

MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT OCCUPATIONAL PROGRAM MATRIX



CG = CHANDLER-GILBERT COMMUNITY COLLEGE

EM = ESTRELLA MOUNTAIN COMMUNITY COLLEGE

GC = GLENDALE COMMUNITY COLLEGE

GW = GATEWAY COMMUNITY COLLEGE

MC = MESA COMMUNITY COLLEGE

PC = PHOENIX COLLEGE

PV = PARADISE VALLEY COMMUNITY COLLEGE

RS = RIO SALADO COMMUNITY COLLEGE

SC = SCOTTSDALE COMMUNITY COLLEGE

SM = SOUTH MOUNTAIN COMMUNITY COLLEGE

MCCCD OCCUPATIONAL PROGRAMS

COLLEGES WHERE PROGRAMS ARE OFFERED:

CG	Chandler Gilbert Community College
PC	Phoenix College
EM	Estrella Mountain Community College
PV	Paradise Valley Community College
GC	Glendale Community College
RS	Rio Salado College
GW	GateWay Community College
SC	Scottsdale Community College
MC	Mesa Community College
SM	South Mountain Community College

AGRICULTURE

AGRIBUSINESS SALES AND SERVICE

Pest Management Aide	MC
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AGRICULTURAL PRODUCTION AND MANAGEMENT

Agribusiness <i>(See Agribusiness Sales and Service and Horticulture sections for additional programs and related areas)</i>	GC, MC
Ranch and Livestock Management Aide	MC
Ranch and Livestock Management Specialist	MC
Urban Horticulture <i>(See Horticulture section for additional programs and related areas)</i>	GC, MC

EQUINE TRAINING AND MANAGEMENT

Equine Science	SC
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HORTICULTURE

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

BUSINESS

ACCOUNTING

Accounting	PC
Accounting: Specialized Para-Professional	PV
Basic Accounting	SC
Bookkeeping/Accounting	GW
Microcomputer Accounting <i>(See Business Administration for additional information and related areas)</i>	GW, PC, PV
Paraprofessional Accounting	GC

BUSINESS ADMINISTRATION

Business	MC, SC
Business (Fastrack)	SC
General Business <i>(See Management and Finance section for additional information and related areas)</i>	CG, GC, GW, PC, PV
Import /Export Trade	GW, MC, PV

International Business GW, MC, PV, SC

COMPUTER SCIENCE

Computer Applications: Microsoft Office Specialist/Advanced	MC
Computer Applications: Microsoft Office Specialist/Basic	MC
Computer Applications Technology	EM
Computer Hardware & Desktop Support	CG, EM, GW, MC, PC, SC
Computer Information Systems	GC, GW, MC, PC, PV, SC, SM
Oracle Applications Developer	EM, GC
Oracle Database Operations	EM
Oracle Database Administration	EM, GC
Personal Computer Applications	SC
Web Design	GC, GW, PV
Web Design and Development	SC
Web Developer	EM, GC, GW, PC, PV
Computer Networking Technology	PV
Computer Systems Maintenance	PV
Computer Technology	EM, RS
Computer Usage & Applications	RS
Desktop Publishing	EM, RS
Network Professional	RS
Web Master	RS
Database Development	SC
Education Technology	GW
Geographic Information Systems	MC
Information Assurance	MC
Information Security Administration	CG, GW, EM, GC, SM
Information Security Technology	CG, GW, EM, GC, PC, SM
Information Security	CG, GW, EM, GC, PC, SM
Information Technology	CG, SM
Internet Design & Development	SM
Linux Associate	CG, EM, GC, GW, MC, SM
Linux Networking Admin.	CG, EM, GC, GW, MC, SM
Linux Professional	CG, EM, GC, GW, MC, PV, SM
Microcomputer Applications <i>(see Office Occupations sections for additional information and related areas)</i>	GC
Microcomputer Applications: Office Specialist/Core Level	CG
Microcomputer Applications: Office Specialist/Expert Level <i>(see Office Occupations sections for additional information and related areas)</i>	CG
Microcomputer Business Applications <i>(see Office Occupations sections for additional information and related areas)</i>	CG, GC
Microsoft Applications Development	PV
Microsoft Database Administration	CG
Microsoft Desktop Support Technology	PV

MCCCD OCCUPATIONAL PROGRAMS

Microsoft Networking Technology	CG, EM, GC, GW, PV, SC	JOURNALISM	
Microsoft Office Specialist	PV	Journalism	CG, GC, PC, PV, SC, SM
Microsoft Product Specialist	CG, EM, GC, GW PC, PV, SC, SM	MANAGEMENT	
Microsoft Applications Development	CG, GW, MC, PV, SC	Business Management	SM
Microsoft Systems Administration	CG, GC, EM, GW, PV, SC	Credit Union Management	PC
Microsoft Systems Engineer	CG, EM, GC, GW, PV, SC	General Business	GW, PC
Network Administration	SC	Management	PC, MC, SC
Network Administration: CISCO Network Assoc.	MC	Management I	PC
Network Administration: CISCO Network Prof.	MC	Management II	PC
Network Administration: Microsoft Windows NT	MC	Middle Management	GC, PV
Network Administration: Novell	MC	Public Administration	RS
Network Administration: UNIX-Solaris	MC	Public Administration: Legal Services	RS
Network Administration: Microsoft Windows 2000	MC	Public Relations	GC
Network Professional	RS	<i>(See Middle Management and Media Technology sections for additional programs and related areas)</i>	
Network Security	MC	Retail Management	CG, EM, GC, GW, MC, PC, PV, RS, SM
Network Support	SC	Small Business	MC
Networking	RS	Small Business Entrepreneurship	GC, SM
Networking Administration: Cisco	CG, EM, GC, GW, PC, SM	Small Business Management	EM
Networking System Administration	MC	Supervision	GC
Networking Tech: Cisco	CG, EM, GC, GW, SC, PC	Supervision & Management I	SM
Networking	RS	Supervision & Management II	SM
Oracle Database Administrator	GC, EM	Supply Chain & Operations Management	GW
Oracle Database Operations	CG, EM	Tribal Development	SC
Personal Computer Applications	SC	MARKETING	
Programming	RS	Marketing	MC, PC, SC
Programming Methodology	MC	Marketing I	PC
Programming & System Analysis	EM, GC, GW, MC, PC, PV, SC	Marketing II	PC
Software Development	SC	Salesmanship	MC
Technology Helpdesk Support	RS	MEDIA TECHNOLOGY	
Technology Troubleshooting and A+ Preparation	RS	Audio Production Technologies	GC, MC, PC, PV
Web Design	GC, GW, PV	Broadcast Production	SC
Web Design	SC	Digital Photography	PC
Web Designer	MC	Editing	SC
Web Designer Assistant	MC	Film Analysis and Criticism	SC
Web Developer	EM, GC, GW, MC, PC, PV	Film Production	SC
Web Development	SC	Maricopa Inst. for Arts & Entertainment Tech	SC
Web Master	RS	Media Arts: Computer Art/Illustration	CG, MC, PC, PV
Web Server Administrator	MC	Media Arts: Desktop Publishing	MC, PC
Web Technology	MC	Media Arts: Digital Animation	MC, PC
		Media Arts: Digital Imaging	CG, MC, PC
		Media Arts: Web Page Design	MC, PC
		Motion Picture/Television Production	SC
		Multimedia	GC
		Multimedia Imaging and Animation	GC
		Multimedia Web Design	GC
		Music Business	CG, GC, GW, MC, PC, PV, RS, SM
		Screenwriting	SC
		Video Production Technology	GC
FINANCE			
Banking & Finance	PC		
General Business - Insurance Level I	PC		
General Business - Insurance Level II	PC		
General Business - Insurance	PC		
Home Inspection: Basic Inspector	PC		
Home Inspection: Business Owner Operator Inspr	PC		
Real Estate	GC, MC, PC		

MCCCD OCCUPATIONAL PROGRAMS

MIDDLE MANAGEMENT

Middle Management	GC, PV
Public Relations	MC

(See Management and Media Technology sections for additional information and related areas)

MUSIC BUSINESS

Audio Production Technologies	GC, MC, PC, PV
Music Business	CG, GC, GW, MC, PC, PV, RS, SM

OFFICE OCCUPATIONS

Administrative Office Coordinator	GC
Administrative Office Professional	PV
Call Center Support	GC
Computer Application	PC
Customer Service Information Professional	PV
Data Entry Clerk	EM, GC
General Office Secretary	EM, GC
Legal Assisting	PC
Legal Secretarial	PC
Legal Office Support	PC
Medical Office Support	PC
Medical Office Support: Basic Clerical	PC
Medical Office Support: Basic Transcription	PC
Microsoft Office Specialist	PV
Office Automation Systems	GW, PV, SC, SM
Office Coordinator	GC
Office Fundamentals	SC
Office Software Application Specialist Level II	MC
Office Specialist: Computer Applications	GW
Office Support	PC
Office Support I	PC
Office Support II	PC
Realtime Reporting Scoping	GW
Realtime Reporting - Broadcast Captioning	GW
Realtime Reporting - CART	GW
Realtime Reporting - Judicial	GW
Receptionist	EM, GC
Scoping	GW
Word Processing	SC

TOTAL QUALITY MANAGEMENT

Organizational Leadership	CG, EM, GW, MC, PV, RS
Pharmacy Benefits Management: Customer Service	RS
Pharmacy: Customer Service	RS
Quality Customer Service	GW, MC, RS
Automobile Insurance: Customer Service	RS
Credit Card: Customer Service	RS
Credit Counseling: Customer Service	RS
Digital Telecommunications: Customer Service	RS
Human Services - Assistance: Customer Service	RS
Human Services - Long Term Care: Customer Service	RS
Human Services - Specialist: Customer Service	RS
Insurance-Customer Service	RS

Telecommunications - Customer Service	RS
Travel Agency: Customer Service	RS
Utilities Customer Service	RS
Quality Process Leadership	GW, MC, RS
Total Quality Management	EM

HEALTH OCCUPATIONS

ALLIED HEALTH

Advanced Behavioral Health Sciences/Recovery	SM
Advanced Behavioral Health Sciences	SM
Basic Behavioral Health	SM
Community Health Advocate, Diabetes	MC, SC
Developmental Disabilities Specialist	CG, GC
Diagnostic Medical Ultrasound Technology	GW
Direct Care Practice	MC
Electroneurodiagnostics	GW
Health Information	PC
Health Information Technology	PC
Health Services Management	GW
Health Unit Coordinating	GW
Histology Technician	PC
Hospital Central Service Technology	GW
Laboratory Assisting	PC
Medical Assisting	PC
Medical Billing	PC
Medical Coding: Hospital-Based	PC
Medical Coding: Physician Based	PC
Medical Front Office	PC
Medical Radiography	GW
Medical Transcription	GW
Nuclear Medicine Technology	GW
Patient Care Technician	PC
Perioperative Nursing	GW
Phlebotomy	PC
Physical Therapist Assisting	GW
Respiratory Care	GW
Surgical Technologist First Assisting	GW
Surgical Technology	GW

DENTAL

Clinical Dental Assisting	RS
Dental Assisting	PC
Dental Hygiene	PC, RS
Dental Office Management	PC

EMERGENCY MEDICAL TECHNOLOGY

Advanced Emergency Medical Technology (Paramedic)	GC, PC, SC
Basic Emergency Medical Technology	GC, MC, PC, PV, SC
Emergency Communications and Deployment	PC
Emergency Management	GC, GW, MC, PV, RS, SM
Intermediate Emergency Med. Technology	MC, PC

(See Allied Health section for additional information & related areas)

MCCCD OCCUPATIONAL PROGRAMS

Paramedicine	MC	Advanced Interior Design	MC, PC
Secondary Basic Emergency Medical Technology	PC	Home Furnishing and Materials	GC, MC, PC
NURSING		Interior Design: Professional Level	SC
Fast Track Practical Nursing	GW	MERCHANDISING	
Nurse Assisting	GC, GW, MC, PC, PV, SC	Apparel Merchandising	MC
Nursing	GC, GW, MC, PC, PV, SC	Fashion Merchandising	PC
Practical Nursing	GC, GW, MC, PC, PV, SC	SERVICE OCCUPATIONS	
HOME ECONOMICS		ADMINISTRATION OF JUSTICE	
EARLY CHILDHOOD EDUCATION		Administration of Justice	EM, GC, PC
Adolescent Studies	PC	Administration of Justice Comprehensive	PC
Child Care	MC	Administration of Justice Fundamentals	PC
Child Care Administration	PC	Administration of Justice Studies	CG, MC, SC
Child Development	MC	Advanced Corrections	RS
Classroom Management for Infants, Toddlers & Preschool	PC	Basic Corrections	RS
Early Childhood Development	SC, SM	Corrections	RS
Early Childhood Education	PV, GC	Crime and Accident Scene Photography	PC
Early Childhood Small Business Development	SC	Crime and Intelligence Analysis	CG
Family Resources	PC	Crime Scene Technology	SC
Family Support	PC	Cyber Forensics Technician	MC
Infant Toddler Development	SC	Detention Services	RS
EDUCATION		Evidence Technology	CG, PC
Instructional Assistance	MC, PC	Fingerprint Classification and Identification	PC
Bilingual Endorsement	MC, PC	Forensic Science: Crime Lab	SC
English as a Second Language (ESL) Endorsement	MC, PC	Homeland Security	CG
Reading Specialist Endorsement	MC, PC	Information Assurance	MC
Teacher Assisting	EM	Judicial Studies	MC
FAMILY & CONSUMER SCIENCE		Justice Agency Support	MC, PC
Nutrition for Fitness & Wellness	GC, MC	Justice Agency Support Level I	MC, PC
FOOD AND NUTRITION		Justice Agency Support Level II	MC, PC
Basic Culinary Studies	EM	Justice Studies	CG, SC
Commercial Food Preparation	PC	Law Enforcement	SC
Culinary Studies	EM, PC	Law Enforcement Field Training	RS
<i>(See Hospitality section for additional programs and related areas)</i>		Law Enforcement Investigator	GC
Dietetic Technology	CG, PV	Law Enforcement Technology	RS
Food Service Administration	PC	Law Enforcement Training Academy	GC
Professional Food and Beverage Service	PC	Police Academy Preparation Level I	SC
HOME ECONOMICS		Police Science	MC, SC
Fashion Design	PC	Police Science I	MC
Apparel Construction	PC	Police Science II	MC
Fashion Design Level I	PC	Police Science III	MC, SC
Fashion Design Level II	PC	Police Supervision	GC
Fashion Illustration Level I	PC	Public Safety Technology	RS
Fashion Illustration Level II	PC	Tribal Court Advocacy	PC
Fashion Illustration Level III	PC	Tribal Court Advocacy I	PC
Pattern Design Level I	PC	Tribal Court Advocacy II	PC
Pattern Design Level II	PC	FIRE SCIENCE	
Interior Design	MC, PC, SC	Basic Firefighter	MC, PV
		Driver Operator	MC
		Fire Academy	GC, SC
		Emergency Management	CG, GC, GW, MC, PV, SM
		Fire Academy	GC, SC

MCCCD OCCUPATIONAL PROGRAMS

Fire Officer I	MC		
Fire Science	GC, PC, RS		
Fire Science Technology	GC, MC, PV, SC		
Recruit Firefighters	GC		
HOSPITALITY			
Advanced Professional Culinary Arts	SC		
Airline Operations	RS		
Airline Operations: Ground Operations	RS		
Airline Operations: Initial Flight Attendant	RS		
Airline Operations: Passenger Services	RS		
Airline Operations: Vacations	RS		
Culinary Arts	SC		
<i>(See Food & Nutrition section for additional programs and related areas.)</i>			
Hospitality/Hotel Management	EM		
Hospitality & Tourism/Golf Management	SC		
Hospitality & Tourism/Hotel Management	SC		
Hospitality & Tourism/Restaurant Management	SC		
LIBRARY MEDIA TECHNOLOGY			
Library Information Technician	MC		
Library Information Technician: Advanced	MC		
Library Information Technician: Basic	MC		
MORTUARY SCIENCE			
Mortuary Science	MC		
MUSIC			
Audio Production Technologies	GC, MC, PC, PV		
Dance Technology	SC		
Music Business	CG, GC, GW, MC, PC, PV		
PARKS, RECREATION, LEISURE & FITNESS STUDIES			
Recreational Resources and Facilities Management	PC		
Rec Res & Fac Mgt: Equip Maint./Repair	PC		
Rec Res & Fac Mgmt: Horticulture	PC		
Rec Res & Fac Mgmt: Pesticides	PC		
Rec Res & Fac Mgmt: Pro Shop Management	PC		
Rec Res & Fac Mgmt: Turf and Irrigation	PC		
HEALTH & PHYSICAL EDUCATION/FITNESS			
Group Fitness Instructor	GC		
Personal Trainer	GC		
Strength & Conditioning Personal Training	PV		
Teaching Healing, Meditation & Stress Management	PV		
Therapeutic Massage	CG, PC		
SOCIAL SCIENCES			
Chemical Dependency	RS		
Chemical Dependency Level I	RS		
Chemical Dependency Level II	RS		
Clinical Research Coordinating	GW		
Deaf Studies	PC		
Interpreter Preparation	MC, PC		
Professional Addictions Counseling	RS		
SOCIAL SERVICES			
Assisted Living: Directed Care Services	PC		
Assisted Living: Management	PC		
Assisted Living: Personal Care Services	PC		
Assisted Living: Personal Care Svcs for Certified Nursing Assistants	PC		
Assisted Living: Supervisory Care Services	PC		
Fiduciary Practices	PC		
Gerontology	PC		
Gerontology: Aging Services Management	PC		
Gerontology: Eldercare	PC		
Gerontology: Foundations	PC		
Gerontology: Generalist	PC		
Gerontology: Program Development	PC		
Human Services	GC		
TECHNOLOGY AND TRADE INDUSTRIAL			
AIR CONDITIONING AND REFRIGERATION			
Air Conditioning/Refridgeration/Facilities	GW		
APPRENTICESHIP RELATED INSTRUCTION			
Bricklaying	GW		
Carpentry	GW		
Construction Trades: Carpentry	GW		
Construction Trades: Millwright	GW		
Construction Trades: Sheet Metal	GW		
Electricity	GW		
Ironworking	GW		
Millwright	GW		
Painting	GW		
Plumbing	GW		
Power Plant Technology	GW, EM, GC		
Roofing	GW		
Sheet Metal	GW		
Steamfitting	GW		
AUTOMOTIVE TECHNOLOGY			
Air Conditioning	MC		
Air Conditioning and Electrical Accessories	GW		
Automotive Chassis	GC		
Automotive Drive Trains	GW		
Automotive Electrical Systems	MC		
Automotive Engines and Drive Trains	GC		
Automotive Enging Perf. Diagnosis & Air Cond.	GC		
Automotive Performance Technology	MC		
Automotive Suspension, Steering and Brakes	GW		
Automotive Technology	GC, GW		
Brakes, Alignment, Suspension and Steering	MC		
Engine Performance and Diagnosis	GW, MC		
Transmissions and Power Trains	MC		
AVIATION AND AERONAUTICS			
Aircraft Construction Technology	CG		
Aircraft Maintenance Technology	CG		

MCCCD OCCUPATIONAL PROGRAMS

Aircraft Maintenance Technology (Part 147)	CG	Electronics Engineering Technology	GC, MC
Airframe Maintenance (Part 147)	CG	Electronics Manufacturing Technology	GC
Airway Science Technology, Flight Emphasis	CG	Electronics Technology	MC
Aviation Electronics Maintenance Technology	CG	Electronics Technology I	MC
Avionics Technology	CG	Electronics Technology II	MC
Composite Technology	CG	General Telecommunications	SM
Flight Technology	CG	Industrial Operations	EM, GW
Powerplant Maintenance (Part 147)	CG	Local Area Networks Servicing	GC
Sheet Metal Structures Technology	CG	Telecommunications Technology	SM
BUILDING AND CONSTRUCTION		ENVIRONMENTAL TECHNOLOGY	
Building Safety & Construction Technology	PC	Biotechnology	MC
Building Safety & Planning Technology	SC	Biotechnology and Molecular Biosciences	GC
Building Safety Technology	SC	Hydrologic Studies	GW
Carpentry	GW	Occupational Safety and Health Technology	GW
Civil Engineering Technology	PC	Wastewater Treatment	RS
Construction Management	GW, PC	Water Distribution and Collection	RS
Home Improvement Retail Operations: Flooring	GW	Water Purification Technology	GW
Home Improvement Retail Operations: Kitchens	GW	Water Technologies	GW
Home Improvement Retail Operations: Millworks	GW	Water Treatment	RS
Planning and Development Technology	SC		
COMMERCIAL ART/ADVERTISING ART		ENGINEERING	
Computer Graphic Design	GC, PC	Civil Engineering Technology	PC
<i>(See Media Technology section for additional programs and related areas)</i>		Surveying Technology	PC
DRAFTING TECHNOLOGY		MANUFACTURING	
Architectural CAD Technology	GC	Aerospace Manufacturing Technology	GW
Architectural Drafting	PC	Manufacturing CNC	MC
Architectural Technology	SC	Manufacturing Engineering Technology	MC
Architecture	MC	Manufacturing Machining	MC
CAD-Based Design Documentation	GC	Manufacturing Management	MC
Civil CAD Technology	GC	Manufacturing Productivity	MC
Computer Aided Drafting	MC, PC	Manufacturing Technology	GW
Construction Drafting I	MC	Manufacturing Welding	MC
Construction Drafting II	MC	<i>(See Welding Technology section for additional information and related areas)</i>	
Construction Drafting III	MC	MACHINIST	
Construction Drafting Technology	MC	Machinist, Tool and Die	MC
Manufacturing Design Technology	GC	Machinist, Tool and Die Level I	MC
Mechanical Drafting	MC	Machinist, Tool and Die Level II	MC
Micro Circuit Mask Design	MC	Tractor-Trailer Driving	GC
Microcomputer Servicing	GC	WELDING TECHNOLOGY	
Process Technology Level I	MC	Welding	PC
Process Technology Level II	MC	Welding Certification	MC
		Welding Technology	MC
ELECTRONICS/ELECTRICAL TECHNOLOGY		<i>(See Manufacturing section for additional information & related areas)</i>	
Cable Telecommunications	SM		
Computer & Networking Technology	GC		
Electric Utility Technology	CG		
Electrical Technology	GW		
Electromechanical Automation Technology	MC		
Electromechanical Automation Technology I	MC		
Electromechanical Automation Technology II	MC		

MCCCD OCCUPATIONAL PROGRAMS

MARICOPA SKILL CENTER CERTIFICATES

The Maricopa Skill Center (MSC), a division of Gateway Community College, offers entry-level courses and programs for hands-on job training.

Located at 1245 E. Buckeye Road, Phoenix, the more than 150 non-credit Maricopa Skill Center certificates are open-entry / open exit, and self-paced (with the exception of nursing).

- Accounting
- Administrative Assistant
- AutoBody
- Banking / Retail
- Computer Aided Drafting
- Customer Service
- Facilities Maintenance
- Graphic Communications
- Health Care Services
- Information Processor
- Introduction to Culinary Arts
- Machine Trades
- Meat Cutting
- Printing Trades
- Repair Networking
- Specialized Individual Courses
- Travel
- Welding

SOUTHWEST SKILL CENTER AT EMCC CERTIFICATES

The Southwest Skill Center at Estrella Mountain Community College, located at 3000 North Dysart Rd., Avondale, offers entry-level courses and programs for hands-on job training at 1245 E. Buckeye Road, Phoenix.. The non-credit Southwest Skill Center certificates are open-entry/open-exit, and self-paced (with the exception of nursing).

Business Technology Occupation (Certificate Programs)

- Data Entry Clerk
- File Clerk
- Introduction to Computers
- Introduction to Computer Skills
- Introduction to Internet
- Introduction to Windows 98
- Microsoft Office Suite
- Office Assistant
- Office Clerk
- Receptionist

Medical Assitant (Certificate Programs)

- Medical Assistant Front Office/Back Office
- Medical Assistant Front Office
- Medical Assistant Back Office

C-Tech

- Copper-Based Fiber Optics Cabling