscape Construction	NP	NP	NP	NP
or HALT 2314 Plant Propagation	NP	NP	NP	NP
HALT 2318 Soil Fertility and Fertilizers	NP	NP	NP	NP
HALT 2323 Horticultural Pest Control	NP	NP	NP	NP
HALT 1351 Landscape Business Operations	NP	NP	NP	NP
HALT 1338 Irrigation Water Management & Conservation	NP	NP	NP	NP
HALT 2331 Advanced Landscape Design	NP	NP	NP	NP
or HALT 2301 Arboriculture	NP	NP	NP	NP
or HALT 2320 Nursery Production & Management	NP	NP	NP	NP
Landscape and Horticultural Science Certificate				
HALT 1401 Principles of Horticulture	NP	NP	NP	NP
or AGRI 1415 Horticulture	0301	0301	0301	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
HALT 1324 Turfgrass Science & Management	NP	NP	NP	NP
HALT 1303 Herbaceous Plants	NP	NP	NP	NP
BMGT 1303 Principles of Management	NP	0301	0300	NP
HALT 1333 Landscape Irrigation	NP	NP	NP	NP
HALT 1331 Woody Plant Materials	NP	NP	NP	NP
HALT 1322 Landscape Design	NP	NP	NP	NP
or HALT 1319 Landscape Construction	NP	NP	NP	NP
or HALT 2314 Plant Propagation	NP	NP	NP	NP
HALT 2318 Soil Fertility and Fertilizers	NP	NP	NP	NP
HALT 2323 Horticultural Pest Control	NP	NP	NP	NP
HALT 1351 Landscape Business Operations	NP	NP	NP	NP
HALT 1338 Irrigation Water Management & Conservation	NP	NP	NP	NP
HALT 2331 Advanced Landscape Design	NP	NP	NP	NP
or HALT 2301 Arboriculture	NP	NP	NP	NP
or HALT 2320 Nursery Production & Management	NP	NP	NP	NP
Turf and Landscape Irrigation Certificate				
HALT 1401 Principles of Horticulture	NP	NP	NP	NP
or AGRI 1415 Horticulture	0301	0301	0301	NP
BMGT 1303 Principles of Management	NP	0301	0300	NP
or HALT 2318 Soil Fertility and Fertilizers	NP	NP	NP	NP
or HALT 1351 Landscape Business Operations	NP	NP	NP	NP
HALT 1324 Turfgrass Science & Management	NP	NP	NP	NP
HALT 1303 Herbaceous Plants	NP	NP	NP	NP
HALT 1319 Landscape Construction	NP	NP	NP	NP
HALT 1333 Landscape Irrigation	NP	NP	NP	NP
HALT 1331 Woody Plant Materials	NP	NP	NP	NP
HALT 1338 Irrigation Water Management & Conservation	NP	NP	NP	NP
Turfgrass and Golf course Management Certificate				

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
HALT 1401 Principles of Horticulture	NP	NP	NP	NP
or AGRI 1415 Horticulture	0301	0301	0301	NP
HALT 1324 Turfgrass Science & Management	NP	NP	NP	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
HALT 1303 Herbaceous Plants	NP	NP	NP	NP
BMGT 1303 Principles of Management	NP	0301	0300	NP
HALT 2312 Turfgrass Maintenance	NP	NP	NP	NP
HALT 1331 Woody Plant Materials	NP	NP	NP	NP
HALT 1333 Landscape Irrigation	NP	NP	NP	NP
HALT 2318 Soil Fertility and Fertilizers	NP	NP	NP	NP
HALT 2323 Horticulture Pest Control	NP	NP	NP	NP
HALT 1345 Golf/Sport Field/Park Management	NP	NP	NP	NP
HALT 1346 Specialized Turfgrass Management	NP	NP	NP	NP

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Logistics and Supply Chain Management				
International Logistics Management Certificate				
BMGT 1301 Supervision	NP	0301	0300	NP
IBUS 2345 Import Customs Regulations	NP	NP	NP	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
or POFI 1301 Computer Applications I	NP	NP	NP	NP
LMGT 1319 Introduction to Business Logistics	NP	NP	NP	NP
LMGT 1323 Domestic & International Transportation Mgt	NP	NP	NP	LMGT 1319
LMGT 2330 International Logistics Management	NP	NP	NP	DEPT APP
Logistics Management Certificate				
BMGT 1301 Supervision	NP	0301	0300	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
or POFI 1301 Computer Applications I	NP	NP	NP	NP
LMGT 1319 Introduction to Business Logistics	NP	NP	NP	NP
LMGT 1325 Warehouse & Distribution Center Management	NP	NP	NP	LMGT 1319
LMGT 1393 Special Topics: Logistics & Material Mgt.	NP	NP	NP	LMGT 1319
BMGT 1303 Principles of Management	NP	0301	0300	NP
ECON 2302 Principles of Microeconomics	0301	0301	0301	NP
ENGL 1301 Freshman Composition I	1301	College	NP	NP
MATH 1314 College Algebra	0301	0301	1314	NP
LMGT 1323 Domestic & International Transportation Mgt.	NP	NP	NP	LMGT 1319
Manufacturing Management Certificate				
BMGT 1301 Supervision	NP	0301	0300	NP
BMGT 1313 Purchasing Management	NP	0301	0300	NP
BMGT 1331 Production and Operations Management	NP	NP	NP	LMGT 1319
BMGT 2331 Principles of Quality Management	NP	NP	NP	BMGT1303, MATH 1314
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
or POFI 1301 Computer Applications I	NP	NP	NP	NP
LMGT 1319 Introduction to Business Logistics	NP	NP	NP	NP
MATH 1314 College Algebra	0301	0301	1314	NP
Transportation Management Certificate				
BMGT 1301 Supervision	NP	0301	0300	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
or POFI 1301 Computer Applications I	NP	NP	NP	NP
LMGT 1319 Introduction to Business Logistics	NP	NP	NP	NP
LMGT 1323 Domestic & International Transportation Mgt.	NP	NP	NP	LMGT 1319
LMGT 1393 Special Topics: Logistics Material Management	NP	NP	NP	LMGT 1319
LMGT 2334 Principles of Traffic Management	NP	NP	NP	LMGT1319,1323
Warehouse Specialist Certificate				
BMGT 1301 Supervision	NP	0301	0300	NP
ITSC 1309 Integrated Software Applications I	NP	NP	NP	NP
or POFI 1301 Computer Applications I	NP	NP	NP	NP
LMGT 1319 Introduction to Business Logistics	NP	NP	NP	NP
LMGT 1325 Warehouse & Distribution Center Management	NP	NP	NP	LMGT 1319
LMGT 1323 Domestic & International Transportation Mgt.	NP	NP	NP	LMGT 1319
or LMGT 1393 Special Topics: Logistics & Material Mgt.	NP	NP	NP	LMGT 1319

PAC Level 1 Certificates

	Students must be eligible to take the listed courses			Pre-requisites & Comments Students must have already taken the listed courses or met the approved criteria
	ENGL	READ	MATH	
Teacher's Aide				
Education Aide Level 1 Certificate				
EDTC 1325 Principles and Practices of Multicultural Education	0300	0300	0300	NP
or EDTC 1301 Instructional Practices - Educational Processes	NP	NP	NP	NP
EDTC 1307 Teaching Reading in the Elementary School	NP	NP	NP	NP
or CDEC 1356 Emergent Literacy for Early Childhood	NP	NP	NP	NP
EDTC 1313 Educational Technology and Software	NP	NP	NP	NP
CDEC 1354 Child Growth and Development	NP	NP	NP	NP
ENGL 1301 Freshman Composition I	1301	College	NP	NP
CDEC 1359 Children with Special Needs	NP	NP	NP	NP
ENGL 1302 Freshman Composition II	1301	College	NP	ENGL 1301
EDTC 2305 Reading Problems	NP	NP	NP	NP
EDTC 1321 Bilingual Education	NP	NP	NP	NP
or CDEC 1313 Curriculum Resources for EC Programs	NP	NP	NP	NP
SPAN 1411 Elementary Spanish I	NP	NP	NP	NP
or SPAN 1412 Elementary Spanish II	NP	NP	NP	SPAN 1411
EDTC 1311 Instructional Practices – Effective Learning Environments	NP	NP	NP	NP
SPCH 1311 Fundamentals of Speech	0301	0301	0301	NP
or SPCH 1318 Interpersonal Communication	0301	0301	0301	NP

SWC Level 1 Certificates

Air Conditioning and Heating	Level 1
Aircraft Structures Mechanic Certificate	Level 1
Aircraft Turbines Mechanic Certificate	Level 1
Architectural Drafting Marketable Skills Certificate	Level 1
Avionics Certificate	Level 1
Brake & Front End Specialist Certificate (Diesel)	Level 1
Building Trades Certification	Level 1
CNC Operator Certificate	Level 1
CNC Tool Operator	Level 1
Collision Technology	Level 1
Collision/Refinishing Technology Certificate	Level 1
Computer Aided Drafting Technician	Level 1
Diesel/Heavy Equipment Technology Certificate	Level 1
Electrical Trades Certificate	Level 1
Homebuilding Certificate	Level 1
Machinist/Machine Technology	Level 1
Manual/Semi-Manual inert Gas Welding Certificate	Level 1
Manufacturing Operations Maintenance	Level 1
Plastics Certificate	Level 1
Plumber's Helper Certificate	Level 1
Plumbing Trades Certificate	Level 1
Railroad Operations Certificate	Level 1
Railroad Operations-Mechanical Option Certificate	Level 1
Refrigeration	Level 1
Refrigeration Technology	Level 1
Structural/Pipe Layout certificate	Level 1
Transmission Specialist Certificate (Diesel)	Level 1
Architectural Drafting Certificate-3D	Marketable Skills
Manufacturing Trade Skills Helper	Marketable Skills