

About the Addendum

The contents of this addendum supersede the content specified in the 2015-2016 catalog where noted. Contents of the 2015-2016 catalog not revised in this addendum remain in effect. The unrevised content of the 2015-2016 catalog and the revised content of this addendum are valid for the 2015-2016 academic year.

The Maricopa Community Colleges reserve the right to change, without notice, any materials, information, curriculum, requirements, and regulations published in this catalog addendum.

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College Services and Regulations

Modifications, Additions & Deletions

Summary

THIS SECTION SUPPLEMENTS THE COLLEGE SERVICES AND REGULATIONS IN THE 2015-2016 GENERAL CATALOG, PAGES 29-54. THE FULL TEXT OF NEW AND MODIFIED COLLEGE SERVICES AND REGULATIONS FOLLOWS THIS SUMMARY.

	COLLEGE SERVICES AND REGULATIONS				
Catalog Page	Section	Addition/Deletion/ Modification	Change		
34	Distance Learning	Modification	Definition Clarification		
n/a	Airway Science Technology, Flight Emphasis (Track I, II, III)	Addition	Lab Fee Schedule		

Distance Learning

Distance learning courses, also referred to as e-learning courses, are taught via the Internet and may be entirely or partly online. Courses taught partly online are identified as hybrid in CGCC class schedules. E-learning courses cover the same material as courses taught in person. To be successful in e-learning courses students should possess a reasonable level of comfort with technology and have consistent access to a computer with a reliable Internet service provider. E-learning courses are for students who are self-motivated and are able to learn independently using online tutorials and assignments. Communication among students, and between students and instructors, is mediated by Canvas, the Learning Management System (LMS) used for online and hybrid courses. Each student is assigned a Maricopa email address, which is the official means of electronic communication between the College and students. For more information on distance learning courses and to find out if this style of learning is right for you, go to www.cgc.edu/elearning.

Airway Science Technology, Flight Emphasis (Track I and III)

Lab Fee Schedule, effective Fall 2015

Flight Standards District Office (FSDO) Approved Minimum Times Per Part 141 Training Course Outlines

Private Pilot Airplane - SEL Certification Course (Part 141)			
AET110 - Private Pilot Flight	\$ 9,590.00		
Solo C172	5	\$660.00	
Dual C172	35	\$4,620.00	
Dual SE FTD	3	\$222.00	
Dual Instruction	38	\$2,128.00	
Pre/Post & Ground Instruction	35	\$1,960.00	

Commercial Instrument Pilot Airplane Single and Multi-Engine Land (SMEL) Course (Part 141)

This course is made up of three individual flight courses. The total flight time requirement is 155 hours of the combined courses. It is imperative that you meet each course requirement to satisfy the total time requirement.

AET210 - Instrument Commercial Flight I	50
AET220 - Instrument Commercial Flight II	68.5
AET240 - Multiengine Airplane Pilot Flight	36.5
	155

AET210 - Instrument Commercial Flight I (Lesse	\$ 9,650.00	
Solo C172	3.0	\$396.00
Dual C172	32.0	\$4,224.00
Dual SE FTD	15.0	\$1,110.00
Dual Instruction	47.0	\$2,632.00
Pre/Post & Ground Instruction	23.0	\$1,288.00

AET220 - Instrument Commercial Flight II (Lesso	ons 36-69)	\$ 13,172.00
Solo C172	13.5	\$1,782.00
Dual C172	48.0	\$6,336.00
Dual SE FTD	7.0	\$518.00
Dual Instruction	55.0	\$3,080.00
Pre/Post & Ground Instruction	26.0	\$1,456.00
AET240 - Multiengine Airplane Pilot Flight (Less	ons 70-95)	\$ 10,773.50
Dual Seminole	22.5	\$6,097.50
Dual ME FTD	14.0	\$1,316.00
Dual Instruction	36.5	\$2,044.00
Pre/Post & Ground Instruction	23.5	\$1,316.00

AET230 - Certified Flight Instructor: Airplane, Single Engine Land (Part 141)			
CFI Certification \$ 6,921.00			
Dual C172		23.0	\$3,036.00
Dual Arrow		1.0	\$171.00
Dual SE FTD		1.0	\$74.00
Dual Instruction		25.0	\$1,400.00
Pre/Post & Ground Instruction		40.0	\$2,240.00
		Totals	\$50,106.50

Costs are calculated according to the following hourly rates:

Hourly Rates and Instruction Rates (FY2016 - effective 8/15/2015)					
Aircraft	raft Rate FTD Rate Instructor Rate				
Cessna 172	\$132.00	Single Engine FTD	\$74.00	Fixed Wing	\$56.00
Arrow	\$171.00	Multi Engine FTD	\$94.00		
Seminole	\$271.00	Mentor FTD	\$30.00		

Airway Science Technology, Flight Emphasis (Track II)

LAB FEES - SPRING 2016 SEMESTER				
Course	Course/Materials	Fee	Included Books & Materials	
	Flight Dual VFR (30 hours)	\$ 8,850.00	* Private Pilot Manual	
AET 110HH –	Flight Solo (5 hours)	\$ 1,347.55	* Helicopter Flying Handbook * Professional Pilot Logbook	
Private Pilot Flight: Helicopter	Oral testing preparation (35 hours)	\$ 1,715.00	* Oral Test Guide – Private	
	Pre/post flight discussion (17 hours)	\$ 833.00	* FAR/AIM * Rotating Plotter	
	Books/Headset	\$ 713.04	* Part 141 Private Pilot Syllabus * Test Prep – Private	
	Written Exam	\$ 150.00	* Practical Test Standards – Private	
	Checkride A/C Rental (1.5 hours)	\$ 404.25	* CX-2 Pathfinder Flight Computer * R22 Pilot Operators Handbook	
	Checkride DPE Fee	\$ 600.00	* Headset – David Clark	
	CLASS TOTAL	\$14,612.84		
Course	Course/Materials	Fee	Included Books & Materials	
	Flight Dual IFR (35 hours)	\$10,850.00	* IFR Pilot Manual	
	Oral testing preparation (30 hours)	\$ 1,470.00	* Practical Test Standards – IFR	
AET 210HH – Instrument Flight:	Pre/post flight discussion (12 hours)	\$ 588.00	* Oral Test Guide – IFR * GNS 430 Simulator CD	
	Books	\$ 152.55	* Part 141 Instrument Rating Syllabus * Test Prep – IFR	
Helicopter	Written Exam	\$ 150.00	* PV-5 IFR Plotter	
	Checkride A/C Rental (1.8 hours)	\$ 543.31		
	Checkride DPE Fee	\$ 600.00		
	CLASS TOTAL	\$14,353.86		
Course	Course/Materials	Fee	Included Books & Materials	
	Flight Dual VFR (30 hours)	\$ 8,850.00		
	Flight Solo (85 hours)	\$ 22,907.50	* Test Prep — Commercial * Commercial Syllabus	
AET 220HH – Commercial Flight:	Oral testing preparation (30 hours)	\$ 1,470.00	* Practical Test Standards –	
	Pre/post flight discussion (9 hours)	\$ 441.00	Commercial/CFI * Oral Test Guide – Commercial	
	Books	\$ 117.28]	
Helicopter	Written Exam	\$ 150.00]	
	Checkride A/C Rental (1.5 hours)	\$ 404.25]	
	Checkride DPE Fee	\$ 600.00		
	CLASS TOTAL	\$ 34,940.03		

Chandler-Gilbert Community College Catalog and Student Handbook 2015-2016 Addendum

Course	Course/Materials	Fee	Included Books & Materials
	Flight Dual VFR (25 hours)	\$ 7,375.00	* Aviation Instructors Handbook
	Oral testing preparation (55 hours)	\$ 2,695.00	* Test Prep – CFI * Part 141 CFI Syllabus
	Pre/post flight discussion (12 hours)	\$ 588.00	* Oral Test Guide – CFI
AET 230HH – Certified Flight	Books	\$ 96.81	
Instructor:	Written Exams (2)	\$ 300.00	
Helicopter	Checkride A/C Rental (1.5 hours)	\$ 404.25	
	Checkride DPE Fee	\$ 700.00	
	CLASS TOTAL	\$12,159.06	
PROGRAM TOTAL:		\$76,065.79	

Not Included: Current VFR and IFR aviation charts, current Airport/Facility Directory, current medical exam, aviation kneeboard, flight bag, and costs associated with retesting after a failed FAA written test or FAA checkride.

Costs are calculated according to the following hourly rates (tax = 7.8%):

Dual VFR	\$295.00/hour
Dual IFR	\$310.00/hour
Solo	\$250.00/hour plus tax
Ground Instruction	\$49.00/hour
Pre/Post Flight Instruction	\$49.00/hour
Checkride rental VFR	\$250.00/hour plus tax
Checkride rental IFR	\$280.00/hour plus tax

The above estimates represent minimum flight hours to meet Federal Aviation Administration requirements. Students may need additional flight hours to demonstrate competency.





CHANDLER-GILBERT COMMUNITY COLLEGE

MCCCD Policies Modifications, Additions and Deletions Summary

THIS SECTION SUPPLEMENTS THE MCCCD POLICIES INFORMATION IN THE 2015-2016 GENERAL CATALOG, PAGES 55-216. THE FULL TEXT OF NEW MCCCD POLICIES AND MODIFICATIONS TO EXISTING MCCCD POLICIES FOLLOWS THIS SUMMARY.

MCCCD POLICIES				
Catalog Page	Section	Addition/Deletion/ Modification	Change	
75-76	Admission Information (AR 2.2.2)	Modification	Added "U-Victim of Criminal Activity" category to ii. Alien In-State Student Status section. Added "Arizona Instruction Permit and United States Permanent Resident Card" to iii. Proving Lawful Presence in the United States section. Amended by Direct Chancellor Approval, August 30, 2015. In order to provide clarity, additional edits made to iii. Proving Lawful Presence in the United States, September 16, 2015.	

Admission Information (AR 2.2.2)

Students must file a Student Information Form with the Admissions and Records Office/Office of Student Enrollment Services at the college of attendance. There is no charge for this service.

1. Student Status

- A. Freshman A student who has completed fewer than 30 credit hours 100-level courses and above.
- B. Sophomore A student who has completed 30 credit hours or more in 100-level courses and above.
- C. Unclassified A student who has an associate degree or higher.

2. Student Identification Number

Disclosure of the social security number is voluntary (ARS §15-1823). However, students must use social security numbers for reporting information pertaining to potential educational

tax credits and for processing federal financial aid applications and Veterans Administration benefits.

3. Residency for Tuition Purposes (see also Appendix S-1)

All students are classified for tuition purposes under one of the following residency classifications:

- A. Maricopa County resident
- B. Out-of-County resident
- C. Out-of-State resident (including F-1 non-immigrant students)

Residency for tuition purposes is determined in accordance with state law (ARS §§15-1801et seq.) and regulations of the Maricopa Community Colleges Governing Board. All of the Maricopa Community Colleges are subject to the above statutes and regulations. Students who have questions about their residency should contact the Admissions and Records Office/Office of Student Enrollment Services for clarification.

A. Implementation

- i. Domicile status must be established before the student registers and pays fees. It is the student's responsibility to register under the correct domicile status.
- ii. Enforcement of domicile requirements shall be the responsibility of the Chancellor of the Maricopa Community Colleges. The Chancellor has charged the Director of Admissions and Records or other designee at each college to make the initial domicile classification. In determining a student's classification, the college may consider all evidence, written or oral, presented by the student and any other information received from any source which is relevant to determining classification. The college may request written sworn statements or sworn testimony of the student.
- iii. A request for review of the initial classification may be made to a district review committee. The request must be in writing, signed by the student and accompanied by a sworn statement of all facts relevant to the matter. The request must be filed with the admissions officer of the college within ten days of receipt of notification of classification as a non-resident. Failure to properly file a request for review within the prescribed time limit constitutes a waiver of review for the current enrollment period. The decision of the review committee shall be final.

B. Definitions

- i. Armed Forces of the United States means the Army, the Navy, the Air Force, the Marine Corps, the Coast Guard, the commissioned corps of the United States Public Health Services, the National Oceanographic and Atmospheric Administration, the National Guard, or any military reserve unit of any branch of the Armed Forces of the United States.
- ii. **Continuous attendance** means enrollment at one of Maricopa Community Colleges as a full-time or part-time student for a normal academic year since the beginning of the period for which continuous attendance is claimed. Students need not attend summer sessions or other such intersession beyond the normal academic year in order to maintain continuous attendance.
- iii. Maricopa County resident means an individual who has lived in Maricopa County for at least fifty (50) days before the first day of classes of the semester. In-state residency must be established prior to county residency for those moving from other states. Refer to Section C for guidelines.
- iv. **Domicile** means a person's true, fixed, and permanent home and place of habitation. It is the place where he or she intends to remain and to which he or she expects to return when he or she leaves without intending to establish a new domicile elsewhere.
- v. **Emancipated person** means a person who is neither under a legal duty of service to his parent nor entitled to the support of such parent under the laws of this state.
- vi. **Full-time student** means one who registers for at least twelve (12) credit hours per semester.
- vii. **Part-time student** means one who registers for fewer than twelve (12) credit hours per semester.
- viii. **Parent** means a person's father, or mother, or if one parent has custody, that parent, or if there is no surviving parent or the whereabouts of the parents are unknown, then a guardian of an unemancipated person if there are not circumstances indicating that such guardianship was created primarily for the purpose of conferring the status of an in-state student on such unemancipated person.

C. Criteria for Determining Residency

- i. In-State Student Status
 - 1. Except as otherwise provided in this article, no person having a domicile elsewhere than in this state is eligible for classification as an in-state student for tuition purposes. Applicants for in-state tuition status and other public benefits must demonstrate lawful presence in the United States by presenting one of the documents listed in this regulation, under the section "Demonstrating Lawful Presence."
 - 2. A person is not entitled to classification as an in-state student until the person is domiciled in this state for one year preceding the official starting day of the semester, except that a person whose domicile is in this state is entitled to classification as an in-state student if the person meets one of the following requirements:
 - a. The person's parent's domicile is in this state and the parent is allowed to claim the person as an exemption for state and federal tax purposes.
 - b. The person is an employee of an employer which transferred the person to this state for employment purposes or the person is the spouse of such an employee.
 - c. The person is an employee of a school District in this state and is under contract to teach on a full-time basis, or is employed as a full-time non-certified classroom aide, at a school within that school District. For purposes of this paragraph, the person is eligible for classification as an in-state student only for courses necessary to complete the requirements for certification by the state board of education to teach in a school District in this state. No member of the person's family is eligible for classification as an in-state student if the person is eligible for classification as an in-state student pursuant to this paragraph, unless the family member is otherwise eligible for classification as an instate student pursuant to this section. Eligibility for in-state tuition is subject to verification of intent to domicile in this state. Determination of residency is made by the admissions and records office/office of enrollment services.
 - d. The person's spouse has established domicile in this state for at least one year and has demonstrated intent and financial independence and is entitled to claim the student as an exemption for state and federal tax purposes or the person's spouse was temporarily out of state for educational purposes, but maintained a domicile in this state. If the person is a non-citizen, the person must be in an eligible visa status pursuant to federal law to classify as an in-state student for tuition purposes.

- 3. The domicile of an unemancipated person is that of such person's parent.
- 4. An unemancipated person who remains in this state when such person's parent, who had been domiciled in this state, removes from this state is entitled to classification as an in-state student until attainment of the degree for which currently enrolled, as long as such person maintains continuous attendance.
- 5. A person who is a member of the Armed Forces of the United States and who is stationed in this state pursuant to military orders or who is the spouse or a dependent child of a person who is a member of the armed forces of the United States and who is stationed in this state pursuant to military orders is entitled to classification as an in-state student. The student does not lose in-state student classification while in continuous attendance toward the degree for which he or she is currently enrolled.
- 6. A person who is a member of the armed forces of the United States or the spouse or a dependent of a member of the armed forces of the United States is entitled to classification as an in-state student if the member of the armed forces has claimed this state as the person's state of home record for at least twelve consecutive months before the member of the armed forces, spouse or dependent enrolls in a university under the jurisdiction of the Arizona Board of Regents or a community college under jurisdiction of a community college district governing board. For purposes of this subsection, the requirement that a person be domiciled in this state for one year before enrollment to qualify for in-state student classification does not apply.
- 7. Immediate classification as an in-state student shall be granted to a veteran who meets the provisions of Arizona statute HB 2091, paragraph G, which reads: G. A person holding an honorable discharge from the uniformed services of the United States from either active duty or reserve or national guard status, or who has retired from active duty or reserve or national guard status, shall be granted immediate classification as an in-state student and, while continuously enrolled, does not lose in-state student classification if the person has demonstrated objective evidence of intent to be a resident of Arizona that, for the purposes of this section, includes at least one of the following:
 - 1. Registration to vote in this state.
 - 2. An Arizona driver license.
 - 3. Arizona motor vehicle registration.
 - 4. Employment history in Arizona.

- 5. Transfer of major banking services to Arizona.
- 6. Change of permanent address on all pertinent records.
- 7. Other materials of whatever kind or source relevant to domicile or residency status.
- 8. A veteran using Chapter 30 or 33 benefits who does not otherwise qualify under item 7 above (paragraph G of PL 2091), or a veteran's dependent or spouse who is using transferred Post-9/11 GI Bill (Chapter 33) benefits or the Marine Gunnery Sergeant John David Fry Scholarship, may be eligible for immediate classification as an in-state student if he/she meets the provisions of Arizona statute HB 2091, paragraph H: h. A person who, while using educational assistance under 38 United States Code Chapter 30 or Chapter 33, enrolls in a university under the jurisdiction of the Arizona Board of Regents or a community college under the jurisdiction of a community college district governing board within three years after the veteran's discharge from active duty service of ninety or more days or within three years after the service member's death in the line of duty following a period of active duty service of ninety or more days or who remains continuously enrolled beyond the three-year period following the discharge of the veteran or the service member's death shall be granted immediate classification as an in-state student and does not lose in-state student classification if the person has demonstrated objective evidence of intent to be a resident of this state that, for the purposes of this section, includes at least one of the following:

Students are required to submit the following:

- Certificate of eligibility letter from the VA Awarding Chapter 30 or 33 benefits or the Fry scholarship, or the Dept. of Defense document approving the transfer of CH. 33 benefits
- 2. DD-214 proving a minimum of 90 days service and no more than 3 years since discharge or since death of veteran
- 3. Students must also provide at least one of the following:
 - A. Registration to vote in this state.
 - B. An Arizona driver license.
 - C. Arizona motor vehicle registration.
 - D. Employment history in Arizona.
 - E. Transfer of major banking services in Arizona.

- F. Change of permanent address on all pertinent records.
- G. Other materials of whatever kind or source relevant to domicile or residency status.
- 9. Per Arizona state law, a person who is honorably discharged from the armed forces of the United States on either Active Duty or Reserve or National Guard Status, or who has retired from Active Duty or Reserve or National Guard Status, shall be granted immediate classification as an in-state student on honorable discharge from the armed forces and, while in continuous attendance toward the degree for which currently enrolled, does not lose instate student classification if the person has met the following requirements:
 - A. Registered to vote in this state.
 - B. Demonstrated objective evidence of intent to be a resident of Arizona which, for the purposes of this section, include at least one of the following:
 - 1. An Arizona driver license
 - 2. Arizona motor vehicle registration
 - 3. Employment history in Arizona
 - 4. Transfer of major banking services to Arizona
 - 5. Change of permanent address on all pertinent records
 - 6. Other materials of whatever kind or source relevant to domicile or residency status
 - 7. A person who is a member of an Indian Tribe recognized by the United States Department of the Interior whose reservation land lies in the state and extends into another state and who is a resident of the reservation is entitled to classification as an in-state student.
- ii. Alien In-State Student Status
 - An alien is entitled to classification as an in-state refugee student if such person has been granted refugee status in accordance with all applicable laws of the United States and has met all other requirements for domicile.
 - 2. In accordance with the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (P.L. 104-208; 110 Stat. 3009-546), a person who was not a citizen or legal resident of the United States or who is not lawfully present in the United States is not entitled to classification as an in-state student pursuant to ARS §15-1802 or entitled

- to classification as a county resident pursuant to ARS §15-1802.01. A student will be assessed out-of-state tuition until such time that documentation of lawful presence is received in the Office of Admissions and Records/Enrollment Services and (eligibility for) residency is confirmed. Documentation must be provided prior to the end of the term in which residency classification is being requested. Documentation received after the end of term will be used for residency determination in subsequent terms.
- 3. In establishing domicile, the alien must not hold a visa that prohibits establishing domicile in this state. After meeting other domicile requirements, students holding valid, unexpired visas in the following categories may be classified as in-state students:
 - A Foreign Government Official or Adopted Child of a Permanent Resident
 - **E** Treaty Traders
 - **G** Principal Resident Representative of Recognized Foreign Member Government to International Staff
 - K Spouse or Child of Spouse of a US Citizen, Fiancé or Child of Fiancé of US Citizen
 - L Intracompany Transferee or Spouse or Child
 - N6 NATO-6
 - **U** Victim of Criminal Activity
 - V Spouses and Dependent Children of Lawful Permanent Residents
- 4. Students who hold a current visa and have submitted an I-485 to Citizenship and Immigration Services (CIS), may establish residency if other domicile requirements have been met. Residency eligibility for I-485 applicants may be considered one year after the date on the CIS Notice of Action letter (I-797) confirming application for permanent resident status. Students must provide required residency documentation in addition to the Notice of Action for residency consideration. In establishing domicile, the alien must be in a status that does not prohibit establishing domicile in this state for at least one year immediately preceding the official starting date of the semester.

Exception: In the event that an alien student's parent is allowed to claim the student as an exemption for state or federal tax purposes (3C.1.2.A) (E.G., The student is under 23 and not emancipated), the student's residence is deemed to the same as the parent's. If the parent holds a visa that is not listed in section 3 above, he or she would not be eligible to establish residency. In such circumstances, the student would likewise be barred notwithstanding his or her own filing of an I-485.

iii. Proving lawful presence in the United States

All applicants for instate tuition (and other public benefits) must first show at least one of the following documents in accordance with ARS 1-502 to demonstrate that they are lawfully present in the United States by presenting to the Registrar at least one of the following documents:

- An Arizona Driver's license issued after 1996 or an Arizona nonoperating identification license or an Arizona Instruction Permit
- A birth certificate or delayed birth certificate issued in any state, territory, or possession of the United States (A hospital record certificate and certified Abstract of Birth are not acceptable).
- An Arizona Driver's license issued after 1996 or an Arizona non-operating identification license.
- A birth certificate or delayed birth certificate issued in any state, territory, or possession of the United States.
- A United States certificate of birth abroad.
- A United States Passport.
- A Foreign Passport with a United States Visa.
- An I-94 Form with a Photograph.
- A United States Citizenship and Immigration Services Employment Authorization Document (Work Permit) or Refugee Travel Document.
- A United States Permanent Resident Card
- A United States Certificate of Naturalization.
- A United States Certification of Citizenship.
- A Tribal Certificate of Indian Blood.
- A Tribal or Bureau of Indian Affairs Affidavit of Birth.

Tribal Members*, the Elderly and "Persons with Disabilities or incapacity of the mind or body," may submit certain types of documents under Section 1903 of the Federal Social Security Act (42 UNITED STATES CODE 1396B, As Amended By Section 6036 Of The Federal Deficit Reduction Act of 2005)**

* A document issued by a federally recognized Indian tribe evidencing membership or enrollment in, or affiliation with, such tribe.

- ** If you think that this may apply, please contact the Legal Services Department for assistance.
- iv. Presumptions Relating to Student Status

Unless there is evidence to the contrary, the registering authority of the community college or university at which a student is registering will presume that:

- No emancipated person has established a domicile in this state while attending any educational institution in this state as a full-time student, as such status is defined by the community college district governing board or the Arizona Board of Regents, in the absence of a clear demonstration to the contrary.
- 2. Once established, a domicile is not lost by mere absence unaccompanied by intention to establish a new domicile.
- 3. A person who has been domiciled in this state immediately before becoming a member of the Armed Forces of the United States shall not lose instate status by reason of such person's presence in any other state or country while a member of the Armed Forces of the United States.
- v. Proof of Residency

When a student's residency is questioned, the following proof will be required.

- 1. In-State Residency
 - a. An affidavit signed by the student must be filed with the person responsible for verifying residency.
 - b. Any of the following may be used in determining a student's domicile in Arizona:
 - 1. Arizona income tax return
 - 2. Arizona Voter registration
 - 3. Arizona Motor Vehicle registration
 - 4. Arizona Driver's license
 - 5. Employment history in Arizona
 - 6. Place of graduation from high school
 - 7. Source of financial support
 - 8. Dependency as indicated on federal income tax return
 - 9. Ownership of real property

- 10. Notarized statement of landlord and/or employer
- 11. Transfer of major banking services to Arizona
- 12 Change of permanent address on all pertinent records
- 13. Other relevant information

2. County Residency

- a. An affidavit signed by the student must be filed with the person responsible for verifying domicile to prove continuous residency in a county for fifty (50) days, and
- b. Any of the following may be used to determine a student's county residency:
 - 1. Notarized statements of landlord and/or employer
 - 2. Source of financial support
 - 3. Place of graduation from high school
 - 4. Ownership of real property
 - 5. Bank accounts
 - 6. Arizona income tax return
 - 7. Dependency as indicated on a Federal income tax return
 - 8. Other relevant information

D. Concurrent Enrollment in Arizona Public Institutions of Higher Education (ARS §15-1807) (Appendix S-3)

Under Arizona Revised Statutes §15-1807, it is unlawful for any non-resident student to register concurrently in two or more public institutions of higher education in this state including any university, college or community college for a combined student credit hour enrollment of more than six (6) credit hours without payment of non-resident tuition at one of such institutions. Any non-resident student desiring to enroll concurrently in two or more public institutions of higher education in this state including any university or community college for a combined total of more than six (6) credit hours who is not subject to non-resident tuition at any of such institutions shall pay the non-resident tuition at the institution of his choice in an amount equivalent to non-resident tuition at such institution for the combined total of credit hours for which the non-resident student is concurrently enrolled.





Program Modifications, Additions and Deletions Summary

THIS SECTION SUPPLEMENTS THE PROGRAM INFORMATION IN THE 2015-2016 GENERAL CATALOG, PAGES 309-411. THE FULL TEXT OF NEW PROGRAMS AND MODIFICATIONS TO EXISTING CGCC PROGRAMS FOLLOWS THIS SUMMARY.

PROGRAM MODIFICATIONS			
Catalog Program Title and Academic Program Elements Mo		Program Elements Modified	First Effective Term
350	Computer Applications: Office Specialists/Core Level CCL 5644	Correction in: Required Course Credits to: 8.5.	Fall 2012
351	Computer Applications: Office Specialists/Expert Level	Correction in: Restricted Electives	Fall 2012
376	Fire Investigation CCL 5744	Changes in: Total Program Credits to 12, Description, Admission Criteria, Required Courses and Credits	Spring 2016
367	Meter Technology CCL 5636	Correction in: Total Program Credits to: 30	Fall 2009
386	Network Administration: Microsoft Windows Server CCL 5124 Network Administration: Correction in: Required Course Credits to: 18.		Summer I 2012
390	Nursing AAS 3812	Change in: Admission Criteria	Spring 2016
n/a	Paramedicine CCL 5513	New Certificate of Completion	Spring 2016
n/a	Social Media Marketing CCL 5830	New Certificate of Completion	Spring 2016
Corrections in: Restricted Electives Track I: Sustainability: Earth Systems, Track IV: Sustainability: Human Transformation of the Earth, Track V: Sustainability: Business and Entrepreneurship		Summer 2015	
382	Therapeutic Massage AAS 3144	Changes in: Restricted Electives, Category II: Hands-On and Category IV: Physical Activity	Spring 2016
380	Therapeutic Massage CCL 5144	Changes in: Restricted Electives, Category II: Hands-On and Category IV: Physical Activity	Spring 2016
407	Women's Studies AC 6225	Changes in: Restricted Electives	Spring 2016
AAS = Associate in Applied Science Degree			

AAS = Associate in Applied Science Degree CCL = Certificate of Completion

Computer Applications

Computer Applications: Office Specialist/Core Level

CERTIFICATE OF COMPLETION: CCL 5644

12.5 Credits

PROGRAM CONTACTS:

CATHY URBANSKI (480) 732-7011

cathy.urbanski@cgc.edu

PROGRAM DESCRIPTION

The Certificate of Completion (CCL) in Computer Applications: Office Specialist/ Core Level program is designed to provide the basic skills needed in the use of microcomputer software applications for entry-level employment as clerks, typists, word processors, receptionists, and other administrative support positions for a wide variety of employers. Course work includes the Windows operating system, the Internet, and software applications for word processing, electronic spreadsheet, database management, electronic mail, and presentation graphics. This certificate is designed to provide preparation for the Microsoft examinations for certification as a Microsoft Office Specialist (MOS).

PROGRAM NOTES:

Students must earn a grade of "C" or better for all courses required within the program.

+ indicates course has prerequisites and/or corequisites.

Overall program minimum G.P.A. = 2.00.

REQUIRED CO	OURSES:	8.5 CREDITS
BPC106AH	Microsoft Outlook:	Level I 0.5
CIS114AE	Excel: Level I	1
CIS117AM	Database Manage	ment:
	Microsoft Access –	
CIS118AB	PowerPoint: Level	
CIS121AE	Windows Operatin	g System:
	Level I	
+CIS113DE	Microsoft Word:	
	Word Processing	3
CIS133AA	Internet/Web Deve	lopment
	Level I-A	
RESTRICTED E	ELECTIVES:	4 CREDITS
ACC111	Accounting Princip	les I 3
+ACC115	Computerized Acco	ounting 2
BPC/		
OAS111AA	Computer Keyboar	ding 1
+BPC/		
OAS111AB	Computer Keyboar	ding 1
+CIS114BE	Excel: Level II	1
+CIS114CE	Excel: Level III	1
+CIS117BM	Database Manage	ment:
	Microsoft Access -	Level II 1
+CIS117CM	Database Manage	ment:
	Microsoft Access -	Level III 1
+CIS118BB	PowerPoint Level II	1
BPC128AF	Introduction to Des	ktop
	Publishing: MS Pub	olisher 1

+CIST33BA	Internet/Web Development
	Level I-B1
+CIS133CA	Internet/Web Development
	Level I-C 1
+CIS233AA	Internet/Web Development
	Level II-A (1) OR 1
+CIS233BA	Internet/Web Development
	Level II-B (1) OR 1
OAS108	Business English 3

Computer Applications: Office Specialist/Expert Level

CERTIFICATE OF COMPLETION: CCL 5024

25 Credits

PROGRAM CONTACT:

CATHY URBANSKI (480) 732-7011

cathy.urbanski@cgc.edu

PROGRAM DESCRIPTION

The Certificate of Completion (CCL) in Computer Applications: Office Specialist/ Expert Level program is designed to provide the advanced skills needed in the use of microcomputer software applications for employment as secretaries, executive secretaries and administrative assistants in organizations of every description. Course work includes business English, the Internet, presentation graphics, the Windows operating system along with advanced software applications for electronic mail,

word processing, electronic spreadsheet, and database management. Students who complete this certificate will be prepared for the Microsoft examinations for certification as a Microsoft Office Specialist (MOS).

PROGRAM NOTES:

Students must earn a grade of "C" or better in all courses within the program.

+ indicates course has prerequisites and/or corequisites.

Overall program minimum G.P.A. = 2.00.

REQUIRED CO	18 CREDITS	
BPC106AH	${\it Microsoft\ Outlook:}$	Level I 0.5
+BPC106BH	Microsoft Outlook:	Level II 0.5
CIS114AE	Excel: Level I	1
+CIS114BE	Excel: Level II	1
CIS117AM	Database Manager	ment:
	Microsoft Access – I	_evel
+CIS117BM	Database Manager	ment:
	Microsoft Access – I	_evel II 1
CIS118AB	PowerPoint Level I	1
CIS121AE	Windows Operating	g System:
	Level I	1
CIS113DE	Microsoft Word:	
	Word Processing	3
+CIS213DE	Advanced Microsof	t Word:
	Word Processing	3
CIS133AA	Internet/Web Devel	opment
	Level I-A	1
+CIS133BA	Internet/Web Devel	opment
	Level I-B	1
OAS108	Business English	3

RESTRICTED ELECTIVES: 7 CREDI			
ACC111	Accounting Principles I	3	
+ACC115	Computerized Accounting.	2	
BPC/			
OAS111AA	Computer Keyboarding I	1	
+BPC/			
OAS111AB	Computer Keyboarding II	1	
+CIS114CE	Excel: Level III	1	
+CIS117CM	Database Management:		
	Microsoft Access - Level III	1	
+CIS118BB	PowerPoint Level II	1	
BPC128AF	Introduction to Desktop		
	Publishing: MS Publisher	1	
CIS105	Survey of Computer		
	Information Systems	3	
+CIS133CA	Internet/Web Development		
	Level I-C	1	
+CIS233AA	Internet/Web Development		
	Level II-A	1	
+CIS233BA	Internet/Web Development		
	Level II-B	1	
GBS151	Introduction to Business	3	

Electric Utility Technology

Meter Technology

CERTIFICATE OF COMPLETION: CCL 5636

30 Credits

PROGRAM CONTACT:

MARK WEAVER (480) 988-8255

PROGRAM DESCRIPTION

The Certificate of Completion (CCL) in Meter Technology program is designed to prepare the student for the position of an apprentice-level meter technology worker who is familiar with the use of tools, materials, and the equipment of the electric utility industry. Students will be trained in meter installation and maintenance, testing and use of tools, truck and testing equipment operation.

PROGRAM NOTES:

Students must earn a grade of "C" or better in all courses within the program.

+ indicates course has prerequisites and/or corequisites.

ADMISSION CRITERIA:

Formal application and admission into the Electric Utility Technology Program is required.

PROGRAM PREREQUISITES: 6-8 CREDITS

Students must pass a physical examination in the twelve-month period prior to acceptance into the program.

Students must obtain a Commercial Drivers' License from the State of Arizona prior to completion of the Required Courses.

+ENG091	ENG091 Fundamental of Writing (3) OR			
Appropriate English placement test score 3				
+MAT090	Developmental Algebra (5) OR			
+MAT091	Introductory Algebra (4) OR			
+MAT092 Introductory Algebra (3) OR				
+MAT093	Introductory Algebra/Math			
Anxiety Reduction (5) OR				
Satisfactory score on District				
placement exam. 3-5				

REQUIRED COURSES: 30 CREDITS

Students must obtain First Aid/Cardiopulmonary Resuscitation (CPR) certification by the completion of EUT215.

+ENG101	First-Year Composition	. 3
+MAT122	Intermediate Algebra	. 3
EUT110	Line Work I	. 2
+EUT111	Meter Technology I	. 4
+EUT116	Meter Technology Lab I	. 6
+EUT210	Line Work II	. 2
+EUT212	Meter Technology II	. 4
+EUT216	Meter Technology Lab II	. 6

Fire Science Technology

Fire Investigation

CERTIFICATE OF COMPLETION: CCL 5744

12 Credits

PROGRAM CONTACT:

MATTHEW (MD) CLARK (480) 988-8101

PROGRAM DESCRIPTION

The Certificate of Completion (CCL) in Fire Investigation program is designed to provide the educational credentials needed to become industry certified as Fire Investigators. Fire Investigation series I-IV is the regional standard in Arizona for professional Fire Investigators in the private and public sectors. The Fire Investigation track of the related Associate in Applied Science (AAS) in Emergency Response and Operations degree integrates this CCL's specialized content within a more comprehensive program of study.

PROGRAM NOTES:

Students must earn a grade of "C" or better for all courses required within the program.

+ indicates course has prerequisites and/or corequisites.

Overall program minimum G.P.A. = 2.00.

ADMISSION CRITERIA:

Permission of program director.

PROGRAM PREREQUISITES: NONE

REQUIRED CO	12 CREDITS	
FSC209	Fire Investigation I.	3
+FSC210	Fire Investigation II	3
+FSC211	Fire Investigation III	3
+FSC212	Fire Investigation IV	′ 3

Paramedicine

CERTIFICATE OF COMPLETION: CCL 5513

47.5-62.5 Credits

PROGRAM CONTACT:

MATTHEW (MD) CLARK (480) 988-8101

PROGRAM DESCRIPTION

The Certificate of Completion (CCL) in Paramedicine program is designed to provide advanced techniques of emergency care, stabilization, and immobilization of victims of illness and injury. The techniques of emergency care include but are not limited to assessment, detailed physical examination, recognition and documentation of signs and symptoms of illness and injury, critical thinking and diagnosis intervention, and the evaluation of the interventions. The techniques of assessment include but are not limited to electrocardiograph rhythm identification, administration of oxygen, defibrillation,

synchronized cardioversion, transcutaneous pacing, and advanced airway techniques. The techniques for immobilization of the victim include but are not limited to the use of specific immobilization devices, peripheral intraosseous and central intravenous techniques, and preparation and care during transportation.

PROGRAM NOTES:

Students must earn a grade of "C" or better for all courses within the program.

+ indicates course has prerequisites and/or corequisites.

EMT/FSC104 requires students to complete additional hours in a competency-based clinical, vehicular, and/or scenario based experience. Depending on the college, this may be completed through EMT/FSC104AB or program director-approved rotation.

Overall program minimum G.P.A. = 2.00

ADMISSION CRITERIA:

Minimum tenth grade level reading proficiency as demonstrated by appropriate Reading placement exam.

Students may be required to complete a program entrance exam prior to starting Advanced level courses OR have Permission of Program Director.

PROGRAM P	REREQUISITES:	NONE	+EMT246	Trauma Management II (4)2-4
REQUIRED C	OURSES: 47.5-6	32.5 CREDITS	+EMT272AA	Advanced Emergency Medical Technology (12.5) AND
EMT101	Basic Life Support/		+EMT272AB	Advanced Emergency Medical
	Cardiopulmonary R (CPR) for Health	(esuscitation	E. (TO TO ! !	Technology (12.5)
	Care Providers (0.5	50) OR	+EMT272LL	Advanced Emergency Medical Technology Practicum (7.5) OR
Current valid	ation in Basic Life Sup	•	+EMT272LA	Advanced Emergency Medical
Health Care I	Provider/Professional	Rescuer (0)		Technology Practicum
D	OR	0.0.50		Part I (3.75) AND
	Program Director PA Emergency Medica		+EMT272LB	Advanced Emergency Medical
LIVII/10010	Technology (9) ANI			Technology Practicum Part II (3.75)
+EMT/FSC10)4AB Applied Practica	l Studies	EMT296WC	Cooperative Education (3) OR
	for Emergency Med		HCC145	Medical Terminology for
- ENT/ECC10	Technology (0.5) C 4 Emergency Medica			Health Care Workers (3) OR
+L1V11/13C1C	Technology (9) OR		HCC145AA	Medical Terminology for
Arizona State	EMT Certification (0)		+HCC145AR	Health Care Workers I (1) AND Medical Terminology for
	Paramedic Certification		1100110/10	Health Care Workers II (1) AND
	Program Director		+HCC145AC	Medical Terminology for
+EMT235	Basic ECG Rhythm and Interpretation in	•		Health Care Workers III (1) OR
	Emergency Setting		Permission of F BIO160	Program Director
+EMT236	Pharmacology in a		DIO 100	and Physiology4
	Emergency Setting			97
+EMT240	Advanced Cardiac			
+EMT242	Support (ACLS) Pediatric Advanced			
LIVITZIZ	Support (PALS) (1) (
+EMT265	Pediatric Education			
	Prehospital Provide			
ENATO AE	Advanced (1)			
+EMT245	Trauma Manageme	ent I (Z) OK		

Massage

Therapeutic Massage

CERTIFICATE OF COMPLETION: CCL 5144

39-43 Credits

PROGRAM CONTACT:

DR. GREGORY TRONE (480) 732-7289

As of the publication date of this Catalog the CCL 5144 Therapeutic Massage does not meet the definition of "eligible program" for the purposes of federal financial aid. Students will be notified of any program eligibility status changes that may occur prior to the next Catalog publication date.

PROGRAM DESCRIPTION

The Certificate of Completion (CCL) in Therapeutic Massage program is designed to provide students with the philosophical foundation and technical skills required to perform therapeutic massage. The program is designed to develop knowledge and skills to manage a private massage practice and/or work in collaboration with other health field professionals. In addition, the program is designed to meet the State of Arizona licensure qualifications. Students in the Therapeutic Massage program may be exposed to potentially infectious blood, tissues and body fluids. An Associate in Applied Science (AAS) degree is also available.

PROGRAM NOTES:

Students must earn a grade of "C" or better for all courses required within the program.

+ indicates course has prerequisites and/or corequisites.

Students must attend an orientation prior to applying to the program and be advised by the Program Director.

A special application must be completed to be officially accepted in the program. Contact the Program Director or Advisement to obtain the Therapeutic Massage Program packet.

Overall program minimum G.P.A. = 2.00.

ADMISSION CRITERIA:

High school diploma or GED. Completion of Program Prerequisites courses with a grade of "C" or better. Proof of current immunization: Measles, Mumps, and Rubella (MMR), tuberculosis skin test (TB), varicella, tetanus, diphtheria, and Hepatitis B vaccine (HEB). Successful completion of interview process. Have the ability to fully participate in classroom, laboratory, or clinical setting program activities. Submit current CPR card for Health Care Provider and maintain current status throughout the practicum(s). Complete and submit the health declaration form signed by a licensed health care provider. Submit to a drug screening and demonstrate negative results. Formal application and admission to the program are required.

BACKGROUND CHECK REQUIREMENTS:

Admission to an Allied Health program requires that students be in compliance with the Maricopa County Community College District Supplemental Background Check policy. Program applications will not be accepted without a copy of an Arizona Department of Public Safety Level One Fingerprint Clearance Card. Upon conditional program admission, the student must comply with all requirements of the current MCCCD background check policy.

PROGRAM PREREQUISITES: 11-15 CREDITS

Students must earn a grade of "C" or better for all courses in the Program Prerequisites area.

Students must select Option 1 or Option 2.

OPTION 1:	15 CREDITS
BIO160	Introduction to Human Anatomy
	and Physiology 4
HCC130	Fundamentals in Health
	Care Delivery 3
HCC145AA	Medical Terminology for Health
	Care Workers I 1
WED151	Introduction to Alternative
	Medicine3
WED165	Overview of Massage Therapy 2
WED215	Self-Care for Health
	Care Providers2

OPTION 2: 11 CREDITS

Option 2 is for students who have completed an Associate in Applied Science degree or higher degree in a health science discipline from a regionally accredited institution of higher education recognized by The Maricopa Community Colleges.

BIO160	Introduction to Huma and Physiology	•
WED151	Introduction to Alternation	ative
WED165	Overview of Massage	
WED215	Self-Care for Health (
	Providers	2
REQUIRED CO	OURSES: 2	24 CREDITS
MGT253	Owning and Operati Business (3) OR	ng a Small
WED204	Establishing a Massag	ge
	Practice (3)	-
+WED230	Therapeutic Massage	
	Practices I	
+WED231	Therapeutic Massage	:
	Practices II	6
+WED232	Therapeutic Massage	:
	Practices III	6
+WED250	Clinical Practicum (3)	OR
+WED250AA	Clinical Practicum: Po	art I (1.5)
+WED250AB	Clinical Practicum: Po	art II (1.5). 3
RESTRICTED E		4 CREDITS
Students must for a total of fo	select from different o our (4) credits.	categories
Student should	d select from the follo	wina
	consultation with the F	•
Director.		3
CATEGORY I	: General	
HES100	Healthful Living	3
HES271	Prevention and Treatr	ment of
	Athletic Injuries	3
WED297AC	Special Topics:	

CATEGORY I	I: Hands-on	PED201TC	Tai Chi - Advanced (1) 1
Permission of Program Director is required.		PED101YO	Yoga (1) OR
WED125 WED135	Reiki: Healing and Symbols 2 Gentle Touch for Individuals Living with Cancer	PED102YO PED103YO	Yoga - Intermediate (1) OR Yoga (0.5) (May be repeated) (1) OR
+WED210 WED262 WED297AB	Sports Massage	PED201YO PED/WED121	Yoga - Advanced (1)
	Therapeutic Massage2	Therapeu	ıtic Massage
CATEGORY I	II: Specialty Exploration	_	_
WED156	Humor and Play1		IN APPLIED SCIENCE:
WED160	Ethics of Touch Massage 0.5	AAS 3144	
WED162	Meditation and Wellness 1	61-68 Credits	3
WED170	Principles of Homeopathy 1	PROGRAM (CONTACT:
WED172	Overview of Herbal Remedies . 1	DR. GREGO	
WED176	Flower Essences	(480) 732-72	89
WED182	Health Conditions and	PROGRAM	DESCRIPTION
	Popular Herbs2	The Associate	in Applied Science (AAS) in
WED183	Introduction to Ayurvedic		Massage program is designed
	Principles 2	•	
WED218	Aromatherapy1	·	dents with the philosophical
WED228	Aromatherapy: Therapeutic		d technical skills required to
	Applications2	pertorm thera	peutic massage. The program
WED297AA	Special Topics:	is designed to	develop knowledge and
	Therapeutic Massage1	skills to manag	ge a private massage practice
Category IV:	Physical Activity	and/or work i	n collaboration with other
PED101AK	Aikido (1) OR	health field pr	ofessionals. In addition, the
PED102AK	Aikido - Intermediate (1) OR	program is de	signed to meet the State of
PED101PS	Pilates (1) OR	Arizona licens	ure qualifications. Students
PED102PS	Pilates - Intermediate (1) OR		eutic Massage program may
PED103PS	Pilates (0.5)	•	potentially infectious blood,
	(May be repeated)(1) OR	•	•
PED201PS	Pilates - Advanced (1) 1		ody fluids. A Certificate of
PED101TC	Tai Chi (1) OR	Completion (C	CCL) is also available.
PED102TC	Tai Chi - Intermediate (1) OR		
PED103TC	Tai Chi (0.5)		
	(May be repeated)(1) OR		

PROGRAM NOTES:

Students must earn a grade of "C" or better for all courses required within the program.

+ indicates course has prerequisites and/or corequisites.

Students must attend an orientation prior to applying to the program and be advised by the Program Director.

A special application must be completed to be officially accepted in the program.

Contact the Program Director or Advisement to obtain the Therapeutic Massage Program packet.

Overall program minimum G.P.A. = 2.00.

ADMISSION CRITERIA:

High school diploma or GED. Completion of Program Prerequisites courses with a grade of "C" or better. Proof of current immunization: Measles, Mumps, and Rubella (MMR), tuberculosis skin test (TB), varicella, tetanus, diphtheria, and Hepatitis B vaccine (HEB). Successful completion of interview process. Have the ability to fully participate in classroom, laboratory, or clinical setting program activities. Submit current CPR card for Health Care Provider and maintain current status throughout the practicum(s). Complete and submit the health declaration form signed by a licensed health care provider. Submit to a drug screening and demonstrate negative results. Formal application and admission to the program are required.

BACKGROUND CHECK REQUIREMENTS:

Admission to an Allied Health program requires that students be in compliance with the Maricopa County Community College District Supplemental Background Check policy. Program applications will not be accepted without a copy of an Arizona Department of Public Safety Level One Fingerprint Clearance Card. Upon conditional program admission, the student must comply with all requirements of the current MCCCD background check policy.

PROGRAM PREREQUISITES: 11-15 CREDITS Students must earn a grade of "C" or better for all courses in the Program Prerequisites area. Students must select Option 1 or Option 2.

15 CREDITS
Introduction to Human
Anatomy and Physiology 4
Fundamentals in
Health Care Delivery3
Medical Terminology for
Health Care Workers I1
Introduction to Alternative
Medicine 3
Overview of
Massage Therapy 2
Self-Care for Health
Care Providers2

an Associate i higher degree from a region	11 CREDITS r students who have completed n Applied Science degree or in a health science discipline ally accredited institution of ion recognized by The Maricopa olleges.	Category I. HES100 HES271	Healthful Living	
BIO160	Introduction to Human Anatomy and Physiology 4	WED297AC	Special Topics: Therapeutic Massage	
WED151	Introduction to Alternative Medicine	Select a minir	II: Hands-on num of one (1) course from	
WED165 WED215	Overview of Massage Therapy 2 Self-Care for	required.	Permission of Program Director is	
	Health Care Providers2	WED125 WED135	Reiki: Healing and Symbols 2 Gentle Touch for Individuals	
REQUIRED CO	OURSES: 24 CREDITS		Living with Cancer2	
MGT253	Owning and Operating a	+WED210	Sports Massage2	
	Small Business (3) OR	WED262	Acupressure/Shiatsu I 2	
WED204	Establishing a Massage	WED297AB	Special Topics: Therapeutic	
	Practice (3)		Massage 2	
+WED230	Therapeutic Massage	CATECORY	III. Caratalia Eralaantaa	
	Practices I6	CATEGORY III: Specialty Exploration Select a minimum of one (1) course from		
+WED231	Therapeutic Massage	Category III.		
	Practices II6	WED156	Humor and Play 1	
+WED232	Therapeutic Massage	WED160	Ethics of Touch Massage 0.5	
	Practices III6	WED162	Meditation and Wellness 1	
+WED250	Clinical Practicum (3) OR	WED170	Principles of Homeopathy 1	
+WED250AA	Clinical Practicum: Part I (1.5)	WED172	Overview of Herbal Remedies . 1	
	AND	WED176	Flower Essences 1	
+WED250AB	Clinical Practicum: Part II (1.5). 3	WED182	Health Conditions and	
			Popular Herbs2	
RESTRICTED E		WED183	Introduction to Ayurvedic	
Students must select a minimum of one (1)			Principles2	
	ach category for a total of eight	WED218	Aromatherapy 1	
(8) credits.		WED228	Aromatherapy: Therapeutic Applications	
		WED297AA	Special Topics: Therapeutic Massage	

	IV: Physical Activity	Critical Reading	
Select a minimum of one (1) course from		+CRE101 College Critical Reading (3) OR	
Category IV.		Equivalent as indicated by assessment0-3	
PED101AK	Aikido (1) OR		
PED102AK	Aikido - Intermediate (1) OR	Mathematics	
PED101PS	Pilates (1) OR	+Any approved general education course in the	
PED102PS	Pilates - Intermediate (1) OR	Mathematics area3	
PED103PS	Pilates (0.5)	DISTRIBUTION	
	(May be repeated) (1) OR	DISTRIBUTION: 6 CREDITS	
PED201PS	Pilates - Advanced (1) 1	Humanities and Fine Arts	
PED101TC	Tai Chi (1) OR	Any approved general education course in the	
PED102TC	Tai Chi - Intermediate (1) OR	Humanities and Fine Arts area	
PED103TC	Tai Chi (0.5)	Tromatilies and time 7 his area	
	(May be repeated) (1) OR	Social and Behavioral Sciences	
PED201TC	Tai Chi - Advanced (1) 1	REC120 Leisure and the Qualify of Life 3	
PED101YO	Yoga (1) OR	·	
PED102YO	Yoga - Intermediate (1) OR	Natural Sciences	
PED103YO	Yoga (0.5)	Met by BIO160 in Program Prerequisites area .	
	(May be repeated) (1) OR		
PED201YO	Yoga - Advanced (1)1		
PED/WED121 Physical Conditioning for			
	Massage Therapists 1		
	Massage Merapisis		
General Edu			
General Edu			
Core:	ucation: 18-21 Credits 12-15 Credits		
Core: First-Year C	ucation: 18-21 Credits 12-15 Credits omposition		
Core: First-Year C +ENG101	18-21 Credits 12-15 Credits omposition First-Year Composition (3) OR		
Core: First-Year C	Display to the control of the contro		
Core: First-Year C +ENG101 +ENG107	ncation: 18-21 Credits 12-15 Credits omposition First-Year Composition (3) OR First-Year Composition for ESL (3) AND		
Core: First-Year C +ENG101 +ENG107 +ENG102	Display to the composition: 18-21 Credits 12-15 Credits Omposition First-Year Composition (3) OR First-Year Composition for ESL (3) AND First-Year Composition (3) OR		
Core: First-Year C +ENG101 +ENG107	ncation: 18-21 Credits 12-15 Credits omposition First-Year Composition (3) OR First-Year Composition for ESL (3) AND		
Core: First-Year C +ENG101 +ENG107 +ENG102 +ENG108	Discation: 18-21 Credits 12-15 Credits Omposition First-Year Composition (3) OR First-Year Composition for ESL (3) AND First-Year Composition (3) OR First-Year Composition for ESL (3)		
Core: First-Year C +ENG101 +ENG107 +ENG102 +ENG108 Oral Comm	Discretion: 18-21 Credits 12-15 Credits Omposition First-Year Composition (3) OR First-Year Composition for ESL (3) AND First-Year Composition (3) OR First-Year Composition for ESL (3)		
Core: First-Year C +ENG101 +ENG107 +ENG102 +ENG108 Oral Comm +Any approve	Discation: 18-21 Credits 12-15 Credits Omposition First-Year Composition (3) OR First-Year Composition for ESL (3) AND First-Year Composition (3) OR First-Year Composition for ESL (3)		

Microsoft Networking

Network Administration: Microsoft Windows Server

CERTIFICATE OF COMPLETION: CCL 5124

18 Credits

PROGRAM CONTACT:

LINDA WATSON ~ (480) 732-7191

linda.watson@cgc.edu

PROGRAM DESCRIPTION

The Certificate of Completion (CCL) in Network Administration: Microsoft Windows Server program provides students with background knowledge and skills required for learning the specific tasks and industry recognized standards associated with computer networks and data communications. This program also prepares students to complete the required certification tests for Microsoft Administrator.

PROGRAM NOTES:

Students must earn a grade of "C" or better for all courses within the program.

- + indicates course has prerequisites and/or corequisites.
- ++ indicates any module/suffixed courses.

The Network core courses will also prepare students towards certification in Microsoft and Novell.

Overall program minimum G.P.A. = 2.00.

PROGRAM PREREQUISITES: NONE					
REQUIRED CO	OURSES:	15 CREDITS			
+MST150	Microsoft Windows				
	Professional (3) OR				
+MST150++	Microsoft Windows	(any			
	suffixed course) (3)	3			
+MST155++	Windows Server Ne	etwork			
	(any suffixed course	•			
+MST157++	Windows Server (ar	•			
	course)				
+MST158++	Windows Server (ar	•			
	course)	4			
RESTRICTED I	ELECTIVES:	3 CREDITS			
Students must select three (3) credits from the					
following cour	ses:				
CIS121AH	Microsoft PowerShe	ell/			
	Command Line Op				
+CIS126++	Linux Operating Sys				
	(any suffixed course	•			
+CIS166AC	Web Scripting with				
	Server Pages (ASP).				
+CIS197	VMware ESXI Serve				
CICOOO	Enterprise	3			
+CIS238++	UNIX/Linux System	((· 1			
	Administration (any				
CICOZ/DD	course) SQL Server Databa				
+CIS276DB CNT++++					
CIVITTT	Any CNT Cisco Ne				
MST++++	Technology course Any MST Microsoft				
141011 1-1-1-1-1	course except cours	٠,			
	to satisfy Required (
	io sullsty Nequileu (

area1-4

Nursing

Nursing

ASSOCIATE IN APPLIED SCIENCE: AAS 3812

62-75 Credits

PROGRAM CONTACTS:

NURSING ADVISOR (480) 988-8880

NURSING OFFICE (480) 988-8881

DIRECTOR OF NURSING (480) 988-8865

PROGRAM DESCRIPTION

The Associate in Applied Science (AAS) in Nursing Program is available at eight of the Maricopa Community Colleges. Clinical experiences are provided in a variety of healthcare settings. Nursing Program graduates are eligible to apply for the national exam for the registered nurse license. Licensing requirements are the exclusive responsibility of the State Board of Nursing.

The Associate in Applied Science (AAS)
Nursing Program is approved by the Arizona
State Board of Nursing and accredited by
the Accreditation Commission for Education
in Nursing (ACEN), 3343 Peachtree
Road NE, Suite 850, Atlanta, GA 30326;
(404.975.5000);

email: info@acennursing.org

PROGRAM OFFERINGS

This program is offered at the following sites:

Chandler-Gilbert Community College

Estrella Mountain Community College

Gateway Community College

Glendale Community College

Mesa Community College

Paradise Valley Community College

Phoenix College

Scottsdale Community College

WAIVER OF LICENSURE/ CERTIFICATION GUARANTEE

Admission or graduation from the Nursing Program does not guarantee obtaining a license to practice nursing. Licensure requirements and the subsequent procedures are the exclusive right and responsibility of the Arizona State Board of Nursing. Students must satisfy the requirements of the Nurse Practice Act: Statutes, Rules and Regulations, independently of any college or school requirements for graduation.

Pursuant to A.R.S. 32-1606(B)(17), an applicant for professional or practical nurse license by examination is not eligible for licensure if the applicant has any felony convictions and has not received an absolute discharge from the sentences for all felony convictions. The absolute discharge must be

received five or more years before submitting this application. If you cannot prove that the absolute discharge date is five or more years, the Board cannot process your application.

Level One Fingerprint Clearance is required for admission into the program. Applicants must present a Level One Fingerprint Clearance Card to be copied by the advisor or designee. For a Department of Public Safety Fingerprint Clearance Card application, contact MCCCD Healthcare/Nursing Advisor. If there is any question about eligibility for licensure or certification, contact the nursing education consultant at the Arizona State Board of Nursing (602.771.7800).

HEALTH DECLARATION

It is essential that nursing students be able to perform a number of physical activities in the clinical portion of the program. At a minimum, students will be required to lift patients, stand for several hours at a time and perform bending activities. Students who have a chronic illness or condition must be maintained on current treatment and be able to implement direct patient care. The clinical nursing experience also places students under considerable mental and emotional stress as they undertake responsibilities and duties impacting patients' lives. Students must be able to demonstrate rational and appropriate behavior under stressful conditions. Individuals should give careful consideration to the

mental and physical demands of the program prior to making application. All must provide documentation of compliance with all health and safety requirements required to protect patient safety. Only students in compliance are permitted to enroll in nursing courses. Students will meet these requirements by providing the required documentation for the Health/Safety Requirements Documentation Checklist and the signed Health Declaration Form.

HEALTH & SAFETY REQUIREMENTS FOR THE MARICOPANURSING PROGRAM

- Students must submit a Health and Safety Documentation Checklist verifying completion of all requirements and maintain current status throughout the program.
- Students must submit the Health Declaration Form signed by a licensed health care provider.
- 3. Students must test negative on a timed urine drug screen.
- 4. Admission to an Allied Health program requires that students be in compliance with the Maricopa County Community College District Supplemental Background Check policy. Program applications will not be accepted without a copy of an Arizona Department of Public Safety Level One Fingerprint Clearance Card. Upon conditional program admission, the student must comply with all requirements of the current MCCCD background check policy.

UNIVERSITY TRANSFER STUDENTS

Students who are planning to earn the Bachelor of Science in Nursing may obtain their prerequisite courses at the Maricopa Community Colleges. For information on courses that meet requirements for admission into a baccalaureate program, please contact a program advisor.

REGISTERED NURSE PATHWAY

Associate in Applied Science Degree in Nursing Program

The Associate in Applied Science (AAS) degree in Nursing graduate is eligible to apply for licensure as a Registered Nurse (RN). The RN is educated as a generalist who delivers health care to clients and family groups and has competencies related to the art and science of nursing. The RN may be employed in a variety of acute, long term, and community-based healthcare settings. The AAS degree in Nursing provides the graduate with an educational foundation for articulation into the university setting.

PROGRAM NOTES:

Students must earn a grade of "C" or better in all courses required within the program.

+ indicates course has prerequisites and/or corequisites.

Course Fee Information:

Please see class schedule for information regarding course fees.

MaricopaNursing is aligned with Nurse of the Future Competencies: Patient-Centered Care, Professionalism, Leadership, Systems-Based Practice, Informatics and Technology, Communication, Teamwork and Collaboration, Safety, Quality Improvement, and Evidence-Based Practice. These competencies focus on key stakeholders of healthcare clients, colleagues and communities. Demonstration of the competencies will signify preparation for successful transition into nursing practice and further professional development.

ADMISSION CRITERIA:

High School diploma or GED is required for the Associate in Applied Science degree in Nursing. Applicants must signify that they meet this requirement by providing high school diploma/transcripts or GED completion OR by signing the nursing application page containing the `Declaration of High School Graduation or GED completion`. In some instances, high school diploma/transcripts or proof of GED completion may be required.

Formal application and admission to the program is required; all program prerequisites must be completed prior to submission of application.

A passing score on a nursing program admission test is required to complete an application.

Applicants for Advanced Placement must receive a passing score on a practical nursing content exam for placement into Block 3.

The final decision rests with the Nursing Program Chair at the College to which the student is accepted.

The Nursing Program Chair reserves the right to deny acceptance of an admission application if the applicant was previously dismissed for issues relating to academic integrity, unsafe patient care, and/or two (2) or more failures from any nursing program.

All applicants holding or receiving a certificate as a Nursing Assisting and/or license as a Practical Nurse must remain in good standing with the Regulatory Board. Once enrolled, students receiving any disciplinary actions against their certificate or license must notify the Nursing Program Chair within five (5) school days. The Nursing Program Chair reserves the right to restrict the student's participation in clinical experiences and involvement in patient care until the certificate and/or license is valid and unrestricted.

PROGRAM PREREQUISITES 10-20 CREDITS

The credit hour range is subject to change depending on the student's educational experience.

•	
+BIO156	Introductory Biology for Allied Health (4) OR
+BIO181	General Biology (Majors) I (4) OR
	One year of high school
	biology0-4
+BIO201	Human Anatomy and
	Physiology I 4
+CHM130	Fundamental Chemistry (3) AND
+CHM130LL	Fundamental Chemistry
	Laboratory (1) OR
	One year of high school
	chemistry0-4
+ENG101	First-Year Composition (3) OR
+ENG107	First-Year Composition
	for ESL (3)
+MAT140	College Mathematics (5) OR
+MAT141	College Mathematics (4) OR
+MAT142	College Mathematics (3) OR
	Satisfactory completion of
	higher level math
	course3-5

Students that are admitted into the MaricopaNursing Program for Fall 2015 and Spring 2016, AND completed MAT120/121/122 prior to Fall 2015 as an admission requirement, may complete the program without completing MAT140/141/142 as a graduation requirement, by waiver of the program director.

REQUIRED C	OURSES:	36 CREDITS	Mathemati	cs
+NUR152	Nursing Theory a	nd	Met by MAT	140, OR MAT141, OR MAT142
	Science I	9	OR	
+NUR172	Nursing Theory a	nd	Satisfactory o	completion of higher level
	Science II	9	mathematics	course in Program
+NUR252	Nursing Theory a	nd	Prerequisites	area 0
	Science III	9		
+NUR283	Nursing Theory a	nd	DISTRIBUTION	ON: 13 CREDITS
	Science IV	9	Humanities	s and Fine Arts
GENERAL ED	OUCATION: 1	6-19 CREDITS	Any approve	d general education course in the Arts and Design area2
CORE:		3-6 CREDITS		
F:				Behavioral Sciences
First-Year C	•		PSY101	Introduction to Psychology 3
, ,	dits of First Year Con		Natural Sci	ences
	NG101 or ENG107	in Program	+BIO202	Human Anatomy and
Prerequisites (Physiology II (4) AND
	First-Year Compo		+BIO205	Microbiology (4) 8
+ENG108	First-Year Compo			
	for ESL (3)	3		
Oral Comm	nunication			
		0		
Critical Rea	ding			
CRE101	College Critical R	•		
	OR Equivalent by			
	assessment	0-3		

Social Media Marketing

Social Media Marketing

CERTIFICATE OF COMPLETION: CCL 5830

17-20 Credits

PROGRAM CONTACTS:

NICKI MAINES (480) 732-7394

PROGRAM DESCRIPTION

The Certificate of Completion (CCL) in Social Media Marketing is designed to provide useful skills important in a variety of strategic marketing areas, e.g., social media, digital communications, integrated marketing, media relations, and brand management.

PROGRAM NOTES:

Students must earn a grade of "C" or better for all courses required within the program.

+ indicates course has prerequisites and/or corequisites.

Overall program minimum G.P.A. = 2.00.

PROGRAM PREREQUISITES: 0-3 CREDITS

+ENG101 First-Year Composition (3) OR +ENG107 First-Year Composition for

ESL (3) OR

Permission of Department or Division (0) 0-3

REQUIRED COURSES:		17 CREDITS
CIS103	Introduction to Soci	al
	Media	3
+GBS233	Business Communic	cation (3) OR
+JRN203	Writing for Online A	Лedia (3) 3
MKT271	Principles of Market	ing3
MKT110	Marketing and Soci	al
	Networking	3
+MKT111	Applied Marketing	and
	Social Networking	3
+GBS282AB	Volunteerism Gener	ral
	Business: Service Le	arning
	Experience (2) OR	-
+MKT280AB	Marketing Internship	o (2) OR
+MKT296WB	Cooperative Educa	tion (2) OR
+MKT298AB	Special Projects (2).	2

Sustainability

Sustainability

ACADEMIC CERTIFICATE: AC 6240

15-17 Credits

PROGRAM CONTACTS:

CHRIS SCHNICK

PROGRAM DESCRIPTION

The Academic Certificate (AC) in Sustainability is interdisciplinary and builds a strong academic expertise along one of five significant pillars of sustainability, where students will examine and assess how to minimize unintended consequences and enhance a mutually productive relationship between man and nature. The five pillars are organized into specialized tracks, including land use and human transformations of the earth, competition for water and other natural resources from the earth systems, political and economic treatment of the earth, coupled human-environment interactions, and entrepreneurship for transforming ideas for sustainable products/services into viable businesses.

PROGRAM NOTES:

Students must earn a grade of "C" or better for all courses required within the program.

+ indicates course has prerequisites and/or corequisites.

Overall program minimum G.P.A. = 2.00.

PROGRAM PREREQUISITES: 0-3 CREDITS

Current English assessment reflecting eligibility for ENG101 OR ENG107 OR Satisfactory completion of

+ENG101	First-Year Composition (3) OR
+ENG107	First-Year Composition for
	ESL (3) OR

Permission of Department or Division (0) 0-3

REQUIRED CO	OURSES:	6 CREDITS
SSH111	Sustainable Cities .	3
SUS110	Sustainable World	3

RESTRICTED ELECTIVES: 9-11 CREDITS

Students must select one (1) of the following five (5) tracks:

Track I: Sustainability: Earth Systems.. 10-11

Students must choose two (2) courses from the following list:

AGS260	Origin and Composition of	
	Soils	1
ASM104	Bones, Stones, and Human	
	Evolution	1
BIO105	Environmental Biology	1
+BIO182	General Biology (Majors) II 4	1
CHM107	Chemistry and Society (3) AND	
CHM107LL	Chemistry and Society	
	Laboratory (1)	1
GLG110	Geological Disasters and the	
	Environment (3) AND	
GLG111	Geological Disasters and the	
	Environment Lab (1)	1
GLG140	Introduction to	
	Oceanography	3
+GPH211	Landform Processes	1

GPH213	Introduction to Climatology (3)	COM263	Elements of Intercultural
	AND		Communication 3
GPH215	Introduction to Climatology	ECN212	Microeconomic Principles 3
	Laboratory (1) 4	+ECN263	The Economics of Natural
			Resources, Population
	choose one (1) course from the		and the Environment 3
following list:		GCU102	Introduction to Human
ASB226	Human Impacts on Ancient		Geography 3
6011010	Environment	GCU141	Introduction to Economic
COM263	Elements of Intercultural		Geography 3
E) II 100 /	Communication	+HRM290	Ecotourism 3
ENH206	Nature and Environmental	POS120	World Politics 3
E) II 10 / 0	Literature	PSY132	Psychology and Culture 3
ENH260	Literature of the Southwest 3	SBU200	Society and Business 3
GCU102	Introduction to Human	SOC180	Social Implications of
CCI 11 41	Geography		Technology 3
GCU141	Introduction to Economic		
1 11 11 4001	Geography3		choose one (1) to two (2)
HUM201	Humanities: Universal		the following list:
DI IIO1 /	Themes	BIO105	Environmental Biology
PHI216	Environmental Ethics	CHM107	Chemistry and Society (3) and
POS120	World Politics	CHM107LL	Chemistry and Society
+RDG112	Successful College Reading for	EV 11 100 /	Laboratory (1)
	Life Sciences, Mathematics,	ENH206	Nature and Environmental
	Physical Sciences or	E) II 10 (0	Literature
0011000	Technology	ENH260	Literature of the Southwest 3
SBU200	Society and Business	GLG110	Geological Disasters and the
SOC251	Social Problems 3	0.0	Environment (3) AND
Track II: Susta	ainability: Social, Political,	GLG111	Geological Disasters and the
Economic Tre	eatment of the Earth9-10	0.511.5.5	Environment Lab (1)
		+GPH210	Society and Environment 3
	hoose two (2) courses from the	HUM201	Humanities: Universal Themes. 3
following list:		PHI216	Environmental Ethics
ASB102	Culture in a Globalizing		
	World 3		

	stainability: Coupled Human- t Systems9-10	+GPH210 PHI104 POS120	Society and Environment 3 World Philosophy 3 World Politics
following list:			stainability: Human tion of the Earth9-11
ASB102	Culture in Globalization	Transforma	non of the Edith 9-11
ASB222	World	following list	
ASB223	Buried Cities and Lost Tribes:	ASB100	Introduction to Global
ASB226	New World (3)3 Human Impacts on Ancient	ASB226	Health
COM263	Environments	CNS205	Sustainable Construction/ LEED Certification
ENH206	Communication	ECE101	Origins of Science and Engineering
ENH260	Literature	ECE111 FON135	Bioengineering Systems
HUM201	Humanities: Universal Themes	FON143 FON161	Food and Culture
PHI216 REC150AB	Environmental Ethics		Systems 3
		HES210	Cultural aspects of Health and
Students will from the follo	choose one (1) to two (2) course owing list:	+INT170	Illness
ASM104	Bones, Stones, and Human Evolution4	SCT100	Introduction to Sustainable Built Environments3
BIO105 BIO108	Environmental Biology 4 Plants and Society 4	+SCT271AA	Sustainable Design Internship (1) OR
+BIO182 CHM107	General Biology (Majors) II 4 Chemistry and Society (3) and	+SCT271AB	Sustainable Design Internship (2)1-2
CHM107LL	Chemistry and Society	SOC180	Social Implications of Technology
GLG110	Laboratory (1)	WED124	Environmental Wellness 3
GLG111	Geological Disasters and the		

Track V: Sustainability: Business and Entrepreneurship10-11		
Students will confollowing list:	hoose one (1) option from the	
EPS150	Introduction to	
	Entrepreneurship (3) AND	
EPS195	Business Start-Up and	
	Planning (2) 5	
MGT253	Owning and Operating a	
	Small Business (3) AND	
+MGT298AA	Special Project (1) OR	
+SSH298AA	Special Project(1) 4	
Students will c	hoose one (1) option from the	
GBS151	Introduction to Business (3) OR	
GBS205	Legal, Ethical and Regulatory	
	Environment of Business (3) 3	
Students will c following list:	hoose one (1) option from the	
ECN212	Microeconomics (3) OR	
SBU200	Society and Business (3) 3	

Women's Studies

Women's Studies

ACADEMIC CERTIFICATE: AC 6225

15 Credits

PROGRAM CONTACT:

DONNA THOMPSON (480) 857-5534

PROGRAM DESCRIPTION

The Academic Certificate (AC) in Women's Studies is an intensive interdisciplinary liberal arts certificate program, provides students with tools and opportunities to discuss and critique historical and contemporary theories and practices of feminism(s). The curriculum enables students to write well, think critically and analyze problems effectively. Students complete a variety of courses focusing on women's experiences and perspectives, exploring topics such as history, culture, class, race, ethnicity, sexuality and gender in order to help bring about equality, understanding, and peace. These courses are culturally responsive to the diversity of one half of the world's people, their work, and their impact on multicultural societies.

PROGRAM NOTES:

Students must earn a grade of "C" or better in all courses required within the program.

- + indicates course has prerequisites and/or corequisites.
- ++ indicates any module/suffixed courses.

Overall program minimum G.P.A. = 2.00.

REQUIRED COURSES: 3 CREDITS		
WST100	Introduction to Wome	en`s and
	Gender Studies	3
RESTRICTED E	LECTIVES:	12 CREDITS
ASB211	Women in Other Cu	ltures 3
ENH/WST284	19th Century Womer	n Writers 3
ENH/WST285	Contemporary Wom	en Writers 3
HIS201	History of Women in	America 3
HLR/WST286	Women and Health:	Body/
	Mind/Spirit/Connecti	ion 3
HUM/WST209	Women and Films	3
+PSY235	Psychology of Gende	er3
REL/WST290	Women and World R	Religion 3
SOC212	Gender and Society.	3
WST120	Gender, Class, and F	Race 3
AJS/WST128	Law and Violence Ag	ainst
	Women	3
WST160	Women and the Earl	у
	American Experience	3
WST161	American Women Si	
WST200	Essential Feminist Wr	iting 3





Course Modifications, Additions and Deletions Summary

THIS SECTION SUPPLEMENTS THE COURSE INFORMATION IN THE 2015-2016 GENERAL CATALOG, PAGES 411-582. THE FULL TEXT OF NEW AND MODIFIED COURSES FOLLOWS THIS SUMMARY.

	COURSE MODIFICATIONS			
Catalog Page	Course	Course Elements Modified	First Effective Term	
448	BIO182	Requisites	Spring 2016	
494	EMT235	Requisites	Spring 2016	
494	EMT236	Description, Requisites, Course Notes	Spring 2016	
508	ESL087	Title, Description	Spring 2016	

BIO - Biology

BIO182 / 4 CREDITS / 6 PERIODS

SUN BIO 1182

GENERAL BIOLOGY (MAJORS) II

The study and principles of structure and function of living things at cellular, organismic, and higher levels of organization. A detailed exploration of the mechanisms of evolution, biological diversity, biology of organisms, and ecology. Prerequisites: A grade of "C" or better in BIO181 or BIO181XT. Course Notes: BIO182 may require field trips.

EMT - Emergency Medical Technology

EMT235 / 3 CREDITS / 3 PERIODS

BASIC ECG RHYTHM ANALYSIS AND INTERPRETATION IN THE EMERGENCY SETTING

Designed to provide the allied healthcare provider with basic skills in analysis and interpretation of sinus, atrial, junctional and ventricular rhythms from electrocardiographs (ECG) in the emergency setting. Also addresses heart block and electronically paced rhythms. Prerequisites: Current basic life support (BLS) healthcare provider/professional rescuer card and (EMT/FSC104 or permission of Instructor).

EMT236 / 3 CREDITS / 3 PERIODS

PHARMACOLOGY IN AN EMERGENCY SETTING

Designed for the allied healthcare provider to integrate knowledge of pharmacology and pharmacologic agents to formulate a management plan in the emergency setting. Includes principles of pharmacology, pharmacokinetics, pharmacodynamics, physiology of pharmacology, calculating medication dosages, and medication profiles. Prerequisites: Current basic life support (BLS) healthcare provider/professional rescuer card and (EMT/FSC104 or permission of Instructor). MAT082 or higher suggested but not required.

ESL - English as a Second Language

ESL087 / 3 CREDITS / 3 PERIODS

PREPARATORY ACADEMIC WRITING II FOR ESL

Emphasizes preparation for college-level composition and related reading tasks with a focus on critical writing, reading, and thinking skills and processes. Prerequisites: Appropriate writing placement test score, or grade of C or better in ESL077 or ENG071, or permission of Department or Division.

Shared Unique Number (SUN) System SUN

The Shared Unique Number (SUN) System helps students identify courses that will directly transfer among Arizona's community colleges and three public universities. Using the SUN System, students can easily search for and enroll in courses that offer direct equivalency at other Arizona colleges and universities. SUN courses have their own unique course number and prefix listed alongside each college's course number.

Additional information about SUN System can be found at www.azsunsystem.com

Chandler-Gilbert Community College

Empowers Learners
Inspires Excellence
Strengthens Our Communities

SUCCEEDS

CHANDLER-GILBERT COMMUNITY COLLEGE 2626 East Pecos Road | Chandler, AZ 85225 480.732.7000 | cgc.edu







