

# MCCCD Occupational Degrees and Certificates - 2002-2003

## LEGEND

CG	=	Chandler Gilbert Community College
E	=	Estrella Mountain Community College
G	=	Glendale Community College
GW	=	GateWay Community College
M	=	Mesa Community College
P	=	Phoenix College
PV	=	Paradise Valley Community College
R	=	Rio Salado Community College
S	=	Scottsdale Community College
SM	=	South Mountain Community College

## AREAS / PROGRAM

## COLLEGES

### AGRICULTURE

#### Agribusiness Sales and Service

Pest Management	.....M
Pest Management Aide	.....M

#### Agricultural Production and Management

Agribusiness	.....G, M
<i>(See Agribusiness Sales and Service and Horticulture sections for additional programs and related areas)</i>	
Ranch and Livestock Management Aide	.....M
Ranch and Livestock Management Specialist	.....M
Urban Horticulture	.....G, M
<i>(See Horticulture section for additional programs and related areas)</i>	
Veterinary Technician/Animal Health	.....M

#### Equine Training and Management

Equine Science	.....S
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#### Horticulture

Landscape Aide	.....M
Landscape Design and Installation	.....G
Landscape Management	.....G
Landscape Specialist	.....M
Nursery Operations	.....G
<i>(See Agricultural Production and Management section for additional programs and related areas)</i>	

### BUSINESS

#### Accounting

Accounting	.....P
Accounting - Specialized Para-Professional	.....PV
Bookkeeping	.....S
Bookkeeping/Accounting	.....GW
Microcomputer Accounting	.....GW, P, PV
<i>(See Business Administration for additional information and related areas)</i>	
Paraprofessional Accounting	.....G

#### Business Administration

Business	M, S
Business (Fastrack)	S
General Business	CG, G, P, PV
<i>(See Management section for additional information and related areas)</i>	

## AREAS/PROGRAM

## COLLEGES

#### Business Administration (continued)

Import / Export Trade	.....GW, M, PV
International Business	.....GW, M, P, PV, S

#### Computer Science

Computer Applications	.....P
Computer Applications Technology	.....E
Computer Hardware & Desktop Support	CG, E, GW, M, P, S
Computer Hardware & Network Support	.....S
Computer Information Systems	.....G, M, P, PV, S
AS/400 Operations	.....G
AS/400 Applications Development	.....G
Database Development	.....S
Help Desk Specialist	.....G
Oracle Applications Developer	.....G, E
Oracle Database Administrator	.....G, E
Software Development	.....S
Web Design & Development	.....S
Web Developer	.....GW, PV, E
Computer Networking Technology	.....PV
Computer Systems Maintenance	.....PV
Computer Technology	.....R
Computer Usage and Applications	.....R
Desktop Publishing	.....E
Network Professional	.....R
Education Technology	.....GW
Internet/Intranet Web Development Technology	.....M
Microcomputer Applications	.....G
Microcomputer Applications:	
Office Specialist/Core Level	.....CG
Microcomputer Applications: Office Specialist/Expert Level	.....CG
Microcomputer Business Applications	.....CG, G
<i>(See Office Occupations section for additional information and related areas)</i>	
Microsoft Database Administration	.....CG
Microsoft Networking Technology	.....CG, E, G, GW, P, PV, S
Microsoft Product Specialist	.....CG, E, G, GW, P, PV, S
Microsoft Solutions Development	CG, E, G, GW, M, P, PV, S
Microsoft Systems Engineer	.....CG, E, G, GW, P, PV, S
Network Administration	.....GW, S
Network Administration: CISCO	.....M
Network Administration: Microsoft Windows NT	.....M
Network Administration: Novell	.....M
Network Administration: UNIX-Solaris	.....M
Network Administration: Microsoft Windows 2000	.....M
Networking Administration: Cisco	.....CG, E, G, GW, SM, P
Networking System Administration	.....M
Networking Technology: Cisco	.....CG, E, G, GW, SM, P
Personal Computer Applications	.....S
Programming Methodology	.....M
Programming and System Analysis	.....E, G, GW, M, P, PV, S

#### Finance

Banking and Finance	.....P
Real Estate	.....G, M

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## AREAS/PROGRAM

## COLLEGES

### Management

Business Management .....	SM
Credit Union Management .....	P
General Business .....	GW
Management .....	P, M, S
Management I .....	P
Management II .....	P
Materials Management .....	GW
Middle Management .....	G, PV
Public Administration .....	R
Public Administration: Legal Services .....	R
Public Relations .....	G
<i>(See Middle Management section for additional programs and related areas)</i>	
Retail Management .....	G
Small Business Management .....	E
Supermarket Management .....	SM
Supervision .....	G
Supervision and Management I .....	SM
Supervision and Management II .....	SM
Tribal Development .....	S
Wholesale Food Management .....	SM

### Marketing

Marketing .....	M, P, S
Marketing I .....	P
Marketing II .....	P
Retail Fashion .....	S
Salesmanship .....	M

### Media Technology

Motion Picture/Television Production .....	S
Acting and Directing .....	S
Broadcasting .....	S
Computer Animation .....	S
Computer Graphics .....	S
Dance Technology .....	S
Editing .....	S
Graphic Design .....	S
Media Arts Technology .....	S
Production .....	S
Scoring .....	S
Screenwriting .....	S
Sound Design .....	S
Maricopa Institute for Arts and Entertainment Technology ..	S
Media Arts: Computer Art/Illustration .....	CG, M, P, PV
Media Arts: Desktop Publishing .....	P, M
Media Arts: Digital Animation .....	P, M
Media Arts: Digital Imaging .....	CG, P, M
Media Arts: Music Technology .....	P, M
Media Arts: Web Page Design .....	P, M
Video Production Technology .....	G

### Middle Management

Public Relations .....	M
<i>(See Management and Media Technology sections for additional information and related areas)</i>	

## AREAS/PROGRAM

## COLLEGES

### Office Occupations

Administrative Information Management Support .....	PV
Administrative Office Coordinator .....	G
Administrative Office Professional .....	M
Computer Software Applications .....	PV
Court Reporting .....	GW
Data Entry Clerk .....	G
General Office Secretary .....	G
Legal Assisting .....	P
Legal Secretarial .....	P
Legal Office Support .....	P
Medical Office Support .....	P
Medical Office Support: Basic Clerical .....	P
Medical Office Support: Basic Transcription .....	P
Office Automation Systems .....	GW, PV, S, SM
Office Coordinator .....	G
Office Fundamentals .....	S
Office Specialist: Computer Applications .....	GW
Office Support .....	GW, P
Office Support I .....	P
Office Support II .....	P
Receptionist .....	G
Scoping .....	GW
Word Processing .....	S

### Total Quality Management

Organizational Leadership .....	E, GW, M, P, PV, R
Quality Customer Service .....	GW, M, P, PV, R
Credit Card: Customer Service .....	R
Human Services - Assistance: Customer Service .....	R
Human Services-Long Term Care: Customer Service .....	R
Human Services-Specialist: Customer Service .....	R
Insurance-Customer Service .....	R
Telecommunications: Customer Service .....	R
Travel Agency: Customer Service .....	R
Utilities Customer Service .....	R
Quality Process Leadership .....	GW, M, P, PV, R
Total Quality Management .....	E

## HEALTH OCCUPATIONS

### Allied Health

Community Health Advocate, Diabetes .....	M, S
Developmental Disabilities Specialist .....	CG, G
Diagnostic Medical Ultrasound Technology .....	GW
Direct Care Practice .....	M
EKG/Telemetry Technician .....	P
Health Information .....	P
Health Information Technology .....	P
Health Services Management .....	GW
Health Unit Coordinating .....	GW
Hospital Central Service .....	GW
Medical Assisting .....	P
Medical Billing .....	P
Medical Coding: Physician Based .....	P
Medical Front Office .....	P

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## AREAS/PROGRAM

## COLLEGES

### Allied Health (continued)

Medical Radiography .....	GW
Medical Transcription .....	GW
Nuclear Medicine Technology .....	GW
Patient Care Technician .....	P
Perioperative Nursing .....	GW
Phlebotomy .....	P
Physical Therapist Assisting .....	GW
Radiography .....	S
Respiratory Care .....	GW
Respiratory Care Technology .....	GW
Speech Language Pathology .....	S
Surgical Technician First Assistant .....	GW
Surgical Technology .....	GW

### Dental

AzDA Clinical Dental Assisting .....	R
Dental Assisting .....	P
Dental Hygiene .....	P, R
Dental Office Management .....	P

### Emergency Medical Technology

Advanced Emergency Medical Technology (Paramedic) .....	G, P, S
Basic Emergency Medical Technology .....	G, M, P, S
Emergency Communications and Deployment .....	P
Intermediate Emergency Medical Technology .....	G, M, P
<i>(See Allied Health section for additional information and related areas)</i>	
Paramedic .....	M

### Nursing

Nursing .....	G, GW, M, P, S
Nurse Assisting .....	G, GW, M, P, S
Fast Track Practical Nursing .....	GW
Practical Nursing .....	G, GW, M, P, S

## HOME ECONOMICS

### Early Childhood Education

Adolescent Studies .....	P
Child Care .....	M
Child Care Administration .....	P
Child Development .....	M
Classroom Management for Infants, Toddlers and Preschool Children .....	P
Early Childhood Development .....	S, SM
Early Childhood Education .....	PV, G
Early Childhood Small Business Management .....	S
Family Resources .....	P
Family Support .....	P
Infant/Toddler Development .....	S

### Education

Bilingual Teacher Aide .....	M, P
Teacher Assisting .....	M

## AREAS/PROGRAM

## COLLEGES

### Food and Nutrition

Commercial Food Preparation .....	P
Culinary Studies .....	P
Dietetic Technology .....	CG, PV
Food Service Administration .....	P
Professional Food and Beverage Service .....	P

### Home Economics

Fashion Design .....	P
Apparel Construction .....	P
Fashion Design Level I .....	P
Fashion Design Level II .....	P
Fashion Illustration Level I .....	P
Fashion Illustration Level II .....	P
Fashion Illustration Level III .....	P
Pattern Design Level I .....	P
Pattern Design Level II .....	P
Interior Design .....	M, P, S
Advanced Interior Design .....	M, P
Interior Design: Professional Level .....	S
Home Furnishings and Materials .....	G, M, P

### Merchandising

Apparel Merchandising .....	M
Fashion Merchandising .....	P

## SERVICE OCCUPATIONS

### Administration of Justice

Administration of Justice .....	G, M, P
Administration of Justice Comprehensive .....	P
Administration of Justice Fundamentals .....	P
Administration of Justice Studies .....	S
Adult Corrections .....	P
Advanced Corrections .....	R
Basic Corrections .....	R
Corrections .....	R
Correctional Program Officers Training .....	P
Correctional Service Office Training .....	P
Corrections Supervision/Management .....	P
Crime and Accident Scene Photography .....	P
Crime and Intelligence Analysis .....	CG
Crime Scene Technology .....	S
Detention Services .....	R
Evidence Technology .....	P
Fingerprint Classification and Identification .....	P
Judicial Studies .....	M
Justice Agencies Support .....	M, P
Justice Agencies Support Level I .....	M, P
Justice Agencies Support Level II .....	M, P
Justice Studies .....	S
Law Enforcement .....	S
Law Enforcement Investigator .....	G
Law Enforcement Supervision .....	S
Law Enforcement Technology .....	R
Law Enforcement Technology Field Training .....	R
Parole Officer Training .....	P
Peace Officer Certification I - Limited Reserve Officer .....	M
Peace Officer Certification II - Full Authority Peace Officer .....	M
Police Academy .....	G

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<u>AREAS/PROGRAM</u>	<u>COLLEGES</u>	<u>AREAS/PROGRAM</u>	<u>COLLEGES</u>
<b>Administration of Justice (continued)</b>		<b>Social Sciences</b>	
Police Academy Preparation.....	G	Aerobics Instructor .....	G
Police Academy Preparation Level I .....	S	Chemical Dependency.....	R
Police Science .....	G, M, S	Chemical Dependency Level I.....	R
Police Science I .....	G, M	Chemical Dependency Level II .....	R
Police Science II.....	G, M	Interpreter Preparation .....	P
Police Science III .....	G, M, S	Personal Trainer .....	G
Police Supervision .....	G	Sign Language Communication Pre-Employment .....	P
Public Safety Technology.....	R		
Tribal Court Advocacy .....	P	<b>Social Services</b>	
Tribal Court Advocacy I .....	P	Advanced Aging Services Management and	
Tribal Court Advocacy II .....	P	Administrative Training .....	P
		Aging Services Management and Administrative Training ....	P
<b>Fire Science</b>		Assisted Living: Directed Care Services .....	P
Basic Firefighter.....	M	Assisted Living: Management .....	P
Driver Operator .....	M	Assisted Living: Medications for Personal Care Services ....	P
Fire Academy.....	G, S	Assisted Living: Personal Care Services.....	P
Fire Officer I .....	M	Assisted Living: Supervisory Care Services .....	P
Fire Science.....	G, P	Gerontology .....	P
Fire Science Technology.....	G, M, S, R	Human Services.....	G
Recruit Firefighters.....	G		
		<b>TECHNOLOGY AND TRADE INDUSTRIAL</b>	
<b>Hospitality</b>		<b>Air Conditioning and Refrigeration</b>	
Airline Operations.....	R	Commercial-Industrial Air Conditioning/Facilities .....	GW
Airline Operations: Reservations .....	R	Industrial Refrigeration .....	GW
Airline Operations: Passenger Services .....	R	Residential and Light Commercial Air Conditioning	
Airline Operations: Vacations.....	R	and Refrigeration .....	GW
Airline Operations: Initial Flight Attendant.....	R		
Airline Operations: Ground Operations .....	R	<b>Apprenticeship Related Instruction</b>	
Culinary Arts.....	S	Carpentry .....	GW
Hospitality/Hotel Management .....	E	Construction Management .....	GW
Hospitality and Tourism/Golf Management .....	S	Construction Trades: Carpentry .....	GW
Hospitality and Tourism/Hotel Management .....	S	Construction Trades: Millwright .....	GW
Hospitality and Tourism/Restaurant Management .....	S	Construction Trades: Painting .....	GW
Travel Industry Technology .....	P	Construction Trades: Sheet Metal .....	GW
		Electricity .....	GW
<b>Library Media Technology</b>		Ironworking.....	GW
Books and Print Material.....	M	Millwright .....	GW
Information and Customer Service .....	M	Painting.....	GW
Library and Information Systems: Advanced.....	M	Pipefitter-Refrigeration .....	GW
Library and Information Technician: Basic .....	M	Plumbing.....	GW
Library and Information Systems .....	M	Roofing .....	GW
Media/Multi-media for Libraries .....	M	Sheet Metal .....	GW
On-Line and Electronic Resources.....	M	Steamfitting .....	GW
		<b>Aviation and Aeronautics</b>	
<b>Mortuary Science</b>		Aircraft Construction Technology .....	CG
Mortuary Science .....	M	Aircraft Maintenance Technology .....	CG
		Aircraft Maintenance Technology (Part 147).....	CG
<b>Parks, Recreation, Leisure &amp; Fitness Studies</b>		Airframe Maintenance (Part 147).....	CG
Recreational Resources and Facilities Management .....	P	Airway Science Technology, Flight Emphasis .....	CG
Rec Res and Fac Mgmt: Horticulture.....	P	Aviation Electronics Maintenance Technology .....	CG
Rec Res and Fac Mgmt: Equip Main & Repair .....	P	Avionics Technology.....	CG
Rec Res and Fac Mgmt: Pesticides.....	P	Composite Technology .....	CG
Rec Res and Fac Mgmt: Pro Shop Management .....	P	Flight Technology .....	CG
Rec Res and Fac Mgmt: Turf and Irrigation.....	P	Powerplant Maintenance (Part 147) .....	CG
		Sheet Metal Structures Technology .....	CG
<b>Health &amp; Physical Education/Fitness</b>			
Teaching, Healing Meditation & Stress Management .....	PV		
Therapeutic Massage.....	P		

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<b>Automotive Technology</b>		<b>Electronics/Electrical Technology (continued)</b>	
Air Conditioning .....	M	Electromechanical Automation Technology .....	M
Air Conditioning and Electrical Accessories .....	GW	Electromechanical Automation Technology I .....	M
Automotive Chassis .....	G	Electromechanical Automation Technology II .....	M
Automotive Drive Trains .....	GW	Electronic Industries Technology I .....	M
Automotive Electrical Systems .....	M	Electronics Engineering Technology .....	M
Automotive Engine Performance Diagnosis and Air Conditioning .....	G	Electronics Manufacturing Technology .....	G
Automotive Engines and Drive Trains .....	G	Electronics/Microprocessor Technology .....	M
Automotive Performance Technology .....	M	Electronics Technology .....	M
Automotive Suspension, Steering and Brakes .....	GW	Electronics Technology I .....	M
Automotive Technology .....	G, GW	Electronics Technology II .....	M
Brakes, Alignment, Suspension and Steering .....	M	Local Area Networks Servicing .....	G
Engine Performance and Diagnosis .....	GW, M	Telecommunications Technology .....	SM
Transmissions and Power Trains .....	M		
Tractor-Trailer Driving .....	G		
<b>Building and Construction</b>		<b>Environmental Technology</b>	
Building Safety Technology .....	S	Biotechnology .....	M
Building Safety and Construction Technology .....	P	Environmental Health and Safety Technology .....	PV
Building Planning & Safety Technology .....	S	Hydrologic Studies .....	GW
Planning and Development Technology .....	S	Occupational Safety and Health Technology .....	GW
		Safety, Health and Environmental Studies .....	PV
<b>Commercial Art/Advertising Art</b>		Wastewater Treatment .....	R
Computer Graphic Design .....	G, P	Water Distribution and Collection .....	R
Multimedia .....	G	Water and Industrial Wastewater Treatment Technology .....	GW
Multimedia Imaging & Animation .....	G	Water Purification Technology .....	GW
Multimedia Web Design .....	G	Water Treatment .....	R
		Water/Wastewater Technology .....	R
<b>Drafting Technology</b>		<b>Engineering</b>	
Applied Technology-Electro/Mechanical Drafting .....	M	Civil Engineering Technology .....	P
Applied Technology Manufacturing Semiconductor Processes .....	M	Engineering Technology .....	G
Architectural CAD Technology .....	G		
Architectural Drafting .....	P	<b>Manufacturing</b>	
Architectural Technology .....	S	Aerospace Manufacturing Technology .....	GW
Architecture .....	M	Applied Technology - Manufacturing Automation .....	M
CAD-Based Design Documentation .....	G	Applied Technology - Manufacturing CNC .....	M
Civil CAD Technology .....	G	Applied Technology - Manufacturing Machining .....	M
Computer-Aided Drafting .....	M, P	Applied Technology - Manufacturing Management .....	M
Construction Drafting Technology .....	M	Applied Technology - Manufacturing Quality Assurance .....	M
Construction Drafting I .....	M	Manufacturing Automation .....	M
Construction Drafting II .....	M	Manufacturing CNC .....	M
Construction Drafting III .....	M	Manufacturing Engineering Technology .....	M
Electro/Mechanical Drafting .....	M	Manufacturing Machining .....	M
Electromechanical Process Technology .....	M	Manufacturing Management .....	M
Manufacturing Design Technology .....	G	Manufacturing Quality Assurance .....	M
Manufacturing Semiconductor Processes .....	M	Manufacturing Technology .....	GW
Mechanical Drafting .....	M	Manufacturing Welding .....	M
Micro Circuit Mask Design .....	M	<i>(See Welding Technology section for additional information and related areas)</i>	
Microcomputer Servicing .....	G	<b>Machinist</b>	
Process Technology Level I .....	M	Machinist, Tool and Die .....	M
Process Technology Level II .....	M	Machinist, Tool and Die Level I .....	M
		Machinist, Tool and Die Level II .....	M
<b>Electronics/Electrical Technology</b>		<b>Welding Technology</b>	
Cable Telecommunications Installation .....	SM	Applied Technology - Welding .....	M
Cable Telecommunications Service .....	SM	Welding Certification .....	M
Computer and Networking Technology .....	G	<i>(See Manufacturing section for additional information and related areas)</i>	
Electric Utility Technology .....	S	Welding .....	P
Electrical Technology .....	GW		