



**MARICOPA**  
COMMUNITY COLLEGES

# Dual Enrollment Course Catalog

Effective Spring 2020-2021

Course	Course Title	Course Type
AAA 115	<a href="#">Creating College Success</a>	Academic
ABA 101	<a href="#">Hand and Power Tools</a>	Occupational
ABA 106	<a href="#">Introduction to Materials Handling</a>	Occupational
ABA 120	<a href="#">Carpentry Fundamentals</a>	Occupational
ABC 118	<a href="#">OSHA Standards and Regulations</a>	Occupational
ABC 119	<a href="#">Basic Safety</a>	Occupational
ABC 120	<a href="#">Basic Calculations for Construction</a>	Occupational
ABC 121	<a href="#">Introduction to Hand and Power Tools</a>	Occupational
ABC 122	<a href="#">Rigging Safety and Equipment</a>	Occupational
ABC 123	<a href="#">Introduction to Construction Drawings</a>	Occupational
ABC 136	<a href="#">Roof Systems</a>	Occupational
ACC 107*	<a href="#">Bookkeeping Theory and Practice</a>	Occupational
ACC 109*	<a href="#">Accounting Concepts</a>	Occupational
ACC 115	<a href="#">Computerized Accounting</a>	Occupational
AET 100	<a href="#">Aviation Orientation</a>	Occupational
AET 115	<a href="#">Aviation Meteorology</a>	Occupational
AET 205*	<a href="#">Aircraft Structures, Systems, and Maintenance</a>	Occupational
AET 208	<a href="#">Aviation Safety</a>	Occupational
AET 215*	<a href="#">Aircraft Powerplants</a>	Occupational
AET 225	<a href="#">Advanced Aircraft Systems</a>	Occupational
AET 229	<a href="#">Crew Resource Management</a>	Occupational
AGB 132	<a href="#">Agribusiness and Management</a>	Occupational
AGB 139	<a href="#">Agribusiness Computer Operations</a>	Occupational
AGB 142	<a href="#">Floriculture</a>	Occupational
AGL 189	<a href="#">Landscape Design I</a>	Occupational
AGS 164	<a href="#">Plant Growth and Development</a>	Occupational
AGS 182AA	<a href="#">Gardening Practices and Techniques</a>	Occupational
AGS 183	<a href="#">Urban Plant Identification and Use</a>	Occupational
AGS 296WC	<a href="#">Cooperative Education</a>	Occupational
AHU 245	<a href="#">Arabic Culture and Islam</a>	Academic
AIT100	<a href="#">Industrial Safety</a>	Occupational
AIT 110	<a href="#">Mechanical Systems</a>	Occupational
AJS 101*	<a href="#">Introduction to Criminal Justice</a>	Occupational
AJS 107*	<a href="#">Patrol Procedures</a>	Occupational
AJS 109	<a href="#">Substantive Criminal Law</a>	Occupational
AJS 110*	<a href="#">Law and Legal Review I</a>	Occupational
AJS 123	<a href="#">Ethics and the Administration of Justice</a>	Occupational
AJS 124*	<a href="#">Correctional Institutions</a>	Occupational
AJS 198AF*	<a href="#">Special Topics in the Administration of Justice</a>	Occupational

AJS 200	<a href="#">Current Issues in Criminal Justice</a>	Occupational
AJS 210	<a href="#">Constitutional Law</a>	Occupational
AJS 212	<a href="#">Juvenile Justice Procedures</a>	Occupational
AJS 213AB*	<a href="#">Fingerprint Classification I</a>	Occupational
AJS 215	<a href="#">Criminalistics: Physical Evidence</a>	Occupational
AJS 216	<a href="#">Criminalistics: Biological Evidence</a>	Occupational
AJS 219	<a href="#">Crime Scene Technology: Physical Evidence</a>	Occupational
AJS 225	<a href="#">Criminology</a>	Occupational
AJS 230	<a href="#">The Police Function</a>	Occupational
AJS 240	<a href="#">The Correction Function</a>	Occupational
AJS 258	<a href="#">Victimology and Crisis Management</a>	Academic
AJS 260	<a href="#">Procedural Criminal Law</a>	Occupational
AJS 270	<a href="#">Community Relations</a>	Occupational
AJS 275	<a href="#">Criminal Investigation I</a>	Occupational
AJS 290AH	<a href="#">Use of Force</a>	Occupational
AJS 290BB*	<a href="#">Police Report Writing</a>	Occupational
AJS 290BJ*	<a href="#">Accident Investigation I</a>	Occupational
AJS 290BN	<a href="#">Courtroom Testimony Seminar</a>	Occupational
ANS 110	<a href="#">Introduction to Animal Science</a>	Occupational
ANS 212	<a href="#">Livestock Production and Management</a>	Occupational
ARB 101	<a href="#">Elementary Arabic I</a>	Academic
ARB 102	<a href="#">Elementary Arabic II</a>	Academic
ARB 115	<a href="#">Beginning Arabic Conversation I</a>	Academic
ARB 201*	<a href="#">Intermediate Arabic I</a>	Academic
ARB 202*	<a href="#">Intermediate Arabic II</a>	Academic
ARC 121	<a href="#">Introduction to Architectural Drafting: Manual</a>	Occupational
ARH 101	<a href="#">Prehistoric through Gothic Art</a>	Academic
ARH 102	<a href="#">Renaissance Through Contemporary Art</a>	Academic
ART 100	<a href="#">Introduction to Computer Graphic Art</a>	Occupational
ART 111****	<a href="#">Drawing I</a>	Academic
ART 112****	<a href="#">Two-Dimensional Design</a>	Academic
ART 131	<a href="#">Photography I</a>	Academic
ART 142	<a href="#">Introduction to Digital Photography</a>	Occupational
ART 151	<a href="#">Sculpture I</a>	Academic
ART 161	<a href="#">Ceramics I</a>	Academic
ART 165	<a href="#">Watercolor Painting I</a>	Academic
ART 167****	<a href="#">Painting I</a>	Academic
ART 169	<a href="#">Two-Dimensional Computer Design</a>	Occupational
ART 177	<a href="#">Computer-Photographic Imaging</a>	Occupational
ART 181	<a href="#">Graphic Design I</a>	Occupational
ART 183	<a href="#">Computer Aided Graphic Arts I</a>	Occupational
ART 184	<a href="#">Computer Animation</a>	Occupational
ART 277	<a href="#">Textiles I</a>	Academic
ART 283	<a href="#">Digital Graphic Arts II</a>	Occupational
ASE 101	<a href="#">Introduction to Automotive</a>	Occupational
ASE 141	<a href="#">Steering, Suspension and Pre-alignment</a>	Occupational
ASE 141 AU	<a href="#">Steering, Suspension and Pre-alignment</a>	Occupational

ASE 151	<a href="#">Introduction to Brake Systems</a>	Occupational
ASE 151AU	<a href="#">Introduction to Brake Systems</a>	Occupational
ASE 161	<a href="#">Basic Automotive Electrical/Electronics</a>	Occupational
ASE 161AU	<a href="#">Basic Automotive Electrical/Electronics</a>	Occupational
ASE 162	<a href="#">Automotive Battery, Starting and Charging Systems</a>	Occupational
ASE 162AU	<a href="#">Automotive Battery, Starting and Charging Systems</a>	Occupational
ASE 171	<a href="#">Automotive Heating, Ventilation and Air Conditioning Systems</a>	Occupational
ASE171AU	<a href="#">Automotive Heating, Ventilation and Air Conditioning Systems</a>	Occupational
ASE 181	<a href="#">Introduction to Engine Performance</a>	Occupational
ASE 181AU	<a href="#">Introduction to Engine Performance</a>	Occupational
ASE 241*	<a href="#">Advanced Steering, Suspension and Alignment</a>	Occupational
ASE 241AU*	<a href="#">Advanced Steering, Suspension and Alignment</a>	Occupational
ASE 251*	<a href="#">Advanced Brake Systems</a>	Occupational
ASE 251AU*	<a href="#">Advanced Brake Systems</a>	Occupational
ASL 101	<a href="#">American Sign Language I</a>	Occupational
ASL 102	<a href="#">American Sign Language II</a>	Occupational
ASL 110	<a href="#">Fingerspelling</a>	Occupational
ASL 201	<a href="#">American Sign Language III</a>	Occupational
ASL 202	<a href="#">American Sign Language IV</a>	Occupational
ASL 212	<a href="#">Deaf Culture</a>	Occupational
AST 101*	<a href="#">Survey of Astronomy</a>	Occupational
AST 102*	<a href="#">Survey of Astronomy Laboratory</a>	Occupational
AST 111*	<a href="#">Introduction to Solar System Astronomy</a>	Academic
AST 112*	<a href="#">Introduction to Stars, Galaxies, and Cosmology</a>	Academic
AST 113*	<a href="#">Introduction to Solar System Astronomy Laboratory</a>	Academic
AST 114*	<a href="#">Introduction to Stars, Galaxies, and Cosmology Laboratory</a>	Academic
ATP 101	<a href="#">Introduction to Automated Systems and Robotics</a>	Occupational
ATP 105	<a href="#">Engineering Documentation</a>	Occupational
ATP 111	<a href="#">Mechanical Systems and Maintenance</a>	Occupational
BHS 150	<a href="#">Introduction to Behavioral Health and Social Services</a>	Occupational
BHS 155	<a href="#">Professional Resiliency and Compassion Fatigue Prevention</a>	Occupational
BIO 100*	<a href="#">Biology Concepts</a>	Academic
BIO 101*	<a href="#">Introduction to Human Genetics for Non-Majors</a>	Academic
BIO 105*	<a href="#">Environmental Biology</a>	Academic
BIO 106*	<a href="#">Biotechnology and Society I</a>	Academic
BIO 107*	<a href="#">Introduction to Biotechnology</a>	Academic
BIO 145*	<a href="#">Marine Biology</a>	Academic
BIO 160*	<a href="#">Introduction to Human Anatomy and Physiology</a>	Academic
BIO 181	<a href="#">General Biology (Majors) I</a>	Academic
BPC 110*	<a href="#">Computer Usage and Applications</a>	Occupational
BPC 125*	<a href="#">Microcomputer Set Up and Maintenance</a>	Occupational
BPC 128*	<a href="#">Introduction to Desktop Publishing</a>	Occupational
BPC 170*	<a href="#">A+ Exam Prep: Computer Hardware Configuration and Support</a>	Occupational
BPC 171*	<a href="#">Recycling Used Computer Technology</a>	Occupational
BPC 225*	<a href="#">Computer Configuration and Enhancement</a>	Occupational
BPC 270*	<a href="#">A+ Exam Prep: Operating System Configuration and Support</a>	Occupational
CAD 100	<a href="#">Fundamental of 2D AutoCAD</a>	Occupational

CAD 101	<a href="#">Elements of CAD Graphics (AUTOCAD)</a>	Occupational
CAD 105	<a href="#">Fundamentals of Revit Architecture</a>	Occupational
CAD 145	<a href="#">Design Principles for Industry</a>	Occupational
CAD 164	<a href="#">Residential Working Drawings</a>	Occupational
CAD 165	<a href="#">Architectural Software (AutoCAD Architecture)</a>	Occupational
CAD 167	<a href="#">Architectural Drawings I (REVIT): Residential CAD</a>	Occupational
CAD 175	<a href="#">Manufacturing Modeling and Design</a>	Occupational
CAD 201	<a href="#">Three-Dimensional (3D) Modeling and Advanced CAD Techniques</a>	Occupational
CAD 215	<a href="#">Three-Dimensional AutoCAD Modeling</a>	Occupational
CAD 256	<a href="#">CAD Customization and Management</a>	Occupational
CFS 101AH	<a href="#">Art Activities for the Young Child</a>	Occupational
CFS 101AJ	<a href="#">Music Activities for the Young Child</a>	Occupational
CFS 101AP	<a href="#">Science Activities for the Young Child</a>	Occupational
CFS 123	<a href="#">Health and Nutrition In Early Childhood Settings</a>	Occupational
CFS 125	<a href="#">Safety in Early Childhood Settings</a>	Occupational
CFS 179	<a href="#">Child Care: A Multifaceted Career</a>	Academic
CHI 101	<a href="#">Elementary Chinese (Mandarin) I</a>	Academic
CHI 102	<a href="#">Elementary Chinese (Mandarin) II</a>	Academic
CHI 201	<a href="#">Intermediate Chinese I</a>	Academic
CHI 202	<a href="#">Intermediate Chinese II</a>	Academic
CHI 225	<a href="#">Intermediate Chinese Conversation I</a>	Academic
CHI 226	<a href="#">Intermediate Chinese Conversation II</a>	Academic
CHM 130	<a href="#">Fundamental Chemistry</a>	Academic
CHM 130LL	<a href="#">Fundamental Chemistry Laboratory</a>	Academic
CHM 151	<a href="#">General Chemistry I</a>	Academic
CHM 151LL	<a href="#">General Chemistry I Laboratory</a>	Academic
CHM 152	<a href="#">General Chemistry II</a>	Academic
CHM 152LL	<a href="#">General Chemistry II Laboratory</a>	Academic
CIS 105*	<a href="#">Survey of Computer Information Systems</a>	Occupational
CIS 107*	<a href="#">The Electronic Game Industry</a>	Occupational
CIS 111	<a href="#">Ethics in Information Technology</a>	Occupational
CIS 113DE*	<a href="#">Microsoft Word: Word Processing</a>	Occupational
CIS 114AE*	<a href="#">Excel: Level I</a>	Occupational
CIS 114DE*	<a href="#">Excel Spreadsheet</a>	Occupational
CIS 117AM*	<a href="#">Database Management: Microsoft Access - Level I</a>	Occupational
CIS 117BM*	<a href="#">Database Management: Microsoft Access - Level II</a>	Occupational
CIS 117DM*	<a href="#">Microsoft Access: Database Management</a>	Occupational
CIS 118AB*	<a href="#">PowerPoint: Level I</a>	Occupational
CIS 118BB*	<a href="#">PowerPoint: Level II</a>	Occupational
CIS 118DB*	<a href="#">Desktop Presentation: PowerPoint</a>	Occupational
CIS 120DA	<a href="#">Introduction to Digital Video Editing: Adobe Premiere</a>	Occupational
CIS 120DB*	<a href="#">Computer Graphics: Adobe Illustrator</a>	Occupational
CIS 120DC	<a href="#">Adobe Animate: Digital Animation</a>	Occupational
CIS 120DF*	<a href="#">Adobe Photoshop Level I: Digital Imaging</a>	Occupational
CIS 120DK	<a href="#">Introduction to Digital Video Editing</a>	Occupational
CIS 120DL	<a href="#">Digital Video Compositing: After Effects</a>	Occupational
CIS 121AE	<a href="#">Windows Operating System: Level I</a>	Occupational

CIS 122AE	<a href="#">Windows Operating System: Level II</a>	Occupational
CIS 124AA	<a href="#">Project Management Software: Level I</a>	Occupational
CIS 124BA	<a href="#">Project Management Software: Level II</a>	Occupational
CIS 126DL	<a href="#">Linux Operating System</a>	Occupational
CIS 130DA*	<a href="#">3D Studio Max: Modeling</a>	Occupational
CIS 130DB*	<a href="#">3D Studio Max: Animation</a>	Occupational
CIS 133AA*	<a href="#">Internet/Web Development Level I-A</a>	Occupational
CIS 133DA*	<a href="#">Internet/Web Development Level I</a>	Occupational
CIS 138DA*	<a href="#">Desktop Design and Publishing Using Adobe InDesign</a>	Occupational
CIS 140*	<a href="#">Survey of Multimedia Technology</a>	Occupational
CIS 150AB	<a href="#">Object-Oriented Programming Fundamentals</a>	Occupational
CIS 151*	<a href="#">Computer Game Development -Level I</a>	Occupational
CIS 156*	<a href="#">Python Programming: Level I</a>	Occupational
CIS 159*	<a href="#">Visual Basic Programming I</a>	Occupational
CIS 162AB*	<a href="#">C++: Level I</a>	Occupational
CIS 163AA*	<a href="#">Java Programming: Level I</a>	Occupational
CIS 165*	<a href="#">Introduction to IOS Application Development</a>	Occupational
CIS 165DA*	<a href="#">Android Mobile Device Programming</a>	Occupational
CIS 166AA*	<a href="#">Introduction to JavaScripting</a>	Occupational
CIS 166AE*	<a href="#">Web Scripting with PHP: Hypertext Preprocessor (PHP)</a>	Occupational
CIS 190*	<a href="#">Introduction to Networking</a>	Occupational
CIS 213DE*	<a href="#">Advanced Microsoft Word: Word Processing</a>	Occupational
CIS 214DE*	<a href="#">Advanced Excel Spreadsheet: Level II</a>	Occupational
CIS 220DF*	<a href="#">Adobe Photoshop Level II: Advanced Digital Imaging</a>	Occupational
CIS 220DK	<a href="#">Advanced Digital Video Production: Premiere</a>	Occupational
CIS 230DA*	<a href="#">3D Studio Max: Materials</a>	Occupational
CIS 230DB*	<a href="#">3D Studio Max: Lighting and Rendering</a>	Occupational
CIS 233AC*	<a href="#">Internet Web Development: Dreamweaver Level I</a>	Occupational
CIS 233DC*	<a href="#">Internet Web Development: Dreamweaver</a>	Occupational
CIS 270*	<a href="#">Essentials of Network and Information Security</a>	Occupational
CNS 290AB	<a href="#">Construction Internship</a>	Occupational
CNT 140AB	<a href="#">Introduction to Networks</a>	Occupational
CNT150AB*	<a href="#">Switching, Routing, and Wireless Essentials</a>	Occupational
CNT 160AB	<a href="#">Enterprise Networking, Security, and Automation</a>	Occupational
CNT 170AA	<a href="#">Cisco - Connecting Networks</a>	Occupational
CNT 168*	<a href="#">CCNA Discovery - Designing and Supporting Computer Networks</a>	Occupational
CNT 205*	<a href="#">Cisco Certified Network Associate Security</a>	Occupational
COM 100	<a href="#">Introduction to Human Communication</a>	Academic
COM 271	<a href="#">Voice and Diction</a>	Academic
CON 101	<a href="#">Construction and Culture</a>	Occupational
CON 244	<a href="#">Working Drawing Analysis: Blueprint Reading</a>	Occupational
CPD 115	<a href="#">Creating College Success</a>	Academic
CPD 150	<a href="#">Strategies for College Success</a>	Academic
CRE 101	<a href="#">College Critical Reading</a>	Academic
CRW 150	<a href="#">Introduction to Creative Writing</a>	Academic

CUL 101	<a href="#">Culinary Basics</a>	Occupational
CUL 102	<a href="#">Hot Foods</a>	Occupational
CUL 103	<a href="#">Breakfast and Cold Foods</a>	Occupational
CUL 104	<a href="#">Bakery and Pastry</a>	Occupational
CUL 105	<a href="#">Principles of Professional Cooking</a>	Occupational
CUL 113	<a href="#">Commercial Baking Techniques</a>	Occupational
CUL 115	<a href="#">Food Service Sanitation, Safety and Stewarding</a>	Occupational
CUL 120	<a href="#">Food Costing, Purchasing and Inventory Control</a>	Occupational
CUL 140	<a href="#">Culinary Principles and Kitchen Management I</a>	Occupational
DFT 105AA	<a href="#">Computer Aided Drafting I: AutoCAD</a>	Occupational
DFT 114*	<a href="#">Machine Trades Blueprint Reading</a>	Occupational
DFT 254AA	<a href="#">Computer Aided Drafting II: AutoCAD</a>	Occupational
DFT 257AD	<a href="#">Architectural CAD: Architectural Desktop</a>	Occupational
ECE 102	<a href="#">Engineering Analysis Tools and Techniques</a>	Academic
ECE 103	<a href="#">Engineering Problem Solving and Design</a>	Academic
ECH 176*	<a href="#">Child Development</a>	Occupational
ECH 181	<a href="#">Enhancing Infant Development</a>	Occupational
ECH 182	<a href="#">Enhancing Toddler Development</a>	Occupational
ECH 236	<a href="#">Learning Materials for Young Children</a>	Occupational
ECH 270	<a href="#">Observing Young Children</a>	Occupational
ECH 271	<a href="#">Arranging the Environment</a>	Occupational
ECH 272	<a href="#">Science for the Young Child</a>	Occupational
ECH 273	<a href="#">Math for the Young Child</a>	Occupational
ECH 274	<a href="#">Books and Verse for the Young Child</a>	Occupational
ECH 279	<a href="#">Early Childhood Curriculum Development</a>	Occupational
ECH 280	<a href="#">Food Experiences with Young Children</a>	Occupational
ECH 281	<a href="#">Movement/Music for the Young Child</a>	Occupational
ECH 282	<a href="#">Discipline/Guidance of Child Groups</a>	Occupational
ECH 287	<a href="#">Professional Development in Early Childhood Education</a>	Occupational
EDU 221	<a href="#">Introduction to Education</a>	Academic
EDU 282AC	<a href="#">Service-Learning Experience in Education</a>	Academic
EED 205*	<a href="#">The Developing Child: Prenatal to Age Eight</a>	Academic
EED 215*	<a href="#">Early Learning: Health, Safety, Nutrition and Fitness</a>	Academic
EED 245*	<a href="#">Early Learning: Language Acquisition and Literacy Development</a>	Academic
EED 278*	<a href="#">Early Learning: Curriculum and Instruction - Birth/Preschool</a>	Academic
ELE 100	<a href="#">Concepts of Electricity and Electronics</a>	Occupational
ENG 101	<a href="#">First-Year Composition</a>	Academic
ENG 102**	<a href="#">First-Year Composition</a>	Academic
ENG 111	<a href="#">Technical and Professional Writing</a>	Occupational
ENH 110	<a href="#">Introduction to Literature</a>	Academic
ENH 111	<a href="#">Literature and the American Experience</a>	Academic
ENH 113*	<a href="#">Writers/Directors and Current Issues</a>	Occupational
EPS 150*	<a href="#">Introduction to Entrepreneurship</a>	Occupational
EPS 160*	<a href="#">New Venture Creation</a>	Occupational
EPS 195*	<a href="#">Business Start-Up and Planning</a>	Occupational
EXS 101*	<a href="#">Introduction to Exercise Science</a>	Academic
FOR 105	<a href="#">Forensic Science: Physical Evidence</a>	Occupational

FOR 106	<a href="#">Forensic Science: Biological Evidence</a>	Occupational
FRE 101	<a href="#">Elementary French I</a>	Academic
FRE 101AA	<a href="#">Elementary French I</a>	Academic
FRE 102	<a href="#">Elementary French II</a>	Academic
FRE 102AA	<a href="#">Elementary French II</a>	Academic
FRE 201*	<a href="#">Intermediate French I</a>	Academic
FRE 202*	<a href="#">Intermediate French II</a>	Academic
FRE 265*	<a href="#">Advanced French I</a>	Academic
FRE 266*	<a href="#">Advanced French II</a>	Academic
FSC 106	<a href="#">Introduction to Fire Protection</a>	Occupational
FSC 108	<a href="#">Fundamentals of Fire Prevention</a>	Occupational
FSC 110	<a href="#">Wildland Firefighter</a>	Occupational
FSC 113	<a href="#">Introduction to Fire Suppression</a>	Occupational
FSC 117	<a href="#">Fire Apparatus</a>	Occupational
FSC 118	<a href="#">Fire Hydraulics</a>	Occupational
FSC 134	<a href="#">Fitness and Conditioning for Firefighters</a>	Occupational
GBS 103*	<a href="#">Principles of Banking</a>	Occupational
GBS 110*	<a href="#">Human Relations in Business and Industry</a>	Occupational
GBS 131*	<a href="#">Business Calculations</a>	Occupational
GBS 132*	<a href="#">Personal and Family Financial Security</a>	Academic
GBS 151*	<a href="#">Introduction to Business</a>	Occupational
GCU 102	<a href="#">Introduction to Human Geography</a>	Academic
GER 101	<a href="#">Elementary German I</a>	Academic
GER 102	<a href="#">Elementary German II</a>	Academic
GER 201*	<a href="#">Intermediate German I</a>	Academic
GER 202*	<a href="#">Intermediate German II</a>	Academic
GLG 101	<a href="#">Introduction to Geology I - Physical Lecture</a>	Academic
GLG 102	<a href="#">Introduction to Geology II - Historical Lecture</a>	Academic
GLG 103	<a href="#">Introduction to Geology I - Physical Lab</a>	Academic
GLG 104	<a href="#">Introduction to Geology II - Historical Lab</a>	Academic
GLG 110	<a href="#">Geological Disasters and the Environment</a>	Academic
GLG 111	<a href="#">Geological Disasters and the Environment Lab</a>	Academic
GPH 111	<a href="#">Introduction to Physical Geography</a>	Academic
GPH 212*	<a href="#">Introduction to Meteorology I</a>	Academic
GPH 214*	<a href="#">Introduction to Meteorology Laboratory I</a>	Academic
GPH 219	<a href="#">Introduction to GIS Using ArcGIS</a>	Academic
GRK 101	<a href="#">Elementary Classical Greek I</a>	Academic
GRK 102	<a href="#">Elementary Classical Greek II</a>	Academic
GTC 104	<a href="#">Manufacturing Processes</a>	Occupational
GTC 106	<a href="#">Industrial Safety</a>	Occupational
GTC 108	<a href="#">Technical Mathematics II</a>	Occupational
GTC 216	<a href="#">Properties of Materials</a>	Occupational
GTC 223	<a href="#">Advanced Machine Tools</a>	Occupational
GTC 236	<a href="#">CAD/CAM Computer Numerical Control (CNC) Programming</a>	Occupational
GTC 276	<a href="#">Solids Programming</a>	Occupational
GTC 296WC	<a href="#">Cooperative Education</a>	Occupational
GTC 298AC	<a href="#">Special Projects</a>	Occupational

HBR 101	<a href="#">Elementary Biblical Hebrew I</a>	Academic
HBR 102	<a href="#">Elementary Biblical Hebrew II</a>	Academic
HBR 201*	<a href="#">Intermediate Biblical Hebrew I</a>	Academic
HCC 109	<a href="#">CPR for Health Care Provider</a>	Occupational
HCC 130	<a href="#">Fundamentals in Health Care Delivery</a>	Occupational
HCC 130AC	<a href="#">Personal Wellness and Safety</a>	Occupational
HCC 130AE	<a href="#">Legal Issues in Health Care</a>	Occupational
HCC 145	<a href="#">Medical Terminology for Health Care Professionals</a>	Occupational
HCC 145AA	<a href="#">Medical Terminology for Health Care Professionals I</a>	Occupational
HCC 146	<a href="#">Common Medical Terminology for Health Care Professionals</a>	Occupational
HCC 164	<a href="#">Pharmacology for Allied Health</a>	Occupational
HCC 200	<a href="#">Basic Client Care for Allied Health</a>	Occupational
HES 100	<a href="#">Healthful Living</a>	Academic
HES 154	<a href="#">First Aid/Cardiopulmonary Resuscitation</a>	Academic
HES 271	<a href="#">Prevention and Treatment of Athletic Injuries</a>	Academic
HES 275	<a href="#">Rehabilitation and Therapeutic Interventions in Sports Medicine</a>	Occupational
HIS 101	<a href="#">History of Western Civilization Middle Ages to 1789</a>	Academic
HIS 102	<a href="#">History of Western Civilization 1789 to Present</a>	Academic
HIS 103	<a href="#">United States History to 1865</a>	Academic
HIS 104	<a href="#">United States History 1865 to Present</a>	Academic
HIS 110	<a href="#">World History to 1500</a>	Academic
HIS 111	<a href="#">World History 1500 to the Present</a>	Academic
HIS 204	<a href="#">African-American History 1865 to Present</a>	Academic
HRM 110*	<a href="#">Introduction to Hospitality and Tourism Management</a>	Occupational
HRM 130*	<a href="#">Guest Services Management</a>	Occupational
HRM 140*	<a href="#">Food Production Concepts</a>	Occupational
HRM 145*	<a href="#">Events Management</a>	Occupational
HUM 101*	<a href="#">General Humanities</a>	Academic
HUM 108*	<a href="#">Contemporary Humanities</a>	Academic
INS 100	<a href="#">Insurance Industry Profession</a>	Occupational
INT 105	<a href="#">Introduction to Interior Design</a>	Occupational
INT 150	<a href="#">Color and Design</a>	Occupational
ITA 101	<a href="#">Elementary Italian I</a>	Academic
ITA 101AA	<a href="#">Elementary Italian I</a>	Academic
ITA 102	<a href="#">Elementary Italian II</a>	Academic
ITA 102AA	<a href="#">Elementary Italian II</a>	Academic
ITA 115	<a href="#">Beginning Italian Conversation I</a>	Academic
ITA 116	<a href="#">Beginning Italian Conversation II</a>	Academic
ITA 201*	<a href="#">Intermediate Italian I</a>	Academic
ITA 202*	<a href="#">Intermediate Italian II</a>	Academic
ITA 225*	<a href="#">Intermediate Italian Conversation I</a>	Academic
ITA 226*	<a href="#">Intermediate Italian Conversation II</a>	Academic
ITA 265*	<a href="#">Advanced Italian I</a>	Academic
ITH 150	<a href="#">Survey of Contemporary Italy</a>	Academic
ITS 110	<a href="#">Information Security Fundamentals</a>	Occupational
JPN 101	<a href="#">Elementary Japanese I</a>	Academic
JPN 102	<a href="#">Elementary Japanese II</a>	Academic



JPN 201*	<a href="#">Intermediate Japanese I</a>	Academic
JPN 202*	<a href="#">Intermediate Japanese II</a>	Academic
JRN 133	<a href="#">Development of Small Publications</a>	Occupational
LAT 101	<a href="#">Elementary Latin I</a>	Academic
LAT 102	<a href="#">Elementary Latin II</a>	Academic
LAT 201*	<a href="#">Intermediate Latin I</a>	Academic
LAT 202*	<a href="#">Intermediate Latin II</a>	Academic
LDR 100	<a href="#">The Leader in You</a>	Academic
LET 109	<a href="#">Criminal Law</a>	Occupational
MAT 140	<a href="#">College Mathematics</a>	Academic
MAT 141	<a href="#">College Mathematics</a>	Academic
MAT 142	<a href="#">College Mathematics</a>	Academic
MAT 150	<a href="#">College Algebra / Functions</a>	Academic
MAT 151	<a href="#">College Algebra / Functions</a>	Academic
MAT 152	<a href="#">College Algebra / Functions</a>	Academic
MAT 172	<a href="#">Finite Mathematics</a>	Academic
MAT 182	<a href="#">Plane Trigonometry</a>	Academic
MAT 187	<a href="#">Precalculus</a>	Academic
MAT 206	<a href="#">Elements of Statistics</a>	Academic
MAT 212	<a href="#">Brief Calculus</a>	Academic
MAT 213	<a href="#">Brief Calculus</a>	Academic
MAT 217	<a href="#">Mathematical Analysis for Business</a>	Academic
MAT 218	<a href="#">Mathematical Analysis for Business</a>	Academic
MAT 220	<a href="#">Calculus with Analytic Geometry I</a>	Academic
MAT 221	<a href="#">Calculus with Analytic Geometry I</a>	Academic
MAT 225	<a href="#">Elementary Linear Algebra</a>	Academic
MAT 227	<a href="#">Discrete Mathematical Structures</a>	Academic
MAT 230	<a href="#">Calculus with Analytic Geometry II</a>	Academic
MAT 231	<a href="#">Calculus with Analytic Geometry II</a>	Academic
MAT 240	<a href="#">Calculus with Analytic Geometry III</a>	Academic
MAT 241	<a href="#">Calculus with Analytic Geometry III</a>	Academic
MAT 262	<a href="#">Differential Equations</a>	Academic
MAT 276	<a href="#">Modern Differential Equations</a>	Academic
MAT 277	<a href="#">Modern Differential Equations</a>	Academic
MET 131	<a href="#">Lean Manufacturing</a>	Occupational
MET 209	<a href="#">CNC Mill: Operator Training II</a>	Occupational
MET 210	<a href="#">CNC Lathe: Operator Training II</a>	Occupational
MET 286AE	<a href="#">Solid Design I: Part Modeling: Solid Works</a>	Occupational
MET 288AE	<a href="#">Solid Design II: Advanced Part Modeling: SolidWorks</a>	Occupational
MFG 100	<a href="#">Tool Room: Introduction to Machine Processes</a>	Occupational
MFG 102	<a href="#">Machine Processes, Theory and Application</a>	Occupational
MFG 206	<a href="#">CNC Programming of Word Address Language</a>	Occupational
MFG 214	<a href="#">CNC: Operator Training</a>	Occupational
MFG 246	<a href="#">Advanced CAD/CAM CNC Programming: MasterCam</a>	Occupational
MFG 254	<a href="#">Solids Modeling - Solidworks</a>	Occupational
MGT 148*	<a href="#">Office Ethics and Culture</a>	Occupational
MGT 175*	<a href="#">Business Organization and Management</a>	Occupational

MGT 253*	<a href="#">Owning and Operating a Small Business</a>	Occupational
MHL 140	<a href="#">Survey of Music History</a>	Academic
MHL 145*	<a href="#">American Jazz and Popular Music</a>	Academic
MHL 153*	<a href="#">Rock Music and Culture</a>	Academic
MIT 120*	<a href="#">Industrial Technology Fundamentals</a>	Occupational
MIT 121*	<a href="#">Industrial Technology I-A</a>	Occupational
MIT 122*	<a href="#">Industrial Technology I-B</a>	Occupational
MIT 123*	<a href="#">Industrial Mechanical Technology II-A</a>	Occupational
MIT 124*	<a href="#">Industrial Mechanical Technology II-B</a>	Occupational
MIT 133*	<a href="#">Industrial Electrical and Instrumentation Technology II-A</a>	Occupational
MIT 134*	<a href="#">Industrial Electrical and Instrumentation Technology II-B</a>	Occupational
MIT 221*	<a href="#">Industrial Mechanical Technology III-A</a>	Occupational
MIT 222*	<a href="#">Industrial Mechanical Technology III-B</a>	Occupational
MIT 231*	<a href="#">Industrial Electrical and Instrumentation Technology III-A</a>	Occupational
MIT 232*	<a href="#">Industrial Electrical and Instrumentation Technology III-AB</a>	Occupational
MKT 112*	<a href="#">Retail Customer Service</a>	Occupational
MKT 114*	<a href="#">Retail Inventory Control</a>	Occupational
MKT 267*	<a href="#">Principles of Sales</a>	Occupational
MKT 271*	<a href="#">Principles of Marketing</a>	Occupational
MMT 184	<a href="#">Computer Animation</a>	Occupational
MMT 185	<a href="#">3-D Modeling for Animation</a>	Occupational
MMT 186	<a href="#">Modeling for Digital Media</a>	Occupational
MPT 101	<a href="#">Technical Documentation</a>	Occupational
MPT 110	<a href="#">Inspection Techniques</a>	Occupational
MPT 120	<a href="#">Introduction to Manual Machining</a>	Occupational
MPT 131	<a href="#">CNC Machining Level I</a>	Occupational
MPT 140	<a href="#">Manual CNC Programming</a>	Occupational
MST 150WT*	<a href="#">Installing and Configuring Microsoft Windows 10</a>	Occupational
MTC 101	<a href="#">Introduction to Music Theory</a>	Academic
MTC 105	<a href="#">Music Theory I</a>	Academic
MTC 106	<a href="#">Aural Perception I</a>	Academic
MTC 110	<a href="#">Music Notation for Songwriting</a>	Academic
MTC 111	<a href="#">Lyric Writing</a>	Occupational
MTC 112	<a href="#">Song and Melody Forms</a>	Academic
MTC 113	<a href="#">Songwriting Techniques</a>	Academic
MTC 116	<a href="#">Music Software</a>	Occupational
MTC 191	<a href="#">Electronic Music I</a>	Occupational
MUC 111	<a href="#">Digital Audio Workstation I (DAW I)</a>	Occupational
MUC 135	<a href="#">Introduction to Disc Jockey Techniques</a>	Occupational
MUC 136*	<a href="#">Turntablism: The Art of the Scratch DJ</a>	Occupational
MUC 137*	<a href="#">Digital DJ Performance Techniques</a>	Occupational
MUC 138*	<a href="#">Disc Jockey Laboratory</a>	Occupational
MUC 195AA	<a href="#">Studio Music Recording I</a>	Occupational
MUC 197	<a href="#">Live Sound Reinforcement I</a>	Occupational
MUC 237*	<a href="#">Electronic Dance Music Production</a>	Occupational
MUP 130*	<a href="#">Beginning Group Piano</a>	Academic
MUP 131*	<a href="#">Class Piano I</a>	Academic

MUP 132*	<a href="#">Class Piano II</a>	Academic
MUP 181*	<a href="#">Chamber Music Ensembles</a>	Academic
MUP 190	<a href="#">Percussion Ensemble</a>	Occupational
MUP 217	<a href="#">Music Theatre: Broadway Solos</a>	Academic
MUP 218	<a href="#">Audition Techniques: Music Theater</a>	Academic
MUP 127*	<a href="#">Class Guitar I</a>	Occupational
MUP 128*	<a href="#">Class Guitar II</a>	Occupational
MUP 231*	<a href="#">Class Piano III</a>	Academic
MUP 232*	<a href="#">Class Piano IV</a>	Academic
NAV 101	<a href="#">Elementary Navajo I</a>	Academic
NAV 102	<a href="#">Elementary Navajo II</a>	Academic
NAV 115	<a href="#">Beginning Navajo Conversation I</a>	Academic
NAV 116	<a href="#">Beginning Navajo Conversation II</a>	Academic
NAV 201*	<a href="#">Intermediate Navajo I</a>	Academic
NAV 202*	<a href="#">Intermediate Navajo II</a>	Academic
NUR 158	<a href="#">Nurse Assisting</a>	Occupational
NVH 245	<a href="#">Navajo Culture and Heritage</a>	Academic
OAS 120	<a href="#">Financial Record Keeping</a>	Occupational
OAS 125	<a href="#">Introduction to the Professional Office</a>	Occupational
PHS 110*	<a href="#">Fundamentals of Physical Science</a>	Academic
PHS 120*	<a href="#">Introduction to Physical Science: Astronomy, Meteorology, Geology and Oceanography</a>	Academic
PHY 101*	<a href="#">Introduction to Physics</a>	Academic
PHY 111*	<a href="#">General Physics I</a>	Academic
PHY 112*	<a href="#">General Physics II</a>	Academic
PIM 115	<a href="#">Beginning Pima Conversation I</a>	Academic
PIM 116	<a href="#">Beginning Pima Conversation II</a>	Academic
POR 101	<a href="#">Elementary Portuguese I</a>	Academic
POR 102	<a href="#">Elementary Portuguese II</a>	Academic
POR 201*	<a href="#">Intermediate Portuguese I</a>	Academic
POS 101	<a href="#">Current Issues</a>	Academic
POS 110	<a href="#">American National Government</a>	Academic
POS 130	<a href="#">State and Local Government</a>	Academic
POS 140	<a href="#">Comparative Government</a>	Academic
POS 220	<a href="#">U.S. and Arizona Constitution</a>	Academic
PPT 120*	<a href="#">Energy Industry Fundamentals</a>	Occupational
PSY 101*	<a href="#">Introduction to Psychology</a>	Academic
REL 101*	<a href="#">Introduction to Religion</a>	Academic
RUS 101	<a href="#">Elementary Russian I</a>	Academic
RUS 102	<a href="#">Elementary Russian II</a>	Academic
RUS 115	<a href="#">Beginning Russian Conversation I</a>	Academic
RUS 201*	<a href="#">Intermediate Russian</a>	Academic
RUS 202*	<a href="#">Intermediate Russian</a>	Academic
SLC 201	<a href="#">Introduction to Linguistics</a>	Academic
SOC 101	<a href="#">Introduction to Sociology</a>	Academic
SPA 101	<a href="#">Elementary Spanish I</a>	Academic
SPA 102	<a href="#">Elementary Spanish II</a>	Academic
SPA 111	<a href="#">Fundamentals of Spanish</a>	Academic

SPA 201*	<a href="#">Intermediate Spanish I</a>	Academic
SPA 202*	<a href="#">Intermediate Spanish II</a>	Academic
SPA 203*	<a href="#">Spanish for Spanish-Speaking Students I</a>	Academic
SPA 225*	<a href="#">Intermediate Spanish Conversation I</a>	Academic
SPA 226*	<a href="#">Intermediate Spanish Conversation II</a>	Academic
SPA 235*	<a href="#">Advanced Spanish Conversation I</a>	Academic
SPA 236*	<a href="#">Advanced Spanish Conversation II</a>	Academic
SPA 251	<a href="#">Spanish Civilization</a>	Academic
SPA 265*	<a href="#">Advanced Spanish I</a>	Academic
SPA 266*	<a href="#">Advanced Spanish II</a>	Academic
SPA 282AA	<a href="#">Service-Learning Experience in Spanish</a>	Academic
SPH 245*	<a href="#">Hispanic Heritage in the Southwest</a>	Academic
SSH 111	<a href="#">Sustainable Cities</a>	Academic
SUN 103	<a href="#">Wall Systems</a>	Occupational
SUN 106	<a href="#">Floor Systems</a>	Occupational
SUN 210	<a href="#">Windows and Exterior Doors</a>	Occupational
SUS 100	<a href="#">Introduction to Sustainability</a>	Academic
SUS 110	<a href="#">Sustainable World</a>	Academic
TDR 102	<a href="#">Construction Soft Skills 1: Workplace Skills</a>	Occupational
TEC 105	<a href="#">Cultural Aspects of Clothing</a>	Occupational
TEC 109	<a href="#">Introduction to Fashion Merchandising</a>	Occupational
TEC 110	<a href="#">Basic Sewing Skills</a>	Occupational
TEC 125	<a href="#">Fashion Design</a>	Occupational
THP 201AA	<a href="#">Theatre Production I</a>	Academic
TRS 100	<a href="#">Survey of Translation and Interpretation</a>	Academic
TRS 102	<a href="#">Translation of English to Spanish</a>	Academic
TRS 103	<a href="#">Translation of Spanish to English</a>	Academic
UAS101	<a href="#">Introduction to Unmanned Aircraft Systems Operation</a>	Occupational
VET 101	<a href="#">Introduction to Veterinary Technology</a>	Occupational
VET 103	<a href="#">Veterinary Assistant I</a>	Occupational
VET 104	<a href="#">Veterinary Assistant II</a>	Occupational
VET 109	<a href="#">Veterinary Assitant Internship</a>	Occupational
WED 151*	<a href="#">Introduction to Alternative Medicine</a>	Occupational
WED 165*	<a href="#">Overview of Massage Therapy</a>	Occupational
WED 215*	<a href="#">Self-Care for Health Care Providers</a>	Occupational
WLD 101	<a href="#">Introduction to Welding</a>	Occupational
WLD 106AA	<a href="#">Introduction to SMAW</a>	Occupational
WLD 106AB	<a href="#">SMAW 6010 Plate</a>	Occupational
WLD 106AC	<a href="#">SMAW 7018 Plate</a>	Occupational
WLD 201	<a href="#">Welding II</a>	Occupational
WLD 206AB	<a href="#">Advanced GMAW and FCAW</a>	Occupational
WLD 206AD	<a href="#">Advanced GTAW Ferrous</a>	Occupational
WLD 208AB	<a href="#">GMAW Code Welding</a>	Occupational
WLD 208AC	<a href="#">FCAW Code Welding</a>	Occupational

\* Will be offered as Dual Enrollment Courses but not to classes primarily composed of freshman and sophomores.

\*\* Please note: ENG 102 cannot be taught in accordance with or as an AP Literature course.

Effective Spring 2013.

\*\*\*Course can only be offered as a lecture and in-person. Course can not be offered on-line or as a hybrid.

\*\*\*\*Approved sequence program of study: ART 111 year long course, ART 112 year long course and then ART 167 year long course.

Additional courses may be requested through the DE Course Review process. Dates for submission are May 15th and December 15th. Please contact the Director of Maricopa Dual Enrollment for more information regarding the review process: [rosanne.yniguez@domail.maricopa.edu](mailto:rosanne.yniguez@domail.maricopa.edu)

Last updated list 11.16.2020

Last updated course description 11.16.2020

219 Academic Courses, 332 Occupational Courses

DE Courses = 551



