

Mesa Community College Licensure and Certification – AY2016-2017

Students in Dental Hygiene, Fire Science, Mortuary Science, Network Academy, Nursing, Veterinary Technology and Welding programs are able to receive licensure from outside licensure bodies after their studies at Mesa Community College. Data on licensure is presented below for these programs.

Dental Hygiene

Dental hygiene students take a national written exam, a regional practical and written exam, and a state written jurisprudence exam. Students must pass all exams in order to obtain a license to practice. Results are obtained from the national and regional examining bodies.

Table 1

Mesa Community College Dental Hygiene Program Licensure Rates		
AY Year	Total # Graduates	Licensure Rate
2007-2008	16	100%
2008-2009	16	100%
2009-2010	19	100%
2010-2011	17	100%
2011-2012	15	100%
2012-2013	19	100%
2013-2014	15	100%
2014-2015	18	100%
2015-2016	14	100%
2016-2017	15	100%

Fire Science and EMT

The MCC Fire Science program offers certification in several areas as detailed in Tables 2-3. The Fire Fighter I and II Certification and the Hazardous Materials First Responder are both granted by the Arizona State Fire Marshall’s Office. The actual success rate of attainment of the certificates may be underestimated because only the initial attempt at passage is reported back to the college.

Table 2

Fire Science and EMT Licensing Agencies	
License/Certification	Agency
Candidate Physical Agility Test (FSC 130)	International Association of Firefighters
	International Fire Chiefs Association
Hazardous Materials/First Responder (FSC 105)	Arizona Center for Fire Service Excellence
Fire Operations (FSC 102)	Arizona Center for Fire Service Excellence
Wildland Firefighter (FSC 110)	Arizona Bureau of Land Management
Paramedic (EMT 272)	Arizona State Department of Health Services and National Registry of EMTs
EMT (EMT 104)	Arizona State Department of Health Services and National Registry of EMTs
Fire Investigation	Arizona International Association of Arson Investigators
Cardiopulmonary Resuscitation (EMT 101)	American Heart Association

Table 3

Mesa Community College - Fire Science/EMT Passage Rates									
License/Certification	Spring/Summer 2015			Spring/Summer 2016			Spring/Summer 2017		
	Attempt	Passed	%	Attempt	Passed	%	Attempt	Passed	%
Wildland Firefighter (FSC 110)	14	14	100%	0	0	0	21	21	100%
Fire Department Operations (FSC 102)	31	31	100%	20	17	85%	19	19	100%
Hazardous Materials/First Responder (FSC105)	37	36	97%	43	36	84%	38	30	79%
Candidate Physical Ability Test (FSC 130)	31	19	61%	25	17	68%	30	18	60%
Cardiopulmonary Resuscitation (EMT 101)	241	241	100%	223	223	100%	349	349	100%
EMT (EMT 104: 3 attempts are allowed)	134	119	89%	145	125	86%	125	108	86%
Paramedic (EMT 272: 3 attempts are allowed)	25	24	96%	23	23	100%	20	18	90%

Mortuary Science

The students in the Mortuary Science program must take the National Board Examination (NBE) to graduate. Most states accept the scores on the NBE in lieu of having their own state exam. The National Board Exam is administered by the International Conference of Funeral Service Examining Boards. Licensure is on a state-by-state basis. There are two components of the NBE, Funeral Service Arts and Funeral Service Science. In 2008, the International Conference of Funeral Service Examining Boards began to report the pass rate of the two components separately. The statistics reported in Table 4 reflects NBE passage rates before the exam was broken down into components. Table 5 reflects the new manner in which scores are reports.

According to the Mortuary Science program director, almost all graduates eventually pass the exam and are licensed. Due to addition, state licensure requires beyond the NBE such as internships, students may not receive state licensure for several years after graduation from the Mortuary Science program. About one-third of students in the program are from out-of-state.

Table 4

Mesa Community College Mortuary Science Examinations					
	# Graduates	Passed licensure exam		National Pass Rate	Licensed
1999-2000	22	20	91%	82%	20
2000-2001	14	13	93%	86%	11
2001-2002	17	17	100%	85%	16
2002-2003	21	19	95%	84%	15
2003-2004	29	26	90%	67%	17
2004-2005	16	12	75%	74%	16
2005-2006	25	22	88%	72%	19
2006-2007	21	14	67%	70%	Not Reported

Table 5

Mesa Community College Mortuary Science National Board Examinations							
	Graduates	Funeral Service Arts			Funeral Service Science		
	#	#	Pass	%	#	Pass	%
2007-2008	22	23	18	78%	25	19	76%
2008-2009	13	16	12	75%	14	9	64%
2009-2010	27	27	24	89%	26	21	81%
2010-2011	30	29	21	72%	29	24	83%
2011-2012	34	34	25	74%	34	27	79%
2012-2013	25	25	19	76%	26	21	81%
2013-2014	29	29	21	72%	33	25	76%
2014-2015	35	27	19	70%	24	17	71%

Note: July 1, 2016 the Mortuary Science program moved from MCC to Chandler-Gilbert Community College

Network Academy

The Network Academy offers certification pathways in Network Administration, Network Security, Microsoft, Red Hat Linux, VMware, Information Assurance, and Workplace Skills. Training formats include fast tracks, traditional semesters, distance learning, and internet deliveries. Network Academy students earn industry certification after completion of the program; however, there is not a formal mechanism for reporting certifications back to the program.

Nursing

Nursing students who complete a four semester curriculum and receive the Associate of Applied Science degree are eligible to take an exam to become licensed through the National Council of State Boards of Nursing Examination for Nursing (NCLEX RN) licensure exam; pass rates are detailed in Table 6.

Table 6

Mesa Community College Nursing Program NCLEX RN Examination			
	Total # Graduates	# Graduates Taking NCLEX RN Exam	Pass Rate of Exam Takers
Spring 2007	75	75	92%
Fall 2007	50	47	98%
Spring 2008	106	106	97%
Fall 2008	105	105	96%
Spring 2009	93	93	97%
Fall 2009	50	50	98%
Spring 2010 - S&D	98	98	100%
Spring 2010 - Boswell	46	45	100%
Spring 2011 - S&D	60	58	91%
Spring 2011 - Boswell	45	44	100%
Spring 2012 - S&D	52	52	100%
Spring 2012 - Boswell	55	54	98%
Spring 2013 - S&D	53	50	98%
Spring 2013 - Boswell	25	25	100%
Spring 2014	67	66	100%
Spring 2015	84	83	95%
Spring 2016	83	78	96%
Spring 2017	83	73	95%

Note: Boswell closed Dec 1, 2013

Veterinary Technology

Graduates of the MCC Veterinary Technology Program are required to complete two semesters of prerequisite coursework in order to qualify to formally apply for admission to the Program proper. After a selective admission process, the Program proper consists of a five-semester curriculum leading to the Associate of Applied Science in Veterinary Technology/Animal Health. Graduates are immediately eligible to “sit” for the Veterinary Technician National Examination (VTNE) and the Arizona state Veterinary Technician certification examination. The VTNE is administered by the Professional Examination Service, and the state certification examination is administered by the Arizona State Veterinary Medical Examining Board. Upon passing both the VTNE and the state certification examination, the successful candidate is granted certification as a Certified Veterinary Technician by the state of Arizona.

Table 7

Mesa Community College Veterinary Technology Board Exam Pass Rates			
	Graduates	% Passed State Exam	% Passed National Exam
2007-2008	5	100%	100%
2008-2009	4	100%	100%
2009-2010	8	100%	100%
Fall 2010	4	100%	100%
Spring 2011	4	100%	100%
Fall 2011	0	N/A	N/A
Spring 2012	2	100%	100%
Fall 2012	2	100%	100%
Spring 2013	8	100%	100%
Fall 2013	2	50%	50%
Spring 2014	13	85%	85%
Fall 2014	0	N/A	N/A
Spring 2015	15	93%	93%
Fall 2015	0	N/A	N/A
Spring 2016	10	100%	100%
Fall 2016	0	N/A	N/A
Spring 2017	10 (6 sat for boards)	100%	100%

Welding

Welding students who are on the path to gain a Certificate of Completion (CCL) in Welding develop skills in oxyacetylene (gas) and electric (arc) welding. The CCL in Welding has an emphasis on preparing students for the American Welding Society Arc certification exam.

The number of MCC students receiving the AWS Welding Certifications since 2012 are shown in Table 8.

MCC Student American Welding Society (AWS) Welding Certifications 2012-2016

Table 8

Mesa Community College American Welding Society Certifications	
Year	#
2012	100
2013	79
2013	106
2015	96
2016	99

Industry welding certifications students received from 2012 through 2016 include:

- SMAW Plate
- FCAW Plate
- GMAW Plate
- GTAW Aluminum Sheet
- GTAW Stainless Steel Sheet
- GTAW Carbon Steel Sheet and

GTAW/SMAW Pipe Certifications