

The contents of this catalog supercede the contents of this addendum supercede the content specified in the 2014-2015 catalog where noted. Contents of the 2014-2015 catalog not revised in this addendum remain in effect. The unrevised content of the 2014-2015 catalog and the revised content of this addendum are valid for the 2014-2015 academic year.

Page numbers are those of the 2014-2015 Catalog.

Reference Changes throughout the Catalog:

Program Modifications

Customs and Border Protection Homeland Security (pg. 100)

Associate in Arts (A.A.) degree

C. Arizona General Education Curriculum-Arts (AGEC-A):	36
Freshman Composition (ENG 101 and 102).	6
Mathematics (MAT 142 College Mathematics with Applications or approved higher level math)	3
Arts and Humanities	6
(ARH 141 Survey of World Art and PHI 105 Introduction to Ethics)	
Social and Behavioral Sciences (SOC 101 Introduction to Sociology and FAS 238/PSY 238 Human Development)	7
Physical and Biological Sciences (GPH 171 Introduction to Meteorology and ENV 101 Environmental Science)	8
Additional Courses (CIS 120 Introduction to Computer Information Systems and SPC 215 Public Speaking).	6

is now

C. Arizona General Education Curriculum-Arts (AGEC-A):	35
Freshman Composition (ENG 101 and 102).	6
Mathematics (MAT 142 College Mathematics with Applications or approved higher level math)	3
Arts and Humanities	6
Social and Behavioral Sciences	6
Physical and Biological Sciences.	8
Additional Courses.	6

D. General electives:	2
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Automotive Technology (pg. 85)

Certificate

A. Required major courses:	38
AUT 101 Theory of Engine Operation	4
AUT 120 Automotive Suspension.	6
AUT 125 Automotive Brakes	4
AUT 133 Automotive Power Trains.	3
AUT 200 Automotive Electrical Systems	6
AUT 209 Auto Engine Performance and Diagnosis	5
AUT 215 Automotive Computer Testing	3
AUT 252 Automotive Air Conditioning Systems	4

is now

A. Required major courses:	37
AUT 101 Theory of Engine Operation	4
AUT 120 Automotive Suspension.	6
AUT 125 Automotive Brakes	4
AUT 133 Automotive Power Trains.	3
AUT 200 Automotive Electrical Systems	6
AUT 209 Auto Engine Performance and Diagnosis	5
AUT 215 Automotive Computer Testing	3
AUT 220 Automotive Hybrid Fundamentals.	2
AUT 252 Automotive Air Conditioning Systems	4

Basic Plumbing (pg. 87)

Certificate

A. Required major courses:	19
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- PCT 100 Core Curriculum Introductory Craft Skill . . . 5
- PCT 105 Plumbing Safety. 3
- PCT 115 Plumbing Drain, Waste, and Venting Systems
3
- PCT 205 Plumbing Water Supply
and Distribution Systems 4
- PCT 210 Plumbing Fixture and Appliance Installation. 4

is now

A. Required major courses: 19

- PCT 100 Core Curriculum Introductory Craft Skill . . . 5
- PCT 105 Introduction to Plumbing. 3
- PCT 115 Plumbing Drain, Waste, and Venting Systems
3
- PCT 205 Plumbing Water Supply
and Distribution Systems 4
- PCT 210 Plumbing Fixture and Appliance Installation. 4

General Studies

Associate in General Studies (A.G.S.) degree (pg. 117)

A. Required major courses: 24

Choose **two concentration areas** (each of which must be a minimum of 12 credits) from:

- Business/Computers;**
- Humanities;**
- Mathematics/Sciences;**
- Languages/Communications;**
- Physical Education/Recreation/Sport;**
- Social Science;**
- Education/Nursing/Health;**
- Occupational/Technology**

is now

A. Required major courses: 24

Choose **two concentration areas** (each of which must be a minimum of 12 credits) from:

- Business/Computers;**
- Fine Arts;**
- Humanities;**
- Mathematics/Sciences;**
- Languages/Communications;**
- Physical Education/Recreation/Sport;**

- Social Science;**
- Education/Nursing/Health;**
- Occupational/Technology**

Nursing

Associate in Applied Science (A.A.S.) degree (pg. 136)

Total credits required for degree: 67.25

is now

Total credits required for degree: 67

Plumbing (pg. 142)

Associate in Applied Science (A.A.S.) degree

A. Required major courses: 22

- PCT 100 Core Curriculum Introductory Crafts Skills . . 5
- PCT 105 Plumbing Safety. 3
- PCT 115 Plumbing Drain, Waste, and Venting Systems
3
- PCT 205 Plumbing Water Supply and
Distribution Systems 4
- PCT 210 Plumbing Fixture and Appliance Installation . 4

is now

A. Required major courses: 22

- PCT 100 Core Curriculum Introductory Crafts Skills . . 5
- PCT 105 Introduction to Plumbing. 3
- PCT 115 Plumbing Drain, Waste, and Venting Systems
3
- PCT 205 Plumbing Water Supply and
Distribution Systems 4
- PCT 210 Plumbing Fixture and Appliance Installation . 4

Plumbing Technology (pg. 142)

Certificate

A. Required major courses: 19

- PCT 100** Core Curriculum Introductory Crafts Skills . . 5
- PCT 105** Plumbing Safety. 3
- PCT 115** Plumbing Drain, Waste, and Venting Systems
3
- PCT 205** Plumbing Water Supply and
Distribution Systems 4
- PCT 210** Plumbing Fixture and Appliance Installation4

is now

A. Required major courses: 19

- PCT 100** Core Curriculum Introductory Crafts Skills . . 5
- PCT 105** Introduction to Plumbing. 3
- PCT 115** Plumbing Drain, Waste, and Venting Systems
3
- PCT 205** Plumbing Water Supply and
Distribution Systems 4
- PCT 210** Plumbing Fixture and Appliance Installation
4

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Modified Courses

AJS 123 Ethics and Criminal Justice (pg. 162)

PRE: AJS 101 and ENG 101 eligibility or completion of RDG 121 or appropriate reading score

is now

AJS 123 Ethics and Criminal Justice

PRE: ENG 101

BIO 156 Human Biology for Allied Health

effective Fall 2014, is

BIO 156 Human Biology for Allied Health/GE

ECN 240 Principles of Macroeconomics (pg. 185)

PRE: ENG 101 eligibility and MAT 142 eligibility

is now

ECN 240 Principles of Macroeconomics

PRE: ENG 101

NUR 115 Transition to Associate Degree Nursing (pg. 216)

PRE: Admission to Nursing Program

COREQ: NUR 109

is now

NUR 115 Transition to Associate Degree Nursing

PRE: Admission to Nursing Program

NUR 121 Nursing 1 (pg. 217)

8.25 cr, 5 lec, 3 lab, 5.25 clin

is now

NUR 121 Nursing 1

8 cr, 5 lec, 3 lab, 4.5 clin

PHI 210 Philosophy of Science (pg. 224)

is now

PHI 210 Philosophy of Science/GE

REL 210 The Hebrew Scriptures (Old Testament)

(pg. 230)

is now

REL 210 The Hebrew Scriptures (Old Testament)/GE

REL 220 The Christian Scriptures (New Testament)

(pg. 230)

is now

**REL 220 The Christian Scriptures (New Testament)/
GE**

SPA 281 Mexican American History

is now

SPA 281 Mexican American History/GE and WI

PRE: ENG 101

Writing Intensive (WI) Courses

Two writing intensive (WI) courses are required for transfer degrees. ENG 101 is a prerequisite for all WI courses.

- AJS 123** Ethics and Criminal Justice
- BIO 182** General Biology (Majors) II
- ECE 240** Child Growth and Development
- ECN 240** Principles of Macroeconomics
- ENG 220** Science Fiction
- ENG 231** World Literature to 1600
- ENG 232** World Literature 1600 to Present
- ENG 241** English Literature to 1800
- ENG 242** English Literature 1800 to Present
- ENG 245** Contemporary Multicultural Literature
- ENG 251** American Literature to 1860
- ENG 252** American Literature 1860 to Present
- ENG 281** Intro to Film Studies
- FAS 204** Gender Relations
- FAS 238** Human Development
- HIS 110** World History to 1500
- HIS 111** World History Since 1500
- HIS 230** Women in American History
- PHI 105** Intro to Ethics
- POS 110** American Politics
- POS 120** World Politics
- POS 130** State and Local Politics
- POS 140** Introduction to Comparative Politics
- PSY 238** Human Development
- PSY 290** Introduction to Research Methods
in the Social Sciences
- REL 201** Comparative World Religions
- SPA 281** Mexican American History

AWC 2014-2015 Arizona General Education Curriculum-Arts (AGEC-A) Checksheet

Credits

A Freshman Composition ENG 101 ENG 102 **6**

B Mathematics MAT 142, 151, 172, 187, 212, 220, 230, 241, 252, 262, 270 **3**

C Arts & Humanities (SELECT AT LEAST ONE COURSE FROM THE ARTS LIST) **6**

ARH 141, 142 (H) ENG 281 (H, WI) MUS 120 (H) THE 101 (H) THE 102 (H)

AND (SELECT AT LEAST ONE COURSE FROM THE HUMANITIES LIST)

AJS 123 (H) ENG 170 (H) ENG 180 (H) ENG 185 (C) ENG 186 (C) ENG 190 (C)
 ENG 220 (H, WI) ENG 231, 232 (C, WI) ENG 241, 242 (H, WI) ENG 245 (C, WI) ENG 251, 252 (H, WI) PHI 101 (H)
 PHI 103 (G) PHI 105 (H, WI) PHI 210 (H) PHI 220 (C) PHI 233 (H) PHI 240 (H)
 PHI 257 (G) REL 201 (G, WI) REL 210 (H) REL 220 (H) SPA 260 (C) SPA 261 (C)
 SPA 263 (C) SPA 265 (C)

D Social & Behavioral Sciences **6**

ANT 100 (G) ANT 120 (G) ANT 130 (G) ANT 140 (C) ECE 240 (C, WI) ECN 240 (G)
 ECN 250 (G) FAS/SOC 160 (C) FAS 204 (C, WI) FAS 220 (C) FAS/PSY 238 (C, WI) GEO 105 (G)
 HIS 110, 111 (H) HIS 121, 122 (H) HIS 220 (C) HIS 230 (H) HIS 240, 241 (H) HIS 280 (C)
 JRN 100 (H) POS 100 (G) POS 110 (H, WI) POS 120 (G, WI) POS 130 (H, WI) POS 140 (C)
 PSY 101 (C) SOC 101 (C) SOC/PSY 170 (C) SOC 230 (C) SOC 240 (C) SPA 281 (C, H, WI)

E Physical & Biological Sciences **8**

AST 100 (G) AST 130 (G) BIO 100 (G) BIO 108 (G) BIO 109 (G) BIO 145 (G)
 BIO 156 (spring 2015) BIO 160 (G) BIO 181, 182 (G) BIO 205 (G) CHM 130 (G) CHM 151, 152 (G)
 ENV 101 (G) GLG 101 (G) GLG 102 (G) GLG 110 (G) GPH 110 (G) GPH171 (G)
 GPH 213 (G) OCN 110 (G) PHY 201, 202 (G) PHY 221, 222 (G) PLS 100 (G)

F Additional Courses (SELECT COURSES ACCORDING TO MAJOR AND LANGUAGE PROFICIENCY REQUIREMENT) **6**

- From Arts & Humanities (section C) above
- From Social & Behavioral (section D) above

ASL 101 (C) ASL 102 (C) ASL 201 (C) ASL 202 (C) CIS 105 (H) CIS 120 (H)
 CIS 154 (G) FRE 101 (C) FRE 102 (C) FRE 201 (C) FRE 202 (C) GER 101 (C)
 GER 102 (C) GER 201 (C) GER 202 (C) MAT 119 (C) SPA 101 (C) SPA 102 (C)
 SPA 201 or 203 (C) SPA 202 or 204 (C) SPA 251 (C) SPC 110 (G) SPC 215 (G) SPC 271 (G)

AWARENESS AREAS—one cultural (C) course and one global (G) or historical (H) course are required.

WRITING INTENSIVE/CRITICAL INQUIRY (WI)—two WI courses are required. ENG 101 is a prerequisite for all WI courses.

TOTAL REQUIRED AGECA CREDITS— **35**

AWC 2014-2015 Arizona General Education Curriculum-Business (AGEC-B) Checksheet

Credits

A Freshman Composition ENG 101 ENG 102 **6**

B Mathematics MAT 212, 220, 230, 241, 252, 262 **3**

C Arts & Humanities (SELECT AT LEAST ONE COURSE FROM THE ARTS LIST) **6**

ARH 141, 142 (H) ENG 281 (H, WI) MUS 120 (H) THE 101 (H) THE 102 (H)

AND (SELECT AT LEAST ONE COURSE FROM THE HUMANITIES LIST)

AJS 123 (H) ENG 170 (H) ENG 180 (H) ENG 185 (C) ENG 186 (C) ENG 190 (C)
 ENG 220 (H, WI) ENG 231, 232 (C, WI) ENG 241, 242 (H, WI) ENG 245 (C, WI) ENG 251, 252 (H, WI) PHI 101 (H)
 PHI 103 (G) PHI 105 (H, WI) PHI 210 (H) PHI 220 (C) PHI 233 (H) PHI 240 (H)
 PHI 257 (G) REL 201 (G, WI) REL 210 (H) REL 220 (H) SPA 260 (C) SPA 261 (C)
 SPA 263 (C) SPA 265 (C)

D Social & Behavioral Sciences **6**

ANT 100 (G) ANT 120 (G) ANT 130 (G) ANT 140 (C) ECE 240 (C, WI) ECN 240 (G)
 ECN 250 (G) FAS/SOC 160 (C) FAS 204 (C, WI) FAS 220 (C) FAS/PSY 238 (C, WI) GEO 105 (G)
 HIS 110, 111 (H)) HIS 121, 122 (H) HIS 220 (C) HIS 230 (H) HIS 240, 241 (H) HIS 280 (C)
 JRN 100 (H) POS 100 (G) POS 110 (H, WI) POS 120 (G, WI) POS 130 (H, WI) POS 140 (C)
 PSY 101 (C) SOC 101 (C) SOC/PSY 170 (C) SOC 230 (C) SOC 240 (C) SPA 281 (C, H, WI)

E Physical & Biological Sciences **8**

AST 100 (G) AST 130 (G) BIO 100 (G) BIO 108 (G) BIO 109 (G) BIO 145 (G)
 BIO 156 (spring 2015) BIO 160 (G) BIO 181, 182 (G) BIO 205 (G) CHM 130 (G) CHM 151, 152 (G)
 ENV 101 (G) GLG 101 (G) GLG 102 (G) GLG 110 (G) GPH 110 (G) GPH171 (G)
 GPH 213 (G) OCN 110 (G) PHY 201, 202 (G) PHY 221, 222 (G) PLS 100 (G)

F Computer Information Systems **3**

CIS 105 (H) CIS 120 (H)

G Additional (SELECT COURSES ACCORDING TO MAJOR AND LANGUAGE PROFICIENCY REQUIREMENT) **3**

From Arts & Humanities (section C) above

From Social & Behavioral (section D) above

ASL 101 (C) ASL 102 (C) ASL 201 (C) ASL 202 (C) CIS 105 (H) CIS 120 (H)
 CIS 154 (G) FRE 101 (C) FRE 102 (C) FRE 201 (C) FRE 202 (C) GER 101 (C)
 GER 102 (C) GER 201 (C) GER 202 (C) MAT 119 (C) SPA 101 (C) SPA 102 (C)
 SPA 201 or 203 (C) SPA 202 or 204 (C) SPA 251 (C) SPC 110 (G) SPC 215 (G) SPC 271 (G)

AWARENESS AREAS—one cultural (C) course and one global (G) or historical (H) course are required.

WRITING INTENSIVE/CRITICAL INQUIRY (WI)—two WI courses are required. ENG 101 is a prerequisite for all WI courses.

TOTAL REQUIRED AGECE-B CREDITS— **35**

AWC 2014-2015 Arizona General Education Curriculum-Science (AGEC-S) Checklist

Credits

A Freshman Composition ENG 101 ENG 102 **6**

B Mathematics MAT 220, 230, 241, 252, 262 **5**

C Arts & Humanities (SELECT AT LEAST ONE COURSE FROM THE ARTS LIST) **6**

ARH 141, 142 (H) ENG 281 (H, WI) MUS 120 (H) THE 101 (H) THE 102 (H)

AND (SELECT AT LEAST ONE COURSE FROM THE HUMANITIES LIST)

AJS 123 (H) ENG 170 (H) ENG 180 (H) ENG 185 (C) ENG 186 (C) ENG 190 (C)
 ENG 220 (H, WI) ENG 231, 232 (C, WI) ENG 241, 242 (H, WI) ENG 245 (C, WI) ENG 251, 252 (H, WI) PHI 101 (H)
 PHI 103 (G) PHI 105 (H, WI) PHI 210 (H) PHI 220 (C) PHI 233 (H) PHI 240 (H)
 PHI 257 (G) REL 201 (G, WI) REL 210 (H) REL 220 (H) SPA 260 (C) SPA 261 (C)
 SPA 263 (C) SPA 265 (C)

D Social & Behavioral Sciences **6**

ANT 100 (G) ANT 120 (G) ANT 130 (G) ANT 140 (C) ECE 240 (C, WI) ECN 240 (G)
 ECN 250 (G) FAS/SOC 160 (C) FAS 204 (C, WI) FAS 220 (C) FAS/PSY 238 (C, WI) GEO 105 (G)
 HIS 110, 111 (H) HIS 121, 122 (H) HIS 220 (C) HIS 230 (H) HIS 240, 241 (H) HIS 280 (C)
 JRN 100 (H) POS 100 (G) POS 110 (H, WI) POS 120 (G, WI) POS 130 (H, WI) POS 140 (C)
 PSY 101 (C) SOC 101 (C) SOC/PSY 170 (C) SOC 230 (C) SOC 240 (C) SPA 281 (C, H, WI)

E Physical & Biological Sciences (SELECT ONE SEQUENCE) **8**

BIO 181, 182 (G)
 CHM 151, 152 (G)
 PHY 221, 222 (G)

F Additional Courses (SELECT COURSES ACCORDING TO MAJOR) **6-8**

AST 100 (G) AST 130 (G) BIO 109 (G) BIO 145 (G) BIO 156 (spring 2015) BIO 160 (G)
 BIO 181, 182 (G) BIO 205 (G) CHM 151, 152 (G) ENV 101 (G) GLG 101 (G) GLG 102 (G)
 GLG 110 (G) GPH 110 (G) GPH 171 (G) GPH 213 (G) MAT 230 MAT 241
 MAT 262 OCN 110 (G) PHY 221, 222 (G) PLS 100 (G)

AWARENESS AREAS—one cultural (C) course and one global (G) or historical (H) course are required.

WRITING INTENSIVE/CRITICAL INQUIRY (WI)—two WI courses are required. ENG 101 is a prerequisite for all WI courses.

TOTAL REQUIRED AGECS CREDITS— **37-39**

AWC 2014-2015 Associate in Applied Science (A.A.S.) General Education Checklist

Credits

A Freshman Composition ENG 100 ENG 101 ENG 102 **6**

B Mathematics MAT 105, 121, 142, 151, 172, 187, 212, 220, 230, 241, 252, 262, 270 **3**

C Arts & Humanities **3**

- AJS 123 (H) ARH 141, 142 (H) ENG 170 (H) ENG 180 (H) ENG 185 (C) ENG 186 (C)
- ENG 190 (C) ENG 220 (H, WI) ENG 231, 232 (C, WI) ENG 241, 242 (H, WI) ENG 245 (C, WI) ENG 251, 252 (H, WI)
- ENG 281 (H, WI) MUS 120 (H) PHI 101 (H) PHI 103 (G) PHI 105 (H, WI) PHI 210 (H)
- PHI 220 (C) PHI 233 (H) PHI 240 (H) PHI 257 (G) REL 201 (G, WI) REL 210 (H)
- REL 220 (H) SPA 260 (C) SPA 261 (C) SPA 263 (C) SPA 265 (C) THE 101 (H)
- THE 102 (H)

D Social & Behavioral Sciences **3**

- ANT 100 (G) ANT 120 (G) ANT 130 (G) ANT 140 (C) ECE 240 (C, WI) ECN 100 (G)
- ECN 240 (G) ECN 250 (G) FAS/SOC 160 (C) FAS 204 (C, WI) FAS 220 (C) FAS/PSY 238 (C, WI)
- GEO 105 (G) HIS 110, 111 (H) HIS 121, 122 (H) HIS 220 (C) HIS 230 (H) HIS 240, 241 (H)
- HIS 280 (C) JRN 100 (H) POS 100 (G) POS 110 (H, WI) POS 120 (G, WI) POS 130 (H, WI)
- POS 140 (C) PSY 101 (C) SOC 101 (C) SOC/PSY 170 (C) SOC 230 (C) SOC 240 (C)
- SPA 281 (C, H, WI)

E Physical & Biological Sciences **4**

- AST 100 (G) AST 130 (G) BIO 100 (G) BIO 108 (G) BIO 109 (G) BIO 145 (G)
- BIO 156 (spring 2015) BIO 160 (G) BIO 181, 182 (G) BIO 205 (G) CHM 130 (G) CHM 151, 152 (G)
- ENV 101 (G) GLG 101 (G) GLG 102 (G) GLG 110 (G) GPH 110 (G) GPH 171 (G)
- GPH 213 (G) OCN 110 (G) PHY 201, 202 (G) PHY 221, 222 (G) PLS 100 (G)

F Additional Courses (SELECT COURSE ACCORDING TO MAJOR) **2**

sections B, C, D, or E (above)

- ASL 101 (C) ASL 102 (C) ASL 201 (C) ASL 202 (C) CIS 105 (H) CIS 120 (H)
- CIS 154 (G) FRE 101 (C) FRE 102 (C) FRE 201 (C) FRE 202 (C) GER 101 (C)
- GER 102 (C) GER 201 (C) GER 202 (C) MAT 119 (C) PER 100 to 187 SPA 101 (C)
- SPA 102 (C) SPA 201 or 203 (C) SPA 202 or 204 (C) SPA 251 (C) SPC 110 (G) SPC 215 (G)
- SPC 271 (G)

TOTAL REQUIRED A.A.S. CREDITS— **21**