AREAS / PROGRAM   **INSTITUTION**

DESCRIPTION

The Maricopa County Community College Occupational Program Matrix identifies all programs currently available for offering within the 10 community colleges and two skill centers of the district. The programs are grouped under broad occupational areas as requested by the colleges. For specific information regarding individual programs, contact the college(s) listed as participating institutions.

Agriculture, Food, and Natural Resources

Equine Science	SC
Environmental and Natural Resource Conservation	PC
Environmental and Natural Resource Sustainability	PC
Equine Science	SC
Landscape Aide	MC
Landscape Specialist	MC
Sustainable Agriculture	MC
Urban Horticulture	MC
Veterinary Technology/Animal Health	MC

Architecture and Construction

Air Conditioning/Refrigeration/Facilities	GW
Architecture	MC
Architectural CADD Level III	MC
Architectural Detailing CADD Level III	MC
Architectural Technology	SC
Building Inspection	MC
Construction Trades: Carpentry	GW
Construction Trades: Construction Management	GW

AREAS / PROGRAM   **INSTITUTION**

Construction Trades: Millwrighting	GW
Construction Trades: Painting and Drywalling	GW
Construction Trades: Pre-Apprenticeship	GW
Construction Trades: Electricity	GW
Construction Trades: Heat and Frost Insulation	GW
Construction Trades: Ironworking	GW
Construction Trades – Mechanical Trades: Plumbing	GW
Construction Trades – Mechanical Trades: Pipefitting	GW
Construction Trades – Mechanical Trades: Sheet Metal	GW
Construction Trades: General Construction Worker	GW
Computer Aided Drafting	MC
Computer Aided Design and Drafting CADD Level I	MC
Commercial Drafting CADD Level II	MC
Construction	MC
Construction Drafting CADD Level III	MC
Construction Trades: Heavy Equipment Operations	GW
Home Inspection	MC
Mechanical Drafting	MC
Power Plant Technology	EM
Plan Review	MC
Pre-Contractor Licensing	MC
Residential and Light Commercial Air Conditioning	GW
Residential Drafting CADD Level II	MC
Survey and Civil Drafting - CADD Level II	MC

AREAS / PROGRAM   INSTITUTION

Workforce Development: Carpentry Level I	RS
Workforce Development: Carpentry Level II	RS
Workforce Development: Furniture Construction/Refinishing Level I	RS
Workforce Development: Furniture Construction/Refinishing Level II	RS

Art, A/V Technology, and Communication

Adolescent Development	GC, RS
Adult Development and Aging	GC, RS
Alteration Specialist	MC
Apparel Construction	PC
Audio Production Technologies	GC, MC, PC, PV, SC
Beginning Piano Pedagogy	MC
Intermediate Piano Pedagogy	MC
Costume Design and Production	MC
Costuming	PC
Computer Graphic Design	PC
Dance Technology	SC
Disc Jockey Techniques	MC, SC
Digital Media Arts	GC
Family Life Education	GC, RS
Fashion Design	PC
Fashion Design Level I	PC
Fashion Design Level II	PC
Fashion Illustration	PC
Fashion Merchandising	PC

AREAS / PROGRAM   **INSTITUTION**

Program	Institution
Fashion Merchandising & Design	MC
Fashion Design Entrepreneurship	PC
Graphic Design: Visual Communication	SC
Interior Merchandising	MC, PC, EM
Interior Design	MC, PC, SC
Interior Design: Advanced	MC
Image Consultant	MC
Journalism and New Media Studies	GC, PV, MC, SC
Music Business	CG, GC, MC, PC, PV, SC, SM
Photography	GC, PC
Parent Education	GC, RS
Pattern Design Level I	PC
Pattern Design Level II	PC
Textile and Apparel: Fashion Computer-Assisted Design (CAD) Technician	MC
Textile and Apparel: Fashion Illustration Specialist	MC
Textile and Apparel: Industrial Sewing Technician	MC
Textile and Apparel: Product Development	MC
Workforce Development: Graphic Arts Level I	RS
Workforce Development: Graphic Arts Level II	RS

AREAS / PROGRAM   **INSTITUTION**

Business, Management, and Administration

Program	Institution
Accounting	GC, PC, GW, RS, SM, CG, EM
Accounting – Specialized Para-Professional	PV
Accounting Paraprofessional	GC
Administrative Professional	PV
Administrative Technology	GW
Administrative Professional	PC, MC
Automobile Insurance: Customer Service	RS
Automobile Insurance Claims: Customer Service	RS
Broadband Telecommunications: Account Services	RS
Broadband Telecommunications	RS
Broadband Telecommunications: Field Operation	RS
Broadband Telecommunications: Technical Support Services	RS
Bookkeeping	SC
Business	MC, SC
Business (Fastrack)	SC
Business Management	SM
Business Technology Specialist	GW
Business Office Assistant	GC
Computer Applications	PC
Court Reporting: Judicial	GW
Credit Counseling: Customer Service	RS
Customer Service Management	EM

AREAS / PROGRAM   INSTITUTION

AREAS / PROGRAM	INSTITUTION
Entrepreneurial Studies Level I	GW, MC, PV, RS, SM
Entrepreneurial Studies Level II	GW, MC, PV, RS, SM
General Business	CG, GC, MC, PC, RS, SC, SM
General Business Specialized	PV
Human Resources Management	PC
Human Services-Assistance: Public Assistance Eligibility	RS
Human Services-Specialist: Customer Service	RS
Human Services - Unemployment Insurance: Customer Service	RS
Insurance Studies	GC, MC, RS
International Business	PV
International Trade	MC
Management	PC, MC, PV
Middle Management	GC, PV
Military Leadership	RS
Motor Vehicle: Customer Service	RS
Office Technology	GW
Organizational Leadership	CG, GC, EM, GW, MC, PV, RS
Organizational Management	CG, GC, EM, GW, MC, RS
Pharmacy: Customer Service	SM
Paralegal Studies	PC
Project Management	MC
Quality Customer Service	RS

AREAS / PROGRAM   **INSTITUTION**

Program	Institution
Realtime Reporting Scoping	GW
Public Relations	MC, GC
Retail Management	CG, GC, GW, MC, PC, RS, SM, SC
Retail Sales Manager	MC
Retail Pharmacy: Customer Service	RS
Small Business	MC
Small Business Entrepreneurship	GC, SM, GW
Small Business Management	EM, GW
Small Business Start-Up	CG, MC, PC, PV, RS, SM
Sports Management	PV, SC
Social Media Marketing	CG, MC, SC, SM
Supervision and Management I	SM
Supervision and Management II	SM
Supervision	GC
Technology Support Analyst	MC
Utilities Customer Service	RS
Water Services: Customer Service	RS

Education and Training

Program	Institution
Adult Learning and Development	RS
Adult Learning and Coaching Development	RS
Bilingual Education/Dual Language Immersion (BE/DLI)	MC

AREAS / PROGRAM   **INSTITUTION**

Program	Institution
Child and Family Organizations Management and Administration	GC, RS
Child Development Associate (CDA) Preparation	GC, PVC, SM, EM
Curriculum for Young Children	PC
Early Care Specialist	MC
Early Childhood Development	SM
Early Childhood Education and Administration: Birth through Age Five	PC
Early Childhood Classroom Management	PC
Early Childhood Education	PV, GC, EM
Early Childhood Administration and Management	GC, RSC
Early Learning and Development	CG, MC, RS, SM
Family Child Care Management	RS, SM
Foundations of Student Services	EM
Gifted Education	EM
Instructional Assistance	MC, SM
Infant and Toddler Development	RS, SM
Reading Specialist	MC
Workforce Development and Community Re-Entry	RS

Environmental Technology

Program	Institution
Environmental Science Technology	GW
Energy Systems Technology	RS
Geospatial Technologies	MC
Occupational Safety and Health Technology	GW
Safety, Health and Environmental Studies	PV

AREAS / PROGRAM   **INSTITUTION**

Wastewater Treatment	GW
Water Resources Technologies	GW
Water Treatment	GW

Finance

Banking and Finance	PC
Bank Account Management: Customer Service	RS
Certified Residential Appraiser	MC
Licensed Real Estate Appraiser	MC
Real Estate	PC
Real Estate: Prelicense	MC, SM
Residential Appraisal Trainee	MC

Government and Public Administration

Public Administration	RS
Public Administration: Legal Services	RS
Tribal Development	SC

Health Science

Advanced Behavioral Health Sciences	GC, SM
Advanced Emergency Medical Technology (Paramedic)	PC, PV
Basic Behavioral Health	GC, SM
Computed Tomography	GW

AREAS / PROGRAM INSTITUTION

AREAS / PROGRAM	INSTITUTION
Community Emergency Response Team (CERT): Level I	PC
Clinical Dental Assisting	RS
Community Dental Health Coordination	RS
Developmental Disabilities Specialist	GC
Diagnostic Medical Sonography	GW
Dental Assisting	PC
Dental Hygiene	PC, RS, MC
Dental Assisting Technology	RS
Diagnostic Medical Sonography: Vascular Technology	GW
Electroneurodiagnostic (END) Technology	GW
Emergency Communications and Deployment	PC
Fast Track Practical Nursing	GW
Health Care Insurance	RS
Healthcare Regulatory Compliance	GW
Health Information: Long Term Care Settings	PC
Health Information Technology	PC
Health Services Management	GW
Health Unit Coordinating/Patient Care Associate	GW
Histologic Technology	PC
Hospital Central Service Technology	GW
Laboratory Assisting	PC
Magnetic Resonance Imaging	GW
Medical Laboratory Sciences	PC
Medical Assisting	PC
Medical Coding: Hospital-Based	PC

Medical Billing and Coding: Physician-Based	PC
Medical Radiography	GW
Nursing	CG, EM, GC, GW, MC, PC, PV, SC
Nurse Assisting	GW, MC, PC, PV, EM
Nursing Refresher	GW, MC
Phlebotomy	PC, SM
Physical Therapist Assisting	GW
Polysomnographic Technology	GW
Practical Nursing	CG, GC, GW, MC, PV, SC, EM
Recovery Support	SM
Respiratory Care	GW
Speech Language Pathology Assistant	EM
Surgical Technology	GW
Surgical Technology for the Operating Room Nurse	GW

Hospitality and Tourism

Airline Operations	RS
Airline Operations: Ground Operations	RS
Airline Operations: Passenger Services	RS
Airline Operations: Reservations and Ticketing Services	RS
Baking and Pastry	EM, PC
Culinary Principles	EM
Commercial Food Preparation	PC

AREAS / PROGRAM   **INSTITUTION**

Program	Institution
Commercial Bakery and Pastry Arts	SC
Culinary Arts	SC
Culinary Studies	EM, PC
Culinary Fundamentals	SC, SM
Dietetic Technology	CG, PV
Food Service Administration	PC
Hospitality and Tourism/Golf Management	SC
Hospitality and Tourism/Hotel Management	SC
Hospitality and Tourism/Restaurant Management	SC
Hospitality and Tourism/Spa and Wellness Center Management	SC
Hospitality/Hotel Management	EM
Hospitality and Tourism/Tourism Development and Management	SC
Sustainable Food Systems	MC, RS

Human Services

Program	Institution
Addictions and Substance Use Disorders Level I	RS
Addictions and Substance Use Disorders Level II	RS
Addictions and Substance Use Disorders	RS
Adolescent Studies	PC
Deaf Studies	PC
Exercise Science and Personal Training	CG, GC, MC, PV, SC, SM
Family Development	PC
Family Support	PC

AREAS / PROGRAM   **INSTITUTION**

Group Fitness Instructor	MC
Interpreter Preparation	PC
Nutrition for Fitness and Wellness	GC, MC, SC
Personal Trainer	GC, MC
Professional Addictions Counseling	RS
Personal Training Specialist	CG, GC, MC, PV, SC, SM
Recreation Management	MC, SC
Teaching, Healing, Meditation for Stress Management	PV
Massage Therapy	CG, PC
Yoga Instruction	SC
Yoga Therapy	SC

Information Technology

Advanced Computer Usage and Applications	RS
Advanced Web Designer	MC
Applications in Geospatial Technologies	MC
Adobe Foundations	GC, MC, SM, PV
Adobe Creative Suite in Business: Master Suite Applications Specialist	MC
Adobe Creative Suite in Business: Print and Web Applications Specialist	MC, PV
Adobe Creative Suite in Business: Production Applications Specialist	MC, SM
Business Office Computer Applications	GC
Production Television	SC
Comic and Sequential Art	PC
Computer Applications Technology	EM

AREAS / PROGRAM   INSTITUTION

AREAS / PROGRAM	INSTITUTION
Computer Applications: Microsoft Office Specialist/Advanced	MC
Computer Applications: Microsoft Office Specialist/Basic	MC
Computer Hardware and Desktop Support	CG, EM
Computer Hardware and Network Support	SC
Computer Information Systems	GC, GW, PC, PV
Computer Information Systems Technologies	SC
Computer Information Technology	PV
Computer Networking Technology	PV
Computer Programming	MC
Computer Systems Maintenance	PV
Computer Technology	RS
Computer Usage and Applications	RS
Computer and Information Technologies	SM
Computer Applications: Office Specialist/Core Level	CG
Computer Applications: Office Specialist/Expert Level	CG
Computer Business Applications	CG
Digital Arts	MC
Digital Design	RS
Digital Photography	PC
Digital Arts: Digital Illustration	MC
Digital Arts: Digital Photography	MC
Digital Arts: Graphic Design	MC
Database Development	SC
Desktop Publishing	EM
Digital Cinema Arts	GC

AREAS / PROGRAM   **INSTITUTION**

Program	Institution
Editing	SC
eLearning Design Specialist	RS
Production Film	SC
Game Technology	MC, GC
Heathcare Technology Systems	GC, PV
Information Security	GC
Information Security Technology	GC
Information Technology	CG
Information Technology: Android/iOS Programming	SM
Information Technology: Programming and Mobile Development	SM
Information Technology: Web and Graphic Design	SM, EM
Information Technology: Cisco Networking	SM, MC
Information Technology: Computer Applications Specialist	SM
Information Technology: Microsoft Programming	SM
Information Technology: Network Server	SM
Information Technology: Network Security	SM
Information Technology Support	SM
IT and Power Systems Security	EM
Linux Associate	CG, EM, MC
Linux Networking Administration	EM, GC, MC
Linux Professional	CG, EM, GC, GW, PC, SC, SM, MC, PV
Microsoft Desktop Support Technology	EM, GC, PV
Microsoft Networking Technology	EM, GC, GW, PV
Microsoft Technical Specialist	EM, GW, PV

AREAS / PROGRAM   INSTITUTION

Program	Institution
Microsoft Server Administration	EM, GC
Microsoft Certified Information Technology Professional (MCITP) Administrator	EM, GW
Mobile Apps Programming	EM, PV, RS, SM
Multimedia and Business Technology	MC
Media Arts: Computer Art/Illustration	CG, PC
Media Arts: Digital Animation	PC
Media Arts: Digital Imaging	CG, PC
Media Arts: Web Design	PC
Motion Picture/Television Production	SC
Multimedia Technology	MC
Network Administration	SC
Network Administration: CISCO Network Professional	MC, SM
Network Administration: Microsoft Windows Server	CG, GW, MC, SM
Networking: Design and System Support	RS
Networking Administration: Cisco	CG, EM, GC, GW, SM, MC
Networking System Administration	MC
Networking Technology: Cisco	CG, EM, GC, GW
Oracle Database Operations	CG
Programming	RS, EM, SM
Programming and System Analysis	CG, EM, GC, MC,PC, PV, SC, SC
Software Development	SC
Screenwriting	SC
Technical Theatre	PC, SCC
Web Application Development	SM

AREAS / PROGRAM   **INSTITUTION**

Program	Institution
Web Design	GC, PV, EM, PC, CG, SM
Web Design Technologies	SC
Web Design: User Interface	RS
Web Designer	MC
Web Developer	GC, MC, PC, PV, EM
Web Development	SC
Web Server Administrator	MC

Manufacturing

Program	Institution
Automation Technology	MC
Automation Technology Level I	MC
Automation Technology Level II	MC
Automation Technology Level III	MC
Applied Electrical Technologies	RS
Lineman Technology Level I	RS
Lineman Technology Level II	RS
Lineman Technology Level III	RS
Lineman Technology Level IV	RS
CAD Technology	GC
CAD Fundamental	GC
CAD/CAM/CNC I	MC
CAD/CAM/CNC II	MC
CAD/CAM/CNC III	MC
CAD Application	GC

AREAS / PROGRAM   **INSTITUTION**

Program	Institution
Computer and Networking Technology	GC
Electro/Mechanical Drafting	MC
Electromechanical Manufacturing Technology	MC
Electric Utility Technology	CG
Electric Utility Design Technology	CG
Electrical Technology	GW
Electromechanical Automation Technology	MC
Electronics Engineering Technology	MC
Electronics Technology	MC
Industrial Design Technology	GW
Industrial Design Technology: Design Specialist: SolidWorks	GW
Machining I	MC
Machining II	MC
Manufacturing Engineering Technology	MC
Manufacturing Management	MC
Manufacturing Welding	MC
Micro Circuit Mask Design	MC
Meter Technology	CG
Network Maintenance	GC
Production Technology	GW
Production Technology: CNC Technology	GW
Production Technology: Quality Assurance	GW
Workforce Development: Electrical Level I	RS
Workforce Development: Electrical Level II	RS
Welding	MC

Marketing, Sales, and Service

Marketing	PC, PV, SC
Salesmanship	MC

Law, Public Safety, Corrections, and Security

Administration of Justice	EM, GC, PC, PV, RS
Administration of Justice-Comprehensive	PC
Administration of Justice-Fundamentals	PC
Administration of Justice Studies	CG, MC, SC, GW
Advanced Corrections	RS
Basic Corrections	RS
Corrections	RS
Correctional Studies	CG
Crime and Accident Scene Photography	PC, SC
Crime Scene Investigation	SC, PC
Crime Scene Technology	SC, PC
Detention Services	RS
Domestic Preparedness and Homeland Security	PC
Driver Operator	GC, EM, MC, PC, PV
Evidence Technology	PC
Evidence Technology	EM
Emergency Medical Technology	CG, GC, MC, PC, PV, SC

AREAS / PROGRAM   **INSTITUTION**

AREAS / PROGRAM	INSTITUTION
Emergency Management	MC, PV
Emergency Response and Operations	EM, GC, MC, PC, PV, SC
Fire Academy	GC, SC
Fire Officer Leadership	MC, EM, GC, PC, PV
Fire Science	PV, EM, MC
Firefighter Operations	GC, MC, PC, PV, EM
Fingerprint Classification and Identification	PC, SC
Forensic Investigation	MC
Forensic Technology	PC
Forensic Science: Crime Lab	SC
Fire Investigation	EM, GC, MC, PC, PV
Global Citizenship	MC
Homeland Security	CG, GW
Hazardous Materials Response	PC
Judicial Studies	MC
Justice Studies	CG, SC, EM
Juvenile Corrections	RS
Law Enforcement Investigator	GC
Law Enforcement Technology Academy	RS
Law Enforcement	SC
Law Enforcement Training Academy	GC, CG
Legal Studies	MC
Paralegal	RS
Paramedicine	GC, PC, PV, MC

AREAS / PROGRAM   **INSTITUTION**

Police Academy Preparation Level I	SC
Police Science	MC
Public Safety Technology	RS
Tribal Court Advocacy	SC
Victimology	MC

Science, Technology, Engineering and Mathematics

Aircraft Maintenance Technology	CG
Aircraft Maintenance Technology (Part 147)	CG
Airframe Maintenance (Part 147)	CG
Airway Science Technology, Flight Emphasis	CG
Biotechnology	MC
Biotechnology and Molecular Biosciences	GC
Certified Flight Instructor Instrument Airplane Rating	CG
Engineering Technology	GC, CG, EM, SM
Flight Technology	CG
Powerplant Maintenance (Part 147)	CG
Nanotechnology	RS

Transportation, Distribution, and Logistics

Air Conditioning and Electrical Accessories	GW
Air Conditioning	MC
Automotive Chassis	GC
Automotive Drive Trains	GW

AREAS / PROGRAM   **INSTITUTION**

Automotive Electrical Systems	MC
Automotive Engines and Drive Trains	GC
Automotive Engine Performance Diagnosis & Air Conditioning	GC
Automotive Performance Technology	MC
Automotive Suspension, Steering and Brakes	GW
Automotive Technology	GC, GW
Automotive Maintenance and Light Repair	GC
Automotive Engine Performance	GC
Automotive Heating, Ventilation and Air Conditioning (HVAC)	GC
Automotive Technology	GC
Brakes, Alignment, Suspension and Steering	MC
Engine Performance and Diagnosis	GW, MC
Transmissions and Power Trains	MC
Workforce Development: Automotive Technology Level I	RS
Workforce Development: Automotive Technology Level II	RS