



Dual Enrollment Course Catalog

Effective Fall 2012-2013

Course	Course Title	Course Type
AAA 115	Creating College Success	Academic
ABA 101	Hand and Power Tools	Occupational
ABA 120	Carpentry Fundamentals	Occupational
ABC 118	OSHA Standards & Regulations	Occupational
ABC 119	Basic Safety	Occupational
ABC 120	Basic Calculations for Construction	Occupational
ABC 121	Introduction to Hand & Power Tools	Occupational
ABC 122	Rigging Safety & Equipment	Occupational
ABC 123	Introduction to Construction Drawing	Occupational
ABC 136	Roof Systems	Occupational
ACC 109	Accounting Concepts	Occupational
AGB 132	Agribusiness Accounting and Office Management	Occupational
AGB 139	Agribusiness Computer Operations	Occupational
AGL 189	Landscape Design I	Occupational
AGS 164	Plant Growth and Development	Occupational
AGS 182AA	Gardening Practices and Techniques	Occupational
AGS 296WC	Cooperative Education	Occupational
AHU 245	Arabic Culture and Islam	Academic
ANS 110	Introduction to Animal Science	Occupational
ANS 212	Livestock Production & Management	Occupational
ARB 101	Elementary Arabic I	Academic
ARB 102	Elementary Arabic II	Academic
ARB 115	Beginning Arabic Conversation I	Academic
ARB 116	Beginning Arabic Conversation II	Academic
ARB 201*	Intermediate Arabic I	Academic
ARB 202*	Intermediate Arabic II	Academic
ARC 121	Introduction to Architectural Drafting: Manual	Occupational
ARH 101	Prehistoric through Gothic Art	Academic
ARH 102	Renaissance Through Contemporary Art	Academic
ART 100	Intro to Computer Graphic Art	Academic
ART 111	Drawing I	Academic
ART 112	Two Dimensional Design	Academic
ART 131	Photography I	Academic
ART 142	Introduction to Digital Photography	Occupational
ART 151	Sculpture I	Academic
ART 161	Ceramics I	Academic
ART 165	Watercolor Painting I	Academic
ART 169	Two-Dimensional Computer Design	Occupational
ART 177	Computer-Photographic Imaging	Occupational

ART 181	Graphic Design I	Occupational
ART 183	Computer Aided Graphic Arts I	Occupational
ART 184	Computer Animation	Occupational
ART 277	Textiles I	Academic
AST 101*	Survey of Astronomy	Occupational
AST 102*	Survey of Astronomy Laboratory	Occupational
AST 111*	Introduction to Solar System Astronomy	Academic
AST 112*	Introduction to Stars, Galaxies, and Cosmology	Academic
AST 113*	Introduction to Solar System Astronomy Laboratory	Academic
AST 114*	Introduction to Stars, Galaxies, and Cosmology Laboratory	Academic
AUT 101	Internal Combustion Engines Theory	Occupational
BIO 100*	Biology Concepts	Occupational
BIO 101*	General Biology (Non-Majors): Selected Topics	Academic
BIO 105*	Environmental Biology	Academic
BIO 106*	Biotechnology and Society I	Academic
BIO 107*	Introduction to Biotechnology	Academic
BIO 145*	Marine Biology	Academic
BIO 160*	Introduction to Human Anatomy and Physiology	Academic
BIO 175*	Research Methods in Biology	Academic
BPC 110*	Computer Usage and Applications	Occupational
BPC 125*	Microcomputer Set Up and Maintenance	Occupational
BPC 128*	Introduction Desktop Publishing	Occupational
BPC 135DK*	Word Level I	Occupational
BPC 170*	Microcomputer Maintenance I: A+ Prep	Occupational
BPC 171*	Recycling Used Computer Technology	Occupational
BPC 225*	Computer Configuration and Enhancement	Occupational
BPC 235DK*	Word: Level II	Occupational
BPC 270*	Microcomputer Maintenance II: A+ Technician Prep	Occupational
CAD 100	Fundamental of 2D Auto CAD	Occupational
CAD 101	Elements of CAD Graphics (AUTOCAD)	Occupational
CAD 145	Survey of CAD	Occupational
CAD 164	Residential Working Drawings	Occupational
CAD 165	Architectural Software (AutoCAD Architecture)	Occupational
CAD 167	Architectural Drawings (REVIT) I: Residential CAD	Occupational
CAD 215	Three-Dimensional AutoCAD Modeling	Occupational
CAD 256	CAD Customization and Management	Occupational
CFS 101AH	Art Activities for the Young Child	Occupational
CFS 101AJ	Music Activities for the Young Child	Occupational
CFS 101AP	Science Activities for the Young Child	Occupational
CFS 123	Health and Nutrition In Early Childhood Settings	Occupational
CFS 125	Safety in Early Childhood Settings	Occupational
CFS 179	Child Care: A Multifaceted Career	Academic
CHI 101	Elementary Chinese (Mandarin) I	Academic
CHI 102	Elementary Chinese (Mandarin) II	Academic
CHI 201	Intermediate Chinese I	Academic
CHI 202	Intermediate Chinese II	Academic
CHI 225	Intermediate Chinese Conversation I	Academic

CHI 226	Intermediate Chinese Conversation II	Academic
CHM 130	Fundamental Chemistry	Academic
CHM 130LL	Fundamental Chemistry Lab	Academic
CHM 151	General Chemistry I	Academic
CHM 151LL	General Chemistry I Laboratory	Academic
CHM 152	General Chemistry II	Academic
CHM 152LL	General Chemistry II Laboratory	Academic
CIS 105*	Survey of Computer Information Systems	Occupational
CIS 107*	The Electronic Game Industry	Occupational
CIS 114AE*	Excel: Level I	Occupational
CIS 114DE*	Excel Spreadsheet	Occupational
CIS 117AM*	Database Management: Microsoft Access Level I	Occupational
CIS 117BM*	Database Management: Microsoft Access Level II	Occupational
CIS 117DM*	Microsoft Access: Database Management	Occupational
CIS 118AB*	PowerPoint: Level I	Occupational
CIS 118BB*	PowerPoint: Level II	Occupational
CIS 120DF*	Computer Graphics: Adobe Photoshop	Occupational
CIS 133AA*	Internet/Web Development Level I-A	Occupational
CIS 133BA*	Internet/Web Development Level I-B	Occupational
CIS 133CA*	Internet/Web Development Level I-C	Occupational
CIS 133DA*	Internet/Web Development Level I	Occupational
CIS 140*	Survey of Multimedia Technology	Occupational
CIS 151*	Computer Game Development -Level I	Occupational
CIS 159*	Visual Basic Programming I	Occupational
CIS 162AB*	C++ Level I	Occupational
CIS 163AA*	Java Programming: Level I	Occupational
CIS 190*	Introduction to Local Area Networks	Occupational
CIS 214DE*	Advanced Excel Spreadsheet: Level II	Occupational
CIS 220DF*	Advanced Photoshop	Occupational
CIS 233AC*	The Internet Web Publishing: Dreamweaver Level I	Occupational
CIS 233DC*	Internet Web Development: Dreamweaver	Occupational
CNT 138*	CCNA Discovery - Networking for Home and Small Businesses	Occupational
CNT 148*	CCNA Discovery - Working at a Small-to-Medium Business and Internet Service Provider	Occupational
CNT 158*	CCNA Discovery - Introduction to Routing and Switching in the Enterprise	Occupational
CNT 168*	CCNA Discovery - Designing and Supporting Computer Networks	Occupational
COM 100	Introduction to Human Communication	Academic
COM 271	Voice and Diction	Academic
CPD 115	Creating College Success	Academic
CPD 150	Strategies for College Success	Academic
CRW 150	Introduction to Creative Writing	Academic
CUL 101	Culinary Fundamentals: Culinary Basics	Occupational
CUL 102	Culinary Fundamentals: Hot Foods	Occupational
CUL 103	Culinary Fundamentals: Breakfast and Garde Manger	Occupational
CUL 104	Culinary Fundamentals: Bakery and Pastry	Occupational
CUL 105	Principles and Skills for Professional Cooking	Occupational
CUL 113	Commercial Baking Techniques	Occupational

CUL 115	Food Service Sanitation, Safety, and Stewarding	Occupational
CUL 120	Food Costing, Purchasing and Inventory Control	Occupational
CUL 140	Culinary Principles and Kitchen Management I	Occupational
DFT 105AA	Computer Aided Drafting I: AutoCAD	Occupational
DFT 254AA	Computer Aided Drafting II: AutoCAD	Occupational
DFT 256AA	Computer Aided Drafting III: AutoCAD	Occupational
DFT 257AD	Architectural CAD: Architectural Desktop	Occupational
ECE 102	Engineering Analysis Tools and Techniques	Academic
ECH 176*	Child Development	Occupational
ECH 181	Enhancing Infant Development	Occupational
ECH 182	Enhancing Toddler Development	Occupational
ECH 236	Learning Materials for Young Children	Occupational
ECH 270	Observing Young Children	Occupational
ECH 271	Arranging the Environment	Occupational
ECH 272	Science for the Young Child	Occupational
ECH 273	Math for the Young Child	Occupational
ECH 274	Books & Verse for the Young Child	Occupational
ECH 276	Musical Beginnings	Occupational
ECH 279	Early Childhood Curriculum Development	Occupational
ECH 280	Food Experiences with Young Children	Occupational
ECH 281	Movement/Music for the Young Child	Occupational
ECH 282	Discipline/Guidance of Child Groups	Occupational
ECH 287	Professional Development in Early Childhood Education	Occupational
EDU 221	Introduction to Education	Academic
EDU 282AC	Volunteerism for Edu: A Service Learning Experience	Academic
EED 205*	The Developing Child: Prenatal to Age Eight	Academic
EED 215*	Early Learning: Health, Safety, Nutrition and Fitness	Academic
EED 245*	Early Learning: Language Acquisition and Literacy Development	Academic
EED 278*	Early Learning: Curriculum and Instruction - Birth/Preschool	Academic
ENG 101	First Year Composition	Academic
ENG 102	First Year Composition	Academic
ENH 110	Introduction to Literature	Academic
ENH 111	Literature and the American Experience	Academic
FIN 110*	Introduction to Financial Planning	Occupational
FRE 101	Elementary French I	Academic
FRE 101AA	Elementary French I	Academic
FRE 102	Elementary French II	Academic
FRE 102AA	Elementary French II	Academic
FRE 201*	Intermediate French I	Academic
FRE 202*	Intermediate French II	Academic
FRE 265*	Advanced French I	Academic
FRE 266*	Advanced French II	Academic
FSC 106	Introduction to Fire Protection	Occupational
FSC 108	Fundamentals of Fire Prevention	Occupational
FSC 110	Wildland Firefighter	Occupational
FSC 113	Introduction to Fire Suppression	Occupational
FSC 117	Fire Apparatus	Occupational

FSC 118	Fire Hydraulics	Occupational
FSC 134	Fitness and Conditioning for Firefighters	Occupational
GBS 103*	Principles of Banking	Occupational
GBS 110*	Human Relations in Business and Industry	Occupational
GBS 131*	Business Calculations	Occupational
GBS 151*	Introduction to Business	Occupational
GER 101	Elementary German I	Academic
GER 102	Elementary German II	Academic
GER 201*	Intermediate German I	Academic
GER 202*	Intermediate German II	Academic
GLG 101	Introduction to Geology I - Physical Lecture	Academic
GLG 102	Introduction to Geology II - Historical Lecture	Academic
GLG 103	Introduction to Geology I - Physical Lab	Academic
GLG 104	Introduction to Geology II - Historical Lab	Academic
GLG 110	Geologic Disasters and the Environment	Academic
GLG 111	Geologic Disasters and the Environment Lab	Academic
GPH 111	Introduction to Physical Geography	Academic
GRK 101	Elementary Classical Greek I	Academic
GRK 102	Elementary Classical Greek II	Academic
HBR 101	Elementary Biblical Hebrew I	Academic
HBR 102	Elementary Biblical Hebrew II	Academic
HBR 201*	Intermediate Biblical Hebrew I	Academic
HBR 202*	Intermediate Biblical Hebrew II	Academic
HCC 109	CPR for Health Provider	Occupational
HCC 130	Fundamentals in Health Care Delivery	Occupational
HCC 145	Medical Terminology for Health Care Workers	Occupational
HCC 145AA	Medical Terminology for Health Care Workers I	Occupational
HCC 146	Common Medical Terminology for Health Care Workers	Occupational
HCC 164	Pharmacology for Allied Health	Occupational
HEB 101	Elementary Hebrew I	Academic
HEB 102	Elementary Hebrew II	Academic
HEB 115	Beginning Hebrew Conversation I	Academic
HEB 201*	Intermediate Hebrew I	Academic
HES 100	Healthful Living	Academic
HES 271	Prevention and Treatment of Athletic Injuries	Academic
HIS 101	History Western Civilization Middle Ages - 1789	Academic
HIS 102	History Western Civilization 1789 - Present	Academic
HIS 103	United States History to 1865	Academic
HIS 104	United States History 1865 - Present	Academic
HIS 111	World History 1500 - Present	Academic
HIS 204	African-American History 1865 - Present	Academic
HRM 110*	Introduction to Hospitality and Tourism Management	Occupational
HRM 145*	Events Management	Occupational
HUM 101*	General Humanities	Academic
HUM 108*	Contemporary Humanities	Academic
INT 105	Introduction to Interior Design	Occupational
INT 150	Color & Design	Occupational

ITA 101	Elementary Italian I	Academic
ITA 101AA	Elementary Italian I	Academic
ITA 102	Elementary Italian II	Academic
ITA 102AA	Elementary Italian II	Academic
ITA 115	Beginning Italian Conversation I	Academic
ITA 116	Beginning Italian Conversation II	Academic
ITA 201*	Intermediate Italian I	Academic
ITA 202*	Intermediate Italian II	Academic
ITA 225*	Intermediate Italian Conversation I	Academic
ITA 226*	Intermediate Italian Conversation II	Academic
ITA 265*	Advanced Italian I	Academic
ITA 266*	Advanced Italian II	Academic
ITH 150	Survey of Contemporary Italy	Academic
JPN 101	Elementary Japanese I	Academic
JPN 102	Elementary Japanese II	Academic
JPN 201*	Intermediate Japanese I	Academic
JPN 202*	Intermediate Japanese II	Academic
JRN 133	Development of Small Publications	Occupational
LAT 101	Elementary Latin I	Academic
LAT 102	Elementary Latin II	Academic
LAT 201*	Intermediate Latin I	Academic
LAT 202*	Intermediate Latin II	Academic
LET 109	Criminal Law	Occupational
MAT 140	College Mathematics	Academic
MAT 141	College Mathematics	Academic
MAT 142	College Mathematics	Academic
MAT 150	College Algebra / Functions	Academic
MAT 151	College Algebra / Functions	Academic
MAT 152	College Algebra / Functions	Academic
MAT 172	Finite Mathematics	Academic
MAT 182	Plane Trigonometry	Academic
MAT 187	Precalculus	Academic
MAT 206	Elements of Statistics	Academic
MAT 212	Brief Calculus	Academic
MAT 213	Brief Calculus	Academic
MAT 217	Mathematical Analysis for Business	Academic
MAT 218	Mathematical Analysis for Business	Academic
MAT 220	Calculus with Analytic Geometry I	Academic
MAT 221	Calculus with Analytic Geometry I	Academic
MAT 225	Elementary Linear Algebra	Academic
MAT 227	Discrete Mathematical Structures	Academic
MAT 230	Calculus with Analytic Geometry II	Academic
MAT 231	Calculus with Analytic Geometry II	Academic
MAT 240	Calculus with Analytic Geometry III	Academic
MAT 241	Calculus with Analytic Geometry III	Academic
MAT 262	Differential Equations	Academic
MAT 276	Modern Differential Equations	Academic

MAT 277	Modern Differential Equations	Academic
MET 109	Machine Trades Print Reading	Occupational
MET 231	Manufacturing Processes and Materials	Occupational
MET 286AE	Solid Design I: Part Modeling: Solid Works	Occupational
MET 288AE	Solid Design II: Advanced Part Modeling: SolidWorks	Occupational
MGT 148*	Office Ethics & Culture	Occupational
MGT 175*	Business Organization and Management	Occupational
MGT 253*	Owning and Operating a Small Business	Occupational
MHL 140	Survey of Music History	Academic
MKT 267*	Principles of Salesmanship	Occupational
MKT 271*	Principles of Marketing	Occupational
MMT 184	Computer Animation	Occupational
MMT 185	3-D Modeling for Animation	Occupational
MMT 186	Modeling for Digital Media	Occupational
MTC 105	Music Theory I	Academic
MTC 106	Aural Perception I	Academic
MTC 191	Electronic Music I	Occupational
MUC 111	Digital Audio Workstation I	Occupational
MUC 195AA	Studio Music Recording I	Occupational
MUC 197	Live Sound Reinforcement I	Occupational
MUP 217	Music Theatre: Broadway Solos	Academic
MUP 218	Audition Techniques: Music Theater	Academic
NAV 101	Elementary Navajo I	Academic
NAV 102	Elementary Navajo II	Academic
NAV 115	Beginning Navajo Conversation I	Academic
NAV 115AA	Beginning Navajo Conversation I: Relationships	Academic
NAV 115AB	Beginning Navajo Conversation I: Daily Living	Academic
NAV 115AC	Beginning Navajo Conversation I: Culture	Academic
NAV 116	Beginning Navajo Conversation II	Academic
NAV 119	Navajo in a Medical Setting	Academic
NAV 201*	Intermediate Navajo I	Academic
NAV 202*	Intermediate Navajo II	Academic
NAV 203*	Navajo for Navajo-Speaking Students I	Academic
NAV 204*	Navajo for Navajo-Speaking Students II	Academic
NAV 225*	Intermediate Navajo Conversation I	Academic
NAV 226*	Intermediate Navajo Conversation II	Academic
NAV 237*	Navajo Legal Terminology	Academic
NAV 240*	Navajo for City Courts	Academic
NUR 158	Nurse Assisting	Occupational
NVH 245	Navajo Culture and Heritage	Academic
OAS 120	Financial Record Keeping	Occupational
OAS 125	Introduction to the Professional Office	Occupational
OCS 156AC	Admin office Coordinator Internship	Occupational
PHS 110*	Fundamentals of Physical Science	Academic
PHS 120*	Introduction to Physical Science	Academic
PHY 101*	Introduction to Physics	Academic
PHY 111*	General Physics I	Academic

PHY 112*	General Physics II	Academic
PIM 115	Beginning Pima Conversation I	Academic
PIM 116	Beginning Pima Conversation II	Academic
POR 101	Elementary Portuguese I	Academic
POR 102	Elementary Portuguese II	Academic
POR 116	Beginning Portuguese Conversation II	Academic
POR 201*	Intermediate Portuguese I	Academic
POR 202*	Intermediate Portuguese II	Academic
POS 101	Current Issues	Academic
POS 110	American National Government	Academic
POS 130	State and Local Government	Academic
POS 140	Comparative Government	Academic
POS 220	U.S. and Arizona Constitution	Academic
PSY 101*	Introduction to Psychology	Academic
RUS 101	Elementary Russian I	Academic
RUS 101AA	Elementary Russian I	Academic
RUS 102	Elementary Russian II	Academic
RUS 102AA	Elementary Russian II	Academic
RUS 115	Beginning Russian Conversation I	Academic
RUS 116	Beginning Russian Conversation II	Academic
RUS 201*	Intermediate Russian	Academic
RUS 202*	Intermediate Russian	Academic
SLC 201	Introduction to Linguistics	Academic
SLC 202	Introduction to Literary and Cultural Theory	Academic
SLG 101	American Sign Language I	Occupational
SLG 102	American Sign Language II	Occupational
SLG 201	American Sign Language III	Occupational
SLG 202	American Sign Language IV	Occupational
SOC 101	Introduction to Sociology	Academic
SPA 101	Elementary Spanish I	Academic
SPA 102	Elementary Spanish II	Academic
SPA 111	Fundamentals of Spanish	Academic
SPA 201*	Intermediate Spanish I	Academic
SPA 202*	Intermediate Spanish II	Academic
SPA 203*	Spanish for Spanish-Speaking Students I	Academic
SPA 225*	Intermediate Spanish Conversation I	Academic
SPA 226*	Intermediate Spanish Conversation II	Academic
SPA 235*	Advanced Spanish Conversation I	Academic
SPA 236*	Advanced Spanish Conversation II	Academic
SPA 265*	Advanced Spanish I	Academic
SPA 266*	Advanced Spanish II	Academic
SPA 282AA	Volunteerism for Spanish: A Service Learning Experience	Academic
SPH 245*	Hispanic Heritage in the Southwest	Academic
SUN 103	Wall Systems	Occupational
SUN 106	Floor Systems	Occupational
SUN 210	Windows & Exterior Doors	Occupational
THP 120AA	Audition Techniques: Prepared Monologue	Academic

THP 120AB	Audition Techniques: Cold Readings	Academic
THP 201AA	Theatre Production I	Academic
TRS 100	Survey of Translation and Interpretation	Academic
TRS 102	Translation of English to Spanish	Academic
TRS 103	Translation of Spanish to English	Academic
VPT 102	Video Technology	Occupational

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

Last updated 3.2.12