

Allied Health Advisory Committee

Lake Tahoe Community College

Wednesday November 28, 2018

3:00 - 4:30PM

Aspen Room

- Welcome and Introductions
- General Discussion/Feedback from Industry Partners
- Program Overview/Updates:
 - Dental Assisting & Radiology
 - o Emergency Medical Responder
 - Emergency Medical Technician
 - Medical Office Assistant: Administrative
 - o Phlebotomy
 - Physical Therapy Aide
- Perkins

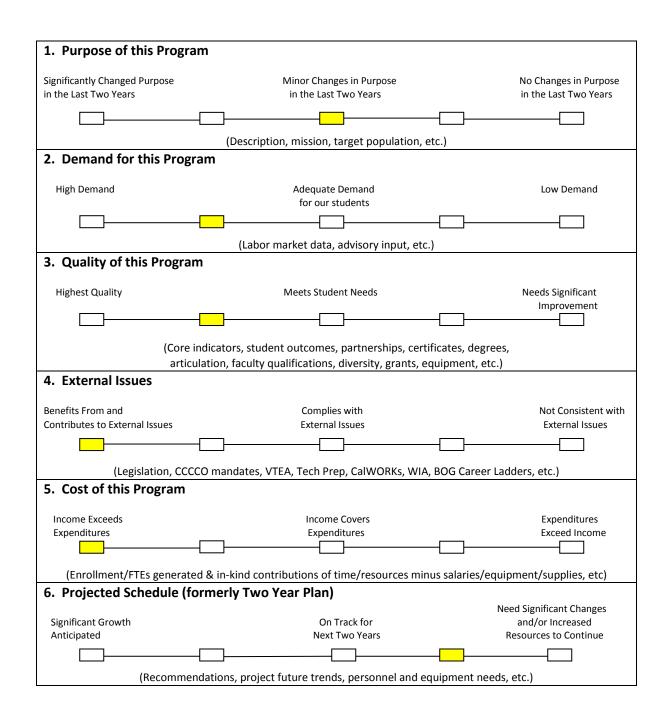


CTE PROGRAM BIENNIAL REVIEW

For all Career and Technical Education (CTE) Programs, please fill out the following worksheet as part of the required biennial review.

CTE Program: Allied Health D

Date Reviewed: November 2018





Allied Health Advisory Committee Meeting Minutes November 28th, 2018

• Welcome and Introductions

- Meeting called to order at 3:05 p.m.
- LTCC Faculty and Staff:
 - Bongard, Katie Program Coordinator of Outreach & Dual Enrollment
 - Deeds, Brad Dean of Workforce Development and Instruction
 - Dixon, Pete Counselor
 - Dwelle, Maddelyn Dental Assisting Adjunct Faculty, Lake Tahoe Community College
 - Ferguson, Elizabeth Dental Assistant Adjunct Faculty/Program Director, South Tahoe High School/Lake Tahoe Community College
 - Hagenbach, Nate Emergency Medical Technician PT Academic Program Director, Clinical Coordinator and Adjunct Faculty
 - Liggett, Melissa Career and Technical Education Program Technician
 - McCoubry, Scott Program Assistant Institutional Effectiveness
 - Rhone, Jamie Career and Technical Education Program Specialist
 - Sullivan, Kyle Emergency Medical Responder Adjunct Faculty
 - Nancy Dalton Board Trustee
 - Pape, Sandy Student Representative
 - Tannaci, Isaiah Sports Medicine Director, South Tahoe High School Adjunct Faculty, and Physical Therapy Aide, LTCC
 - Thyfault, Betsy Student Senate Vice-President
 - Voorhees, Hannah Student Representative

• Workforce Partners, Stakeholders, Regional Collaborators:

- Appleblatt, Rachel, DDS Tahoe Oral Surgery and Implant Center
- Brothers, Deanna Maddox, DDS General Dentistry
- Heilig, Ashley, RN, Barton Health
- Lim, Hedy Learning Program Manager, Barton Health
- Proctor, Chris, MPT Physical Therapist, Barton Health
- Solano, Josefina Health Education Coordinator, El Dorado County Public Health Department

• Member Reports

- Dental Assisting
 - For the first time in 20 years, Lake Tahoe Community College (LTCC) was unable to offer Dental Assisting courses due to the retirement of Connie Hunt and Barbara Riley, in 2017. After a year on hiatus, Lake Tahoe Unified School District (LTUSD) hired Elizabeth (Liz) Ferguson as the new instructor. The dental classroom is located at South Tahoe High School (STHS). Maddelyn Dwelle was also hired by LTCC to coteach college dental classes in the evenings.
 - This is the first year offering the Dental Assisting program as <u>Dual-Enrollment</u> (college credit for high school students). Liz has been working to align the college's state-approved curriculum for Radiation Safety and Infection Control. All of the curriculum and textbooks were digitally converted to a Google Classroom where students can turn in assignments. This will also streamline student record keeping

for the state by electronically storing all the test scores, attendance records, etc. With the Implementation of the Dual Enrollment program, STHS students are able to take Dental Part 1, (HEA 147A) "Dental Assisting and Radiology, Part 1", this fall, (HEA 147B) "Dental Assisting and Radiology, Part 2", in the winter. In the summer, they can take Dental Part 3 (HEA 147C) "Dental Radiology, Part 3 (Externship)". Students must be 17 years old to enroll in part 3, in order to get their license from the state board when they turn 18. STHS students can earn 21 college units and a Dental Assisting certificate and graduate with an x-ray license, if they pass with a 75% or higher, through the Dental Board of California.

- Students are required to complete a minimum of 50 externship hours in Dental Radiology, Part 3. Liz is exploring the feasibility of submitting a program approval packet for a Coronal Polish and a Pit and Fissure course to the California Dental Board. This will help students with the next step, which is taking the California Registered Dental Assistant (RDA) Exam. In California, to qualify for the <u>RDA Exam</u>, candidates must complete other Board-approved courses and requirements.
- Emergency Medical Responder (EMR)
 - The HEA 106 "Emergency Medical Responder" course satisfies the prerequisite for HEA 140C "Emergency Medical Technician (EMT)" and FIR 170A "Lake Tahoe Basin Fire Academy (LTBFA)." It is the recommended course to take before enrolling in EMT. EMT is required for the Fire Academy Certificate of Achievement.
 - Kyle Sullivan teaches the EMR course every fall, winter, and spring. In the past, there
 have been a few cancellations due to low enrollments but the class is slowly getting
 more participation. The manikins are getting old and some equipment needs
 updating. Kyle will submit a quote.
 - Isaiah Tannaci aligned the EMR course with his Sports Medicine I course at STHS and is offered for college credit through dual enrollment. Freshman students that take Isaiah's class receive EMR certification but will need to take Kyle Sullivan's EMR refresher course through LTCC to qualify for the LTBFA prerequisite (EMR certification expires after two years). This might be a good opportunity for Kyle to do some outreach to Isaiah's students. LTCC's PET 102A Care and Prevention of Athletic Injuries course aligns with Sports Medicine II and is offered through dual enrollment.
 - The <u>California Promise Grant</u>, formerly as the Board of Governor's Fee Waiver (BOG), is available for California residents and AB540 eligible students. The <u>Lake Tahoe College Promise</u> tuition-free program is available for first-time, full-time college students. The promise is for any Tahoe Basin resident living in zip codes around the lake. More than 80 courses at LTCC now offer free <u>open source textbooks</u> and other course materials to help students save money.
- Emergency Medical Technician (EMT)
 - EMT courses are in demand and the EMT Program Director/Instructor, Nate Hagenbach, has been continuing to lead and develop the program. Last year, EMT uniforms were implemented and feedback has been positive. Students are required to wear uniforms during class time and during the clinical portion. As part of the program, students are required to participate in clinical experiences via ambulance ride-alongs and the Emergency Department through Barton Health. Nate also implemented a mandatory orientation to improve student success and help with

student persistence. The EMT course is now 10.75 units/189 hours, increased from 9.75 units/165 hours, to meet new state requirements. The large amount of hours requires the use of several Instructional Aides (IA's). The majority of them are working medics in the field; however, it is difficult to keep the same people year after year due to individuals' career progression. This course also requires the purchase and use of a variety of training equipment and supplies to keep up with state standards. The vision for the future would be to have a used ambulance for skills demonstration or even a classroom with an ambulance bay and storage.

- Medical Office Assistant: Administrative (MOA)
 - The program's average enrollment for the past five years is about 125 students/per year, making this one of the higher-demand programs in Allied Health. Christine Kozlowski has been teaching the Terminology, Part 1 and 2, courses online since 2007 (in 2006, she converted the curriculum from a face-to-face to online format). Gloria Strasburg, Santa Rosa Junior College, was hired to teach the "Introduction" and "Billing/Coding" courses online at LTCC. As a result, enrollments are robust and all but one course, is offered online (Jennifer Drennan teaches HEA 149 "Medical Ethics and Law" in a 3-day, face-to-face, format).
 - LTCC previously offered a CNA program for over 17 years, using Barton Health's facilities and instructors. Barton Education offers it now and this is great as they are able to offer it multiple times per year. Barton Education recently launched their state-approved program, which is set up as an 8-week, small cohort, with just six students at a time, offered 3-4 times per year. Students perform a variety of clinical duties in various Skilled Nursing Facility environments. Completion of the program provides eligibility to take the nursing assistant certifying examination that is approved by the California Department of Public Health (CDPH). They are also continuing to offer their new expedited 6-month Medical Assistant (MA) Program that prepares students to perform clinical and administrative duties in the healthcare setting. The Barton MA program meets the training requirements for students to test and become nationally-certified Medical Assistants. Students need a high school diploma, Basic Life Support, and one year of English and Math. Barton Education is currently streamlining their training programs to lead into full-time jobs. The MA program is required for employment consideration at Barton Health: http://education.bartonhealth.org.
 - The Medical Office Assistant: Administrative Degree and Certificate programs are popular with a total of 153 students in 2017-18. The program was designed to provide students with essential knowledge and skills to assume responsible administrative positions in medical offices and students seek employment through a variety of resources in medical settings. In 2014, the Allied Health Advisory Committee agreed that the MOA: Clinical program should be put on "hiatus" since it is not a certified MA program. This eventually led to its removal from the catalog, in 2015-16.
 - The El Dorado County Public Health Department encourages their front office employees to take Medical Office Assistant courses. They are working to bring back some of the services that were eliminated in 2008, such as the family planning program, and may need more staff.
- o Phlebotomy

- Historically, the Phlebotomy program has been running consistently since Bob Johnson submitted the initial application to the state in 2005-2006. Heidi Riggenbach was the initial instructor and state liaison. Cheri Wakefield (formerly Van Horn) took on the program on in 2007 and retired last year from teaching at LTCC.
- Dr. Turner served as the state-approved Phlebotomy Program Director and recently retired from Barton Health. As a result, one of LTCC's goals is to find a phlebotomy instructor that meets both college and the state's requirements. The Phlebotomy Training, Part 1 (Didactic) (HEA 144A) was offered as a 5 ½ weeks/3-night course, in the winter, using one of LTCC's classrooms. Phlebotomy Training, Part 2 (Clinical) (HEA 144B) was offered as a 2-week/8-day course, in the spring, using Barton Health's Laboratory. The lab instructor must be approved by the state of California as a working phlebotomist, and meet experience requirements. Barton Health also requires he/she also be an employee of their lab to ensure lab protocols. Consequently, LTCC will not be able to offer the program until state-approved replacements are found. It is possible that a new training program application may be required to be submitted in the future (the renewal of the Phlebotomy Training program renewal is due in March of 2020).
- Physical Therapy Aide (PTA)
 - LTCC's Physical Therapy Aide program was developed in partnership with Barton Health and Jason Collin, the previous instructor. There is local demand for Physical Therapy Assistants and there has been discussion regarding the viability for adding a program, potentially to replace the PT Aide program. Starting salaries for Physical Therapy Assistants are around \$50,000. The Assistant program would be an associate degree and would require local partnerships.
 - Isaiah Tannaci applied for a \$40,000 grant through the California Department of Education last year to help build pathways for 7th-14th grade students. The grant, "<u>California Health Science Capacity Building Project</u>", is part of the Health Career Education program. Funds are used to establish quality integrated programs that are accessible to all students and will enable them to fulfill their individual career goals and meet the health care industry's human resource demands. Isaiah has plans to reach out to members in the local community.

General Discussion

 LTCC is looking into offering more allied health courses in the future through the Dual Enrollment program, which allow STHS students to earn both high school and college credit, at no cost. LTCC has a 3- to 5-year plan to expand Dual Enrollment beyond technical education programs. Psychology 101 will be replacing STHS's AP Psychology so that HS students can receive college credit for that course. LTCC is also looking into adding Spanish 101 and English 101. LTCC is also looking into "Mirrored" classes, which is a credit course that has the exact same noncredit version. It is a noncredit course, which meets at the same time and place as an existing college credit course. Students register for a noncredit course, attend all classes, complete all assignments, and receive a pass/no pass instead of a letter grade. Noncredit courses are sometimes desirable for students that need training or certification rather than college credit, and can be available for Nevada students that live outside that Basin and do not qualify for the Lake Tahoe College Promise or California Promise Grant.

- Perkins
 - Perkins funding helps the Career & Technical Education department provide a Quarterly Textbook Lending Program, which provides textbooks for eligible students who are pursuing a CTE degree or certificate.

• Action Items and Recommendations

- Elizabeth Ferguson is to explore the feasibility of submitting a program approval packet for a Coronal Polish and a Pit and Fissure course to the California Dental Board.
- Brad Deeds is to look into offering more allied health courses in the future through Dual-Enrollment.
- Brad Deeds collaborating with the Wilderness Department on offering a late-summer Wilderness First Aid for students interested in joining the Fire Academy.
- Kyle Sullivan will submit a quote for necessary manikins and equipment.
- Kyle Sullivan will do some outreach to high school students regarding his EMR refresher course.
- Isaiah Tannaci will investigate with LTCC the potential for a pre-nursing pathway for high school students.
- LTCC will collaborate with Barton Education and look into a possible internship through Barton's MA program.
- Tim Johnson will communicate with Brad Deeds regarding the feasibility of a possible Physical Therapy Assistant program at LTCC.

• Adjournment

• The meeting adjourned at 4:13 p.m.

Handouts

- Career and Technical Education Program Flyers
 - Dental Assisting (2018-19)
 - Emergency Medical Responder (2018-19)
 - Emergency Medical Technician (2018-19)
 - Physical Therapy Aide (2018-19)
- Program Reviews/Biennial Review
 - Allied Health Biennial Review (2017-18)
 - Dental Assisting & Radiology Program Review (2017-18)
 - Medical Office Assistant: Administrative Program Review Report/Awards (2017-18)
 - Phlebotomy Annual Program Review Report (2017-18)
 - Physical Therapy Aide Annual Program Review Report (2017-18)
- Barton Education Program Flyers
 - 2018 Basic Life Support Classes
 - Certified Nursing Assistant Program
 - Medical Assistant Program 2019

Respectively submitted, Melissa Liggett Career & Technical Education Technician

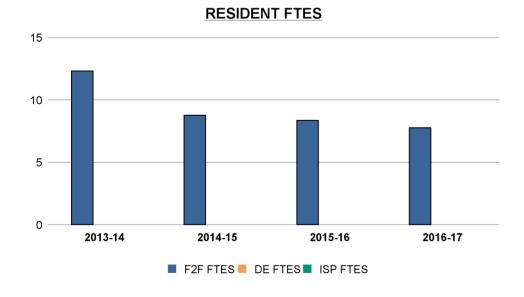
Dental Assisting

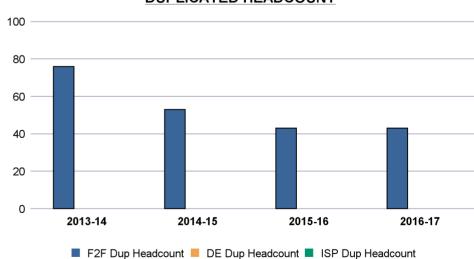


DENTAL ASSISTING SUMMARY

This report contains data from Academic Year (AY) 2013 to 2017. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below.

	Total Sections	F2F Sections	Dist Ed Sections	ISP Sections	Total FTES	F2F FTES	Dist Ed FTES	ISP FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount	ISP Duplicated Headcount
2013-14	3	3	0	0	12.32	12.32	0.00	0.00	76	76	0	
2014-15	3	3	0	0	8.76	8.76	0.00	0.00	53	53	0	
2015-16	3	3	0	0	8.36	8.36	0.00	0.00	43	43	0	
2016-17	3	3	0	0	7.76	7.76	0.00	0.00	43	43	0	
3-Yr Chg (13-14 to 16-17)	0.0%	0.0%			-37.1%	-37.1%			-43.4%	-43.4%		
1-Yr Chg (15-16 to 16-17)	0.0%	0.0%			0.0%	0.0%			0.0%	0.0%		





DUPLICATED HEADCOUNT

Dental Assisting

DEMOGRAPHICS

	20 ⁷	13-14	20	14-15	20	15-16	20 ′	16-17	
	N	%	N	%	N	%	N	%	
Male	0	0.0%	0	0.0%	2	10.0%	3	15.8%	
Female	35	100.0%	23	100.0%	18	90.0%	16	84.2%	
	20 ⁷	2013-14		14-15	20	15-16	2016-17		
	N %		N	%	N	%	N	%	
African American	1	2.9%	0	0.0%	0	0.0%	1	5.3%	
Asian	3	8.6%	1	4.3%	0	0.0%	1	5.3%	
Hispanic	9	25.7%	12	52.2%	14	70.0%	7	36.8%	
Native Amer/Alaska Native	0	0.0%	0	0.0%	0	0.0%	1	5.3%	
White Non-Hispanic	21	60.0%	10	43.5%	5	25.0%	9	47.4%	
Two or more races	1 2.9%		0	0.0%	1	5.0%	0	0.0%	
	00	12.44	20	14 45	20		204	16 47	

	2013-14		20	14-15	20	15-16	2016-17		
	N %		N	%	N	%	N	%	
Age < 25	21	60.0%	15	65.2%	17	85.0%	15	78.9%	
Age 25 - 49	13	37.1%	8	34.8%	3	15.0%	4	21.1%	
Age 50 +	1	1 2.9%		0 0.0%		0.0%	0	0.0%	

	2013-14	2014-15	2015-16	2016-17
Median Age	22	24	19	20
Youngest	16	15	17	15
Oldest	52	42	27	49

Dental Assisting

COURSE SUCCESS

	2013-14		2014	2014-15		-16	2016-17	
	Enrollment Success		Enrollment	Success	Enrollment	Success	Enrollment	Success
Male	0	0.0%	0	0.0%	6	100.0%	8	100.0%
Female	75 89.3%		50 92.0%		35 88.6%		33	90.9%

	2013	-14	2014	-15	2015	-16	2016-17		
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	
African American	1	0.0%	0	0.0%	0	0.0%	3	100.0%	
Asian	3	66.7%	2	100.0%	0	0.0%	2	50.0%	
Hispanic	18	83.3%	25	92.0%	29	86.2%	16	93.8%	
Native Amer/Alaska Native	0	0.0%	0	0.0%	0	0.0%	1	100.0%	
White Non-Hispanic	50	94.0%	23	91.3%	12	100.0%	19	94.7%	
Two or more races	3	100.0%	0	0.0%	0	0.0%	0	0.0%	

	2013-	-14	2014	-15	2015	-16	2016-17		
	Enrollment Success		Enrollment	Success	Enrollment	Success	Enrollment	Success	
Age < 25	46	93.5%	28	89.3%	36	88.9%	33	90.9%	
Age 25 - 49	27	81.5%	22	95.5%	5	100.0%	8	100.0%	
Age 50 +	2	100.0%	0	0.0%	0	0.0%	0	0.0%	

NOTE: Enrollment = duplicated headcount, excluding audits, noncredit, and drops w/ no record.

Dental Assisting

2017-18 COURSE STATISTICS

DENTAL ASSISTING PRODUCTIVITY* (2017-18): % FULL TIME INSTRUCTORS** (2017-18):

% ADJUNCT INSTRUCTORS** (2017-18):

FACE TO FACE	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
							0.0%					
Total							0.0%					

DISTANCE EDUCATION	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
							0.0%					
Total							0.0%					

* Excludes Summer, noncredit, work experience, internship, and cancelled sections

** Excludes summer assignments. Based on instructional workload and the percentage of workload assigned under full-time contracts versus adjunct contracts

*** Withdrawal and success statistics exclude noncredit classes.

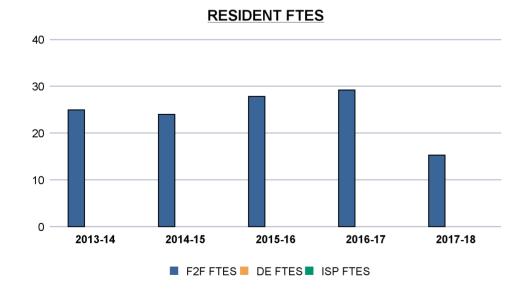
EMT/EMR



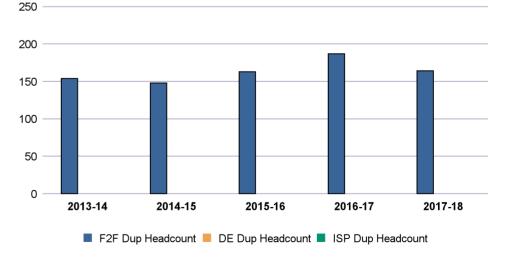
EMT/EMR SUMMARY

This report contains data from Academic Year (AY) 2013 to 2017. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below.

	Total Sections	F2F Sections	Dist Ed Sections	ISP Sections	Total FTES	F2F FTES	Dist Ed FTES	ISP FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount	ISP Duplicated Headcount
2013-14	13	13	0	0	24.95	24.95	0.00	0.00	154	154	0	
2014-15	15	15	0	0	24.02	24.02	0.00	0.00	148	148	0	
2015-16	15	15	0	0	27.84	27.84	0.00	0.00	163	163	0	
2016-17	11	11	0	0	29.19	29.19	0.00	0.00	187	187	0	
2017-18	14	14	0	0	15.27	15.27	0.00	0.00	164	164	0	
4-Yr Chg (13-14 to 17-18)	7.7%	7.7%			-38.8%	-38.8%			6.5%	6.5%		
1-Yr Chg (16-17 to 17-18)	27.3%	27.3%			-47.7%	-47.7%			-12.3%	-12.3%		







Office of Institutional Research and Planning (OIRP)

EMT/EMR

DEMOGRAPHICS

	20'	13-14	2014-15		2015-16		2016-17		2017-18	
	N	%	N	%	N	%	N	%	N	%
Male	98	66.2%	90	66.7%	116	73.0%	110	61.1%	87	53.4%
Female	49	33.1%	44	32.6%	42	26.4%	65	36.1%	74	45.4%
Unknown	1	0.7%	1	0.7%	1	0.6%	5	2.8%	2	1.2%

	201	3-14	2014-15		2015-16		2016-17		2017-18	
	N	%	N	%	N	%	N	%	N	%
African American	1	0.7%	1	0.7%	1	0.6%	1	0.6%	1	0.6%
Asian	2	1.4%	3	2.2%	4	2.5%	3	1.7%	4	2.5%
Hispanic	32	21.6%	24	17.8%	36	22.6%	44	24.4%	45	27.6%
Native Amer/Alaska Native	1	0.7%	0	0.0%	0	0.0%	1	0.6%	0	0.0%
White Non-Hispanic	105	70.9%	98	72.6%	109	68.6%	121	67.2%	101	62.0%
Two or more races	6	4.1%	9	6.7%	7	4.4%	10	5.6%	10	6.1%
Unknown	1	0.7%	0	0.0%	2	1.3%	0	0.0%	2	1.2%

	201	13-14	2014-15		20	15-16	201	6-17	201	17-18	
	N	%	N	%	N	%	N	%	N	%	
Age < 25	68	45.9%	62	45.9%	73	45.9%	119	66.1%	126	77.3%	
Age 25 - 49	66	44.6%	64	47.4%	77	48.4%	55	30.6%	32	19.6%	
Age 50 +	14	9.5%	9	6.7%	9	5.7%	6	3.3%	5	3.1%	

	2013-14	2014-15	2015-16	2016-17	2017-18
Median Age	26	25	25	23	16
Youngest	17	17	17	13	13
Oldest	67	62	63	64	65

EMT/EMR

COURSE SUCCESS

	2013	-14	2014-15		2015-16		2016-17		2017-18	
	Enrollment	Success								
Male	98	85.7%	93	91.4%	113	93.8%	113	88.5%	88	93.2%
Female	46	84.8%	46	100.0%	40	90.0%	65	93.8%	73	97.3%
Unknown	1	100.0%	1	100.0%	1	100.0%	5	100.0%	2	50.0%

	2013	-14	2014	2014-15		2015-16		-17	2017-18	
	Enrollment	Success								
African American	0	0.0%	2	0.0%	1	100.0%	1	100.0%	2	100.0%
Asian	2	50.0%	1	100.0%	4	100.0%	3	66.7%	4	100.0%
Hispanic	30	90.0%	24	87.5%	36	86.1%	45	73.3%	44	84.1%
Native Amer/Alaska Native	1	100.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%
White Non-Hispanic	106	84.9%	103	97.1%	104	94.2%	121	96.7%	101	99.0%
Two or more races	5	80.0%	10	100.0%	7	100.0%	12	100.0%	10	90.0%
Unknown	1	100.0%	0	0.0%	2	100.0%	0	0.0%	2	100.0%

	2013	-14	2014-15		2015-16		2016-17		2017-18	
	Enrollment	Success								
Age < 25	67	80.6%	65	93.8%	70	92.9%	121	86.8%	125	92.8%
Age 25 - 49	66	92.4%	66	93.9%	75	92.0%	56	98.2%	33	100.0%
Age 50 +	12	75.0%	9	100.0%	9	100.0%	6	100.0%	5	100.0%

NOTE: Enrollment = duplicated headcount, excluding audits, noncredit, and drops w/ no record.

EMT/EMR

2017-18 COURSE STATISTICS

413.47	EMT/EMR PRODUCTIVITY* (2017-18):
0%	% FULL TIME INSTRUCTORS** (2017-18):
100%	% ADJUNCT INSTRUCTORS** (2017-18):

	FACE TO FACE	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
HEA-106	Emergency Medical Responder	8	12.5%	0%	100%	17.9	17.7	99.2%	92.7%	13.28	624	0.41	505.86
HEA-108	Emerg Med Responder (Refresh)	3	0.0%			1.7	1.7	100.0%	100.0%	0.31	11	0.00	
HEA-142A	EMT Refresher (24 hours)	4	25.0%	0%	100%	10.0	10.0	100.0%	100.0%	1.44	68	0.09	240.00
HEA-143	EMT Refresher (40 hours)	3	66.7%	0%	100%	4.0	4.0	100.0%	100.0%	0.24	14	0.07	64.00
Total		18	22.2%	0%	100%	11.7	11.6	99.4%	94.5%	15.27	717	0.58	

DISTANCE EDUCATION	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
							0.0%					
Total							0.0%					

* Excludes Summer, noncredit, work experience, internship, and cancelled sections

** Excludes summer assignments. Based on instructional workload and the percentage of workload assigned under full-time contracts versus adjunct contracts

*** Withdrawal and success statistics exclude noncredit classes.

Medical Office Assistant

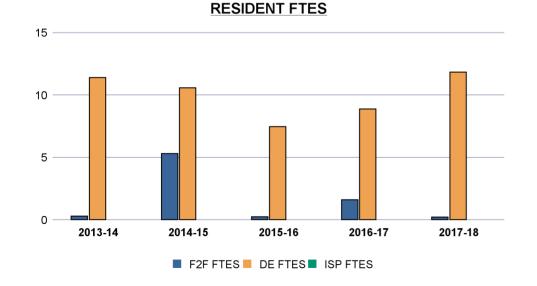


MEDICAL OFFICE ASSISTANT SUMMARY

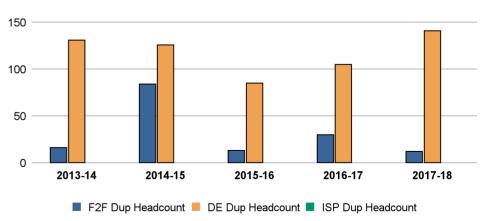
This report contains data from Academic Year (AY) 2013 to 2017. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below.

200

	Total Sections	F2F Sections	Dist Ed Sections	ISP Sections	Total FTES	F2F FTES	Dist Ed FTES	ISP FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount	ISP Duplicated Headcount
2013-14	6	2	4	0	11.66	0.28	11.38	0.00	147	16	131	
2014-15	11	7	4	0	15.89	5.31	10.58	0.00	210	84	126	
2015-16	6	2	4	0	7.70	0.23	7.47	0.00	98	13	85	
2016-17	8	2	6	0	10.46	1.59	8.87	0.00	135	30	105	
2017-18	11	3	8	0	12.04	0.21	11.83	0.00	153	12	141	
4-Yr Chg (13-14 to 17-18)	83.3%	50.0%	100.0%		3.2%	-24.5%	3.9%		4.1%	-25.0%	7.6%	
1-Yr Chg (16-17 to 17-18)	37.5%	50.0%	33.3%		15.1%	-86.7%	33.3%		13.3%	-60.0%	34.3%	



DUPLICATED HEADCOUNT



Office of Institutional Research and Planning (OIRP)

Medical Office Assistant

DEMOGRAPHICS

	201	13-14	2014-15		20	15-16	201	16-17	2017-18	
	N	%	N	%	N	%	N	%	N	%
Male	8	7.3%	18	13.8%	7	9.2%	9	10.5%	10	12.3%
Female	101	92.7%	112	86.2%	69	90.8%	77	89.5%	71	87.7%
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

	201	13-14	2014-15		2015-16		201	16-17	201	2017-18	
	N	%	N	%	N	%	N	%	Ν	%	
African American	2	1.8%	2	1.5%	1	1.3%	2	2.3%	1	1.2%	
Asian	5	4.6%	5	3.8%	5	6.6%	9	10.5%	5	6.2%	
Hispanic	34	31.2%	51	39.2%	30	39.5%	33	38.4%	25	30.9%	
Native Amer/Alaska Native	3	2.8%	0	0.0%	0	0.0%	2	2.3%	1	1.2%	
White Non-Hispanic	57	52.3%	64	49.2%	37	48.7%	38	44.2%	44	54.3%	
Two or more races	8	7.3%	8	6.2%	3	3.9%	2	2.3%	4	4.9%	
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	1.2%	

	201	13-14	2014-15		20	15-16	201	16-17	201	17-18
	N	%	N	%	N	%	Ν	%	Ν	%
Age < 25	52	47.7%	56	43.1%	29	38.2%	38	44.2%	40	49.4%
Age 25 - 49	50	45.9%	64	49.2%	41	53.9%	42	48.8%	38	46.9%
Age 50 +	7	6.4%	10	7.7%	6	7.9%	6	7.0%	3	3.7%
Age Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

	2013-14	2014-15	2015-16	2016-17	2017-18
Median Age	25	26	27	26	25
Youngest	16	17	17	17	14
Oldest	59	63	58	59	72

Medical Office Assistant

COURSE SUCCESS

	2013	-14	2014-15		2015-16		2016-17		2017-18	
	Enrollment	Success								
Male	7	100.0%	24	95.8%	7	85.7%	8	100.0%	15	86.7%
Female	133	85.0%	178	87.6%	84	88.1%	112	85.7%	127	81.9%

	2013	-14	2014	-15	2015	-16	2016	-17	2017	-18
	Enrollment	Success								
African American	4	75.0%	3	100.0%	1	100.0%	1	100.0%	1	0.0%
Asian	9	66.7%	9	88.9%	6	66.7%	11	90.9%	8	100.0%
Hispanic	40	80.0%	91	84.6%	37	83.8%	41	75.6%	47	70.2%
Native Amer/Alaska Native	3	100.0%	0	0.0%	0	0.0%	3	66.7%	4	50.0%
White Non-Hispanic	74	90.5%	91	91.2%	44	93.2%	60	93.3%	69	88.4%
Two or more races	10	90.0%	8	100.0%	3	100.0%	4	100.0%	11	100.0%
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	100.0%

	2013	-14	2014-15		2015-16		2016-17		2017-18	
	Enrollment	Success								
Age < 25	64	81.3%	84	84.5%	33	84.8%	54	83.3%	74	79.7%
Age 25 - 49	64	87.5%	102	91.2%	47	87.2%	52	86.5%	63	84.1%
Age 50 +	12	100.0%	16	93.8%	11	100.0%	14	100.0%	5	100.0%

NOTE: Enrollment = duplicated headcount, excluding audits, noncredit, and drops w/ no record.

Medical Office Assistant

2017-18 COURSE STATISTICS

% FULL TIME INSTRUCTORS** (2017-18): 0% % ADJUNCT INSTRUCTORS** (2017-18): 100%	MEDICAL OFFICE ASSISTANT PRODUCTIVITY* (2017-18):	313.57
% ADJUNCT INSTRUCTORS** (2017-18): 100%	% FULL TIME INSTRUCTORS** (2017-18):	0%
	% ADJUNCT INSTRUCTORS** (2017-18):	100%

	FACE TO FACE	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
HEA-149	Intro Medical Ethics & Law	1	0.0%	0%	100%	11.0	11.0	100.0%	90.9%	0.19	8	0.02	176.00
MOA-132	MOA Work Experience	4	75.0%			0.0	0.0	0.0%			0	0.00	
MOA-133	Intern-Occupational Work Exp.	4	75.0%			1.0	1.0	100.0%	100.0%	0.02	0	0.00	
Total		9	66.7%	0%	100%	4.0	4.0	100.0%	91.7%	0.21	8	0.02	

DIST	FANCE EDUCATION	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
MOA-235	Intro Admin Medical Assisting	2	0.0%	0%	100%	14.5	13.5	93.1%	81.5%	1.93	87	0.13	232.00
MOA-236	Basic Medical Coding	1	0.0%	0%	100%	19.0	19.0	100.0%	78.9%	2.11	95	0.10	304.00
MOA-237	Medical Insurance Billing	1	0.0%	0%	100%	18.0	18.0	100.0%	72.2%	1.20	54	0.06	288.00
MOA-238	Medical Terminology, Part 1	2	0.0%	0%	100%	25.0	21.0	84.0%	81.0%	4.36	200	0.17	400.00
MOA-240	Medical Terminology, Part 2	2	0.0%	0%	100%	12.5	12.0	96.0%	91.7%	2.22	100	0.17	200.00
Total		8	0.0%	0%	100%	17.6	16.3	92.2%	81.5%	11.83	536	0.62	

* Excludes Summer, noncredit, work experience, internship, and cancelled sections

** Excludes summer assignments. Based on instructional workload and the percentage of workload assigned under full-time contracts versus adjunct contracts

*** Withdrawal and success statistics exclude noncredit classes.

STUDENT ACHIEVEMENT

MEDICAL OFFICE ASSISTANT (MOA)

SUMMARY

This report contains data related to student achievement, represented by the number of degrees and certificates awarded by the Medical Office Assistant Department.

Year	Award Type	Title		# of Awards
2012-13	AA Degree	Administrative		6
	Certificate	Administrative		4
	Certificate	Clinical		1
		· · ·	2012-13 TOTAL	11
2013-14	Certificate	Administrative		4
	Certificate	Clinical		1
			2013-14 TOTAL	5
2014-15	AA Degree	Administrative		5
	Certificate	Administrative		2
			2014-15 TOTAL	7
2015-16	AA Degree	Administrative		7
	Certificate	Administrative		2
		·	2015-16 TOTAL	9
2016-17	AA Degree	Administrative		4
	· · ·		2016-17 TOTAL	4

Phlebotomy



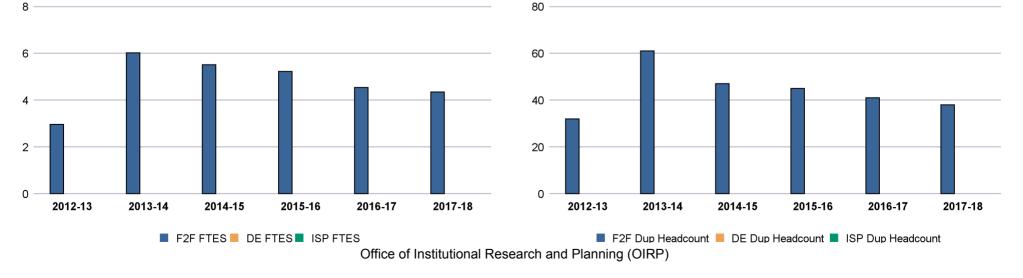
PHLEBOTOMY SUMMARY

This report contains data from Academic Year (AY) 2012 to 2017. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below.

	Total Sections	F2F Sections	Dist Ed Sections	ISP Sections	Total FTES	F2F FTES	Dist Ed FTES	ISP FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount	ISP Duplicated Headcount
2012-13	7	7	0	0	2.97	2.97	0.00	0.00	32	32	0	
2013-14	16	16	0	0	6.03	6.03	0.00	0.00	61	61	0	
2014-15	10	10	0	0	5.51	5.51	0.00	0.00	47	47	0	
2015-16	9	9	0	0	5.23	5.23	0.00	0.00	45	45	0	
2016-17	10	10	0	0	4.54	4.54	0.00	0.00	41	41	0	
2017-18	10	10	0	0	4.35	4.35	0.00	0.00	38	38	0	
5-Yr Chg (12-13 to 17-18)	42.9%	42.9%			46.7%	46.7%			18.8%	18.8%		
1-Yr Chg (16-17 to 17-18)	0.0%	0.0%			-4.2%	-4.2%			-7.3%	-7.3%		

RESIDENT FTES





Phlebotomy

DEMOGRAPHICS

	201	12-13	20	13-14	2014-15		201	15-16	2016-17	
	N	%	N	%	N	%	Ν	%	N	%
Male	5	15.6%	9	22.5%	5	19.2%	7	25.0%	1	4.5%
Female	27	84.4%	31	77.5%	21	80.8%	21	75.0%	21	95.5%
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

	201	12-13	20	13-14	2014-15		2015-16		2016-17	
	N	%	N	%	N	%	N	%	N	%
African American	0	0.0%	1	2.5%	0	0.0%	1	3.6%	0	0.0%
Asian	4	12.5%	6	15.0%	0	0.0%	0	0.0%	1	4.5%
Hispanic	7	21.9%	10	25.0%	13	50.0%	14	50.0%	9	40.9%
Native Amer/Alaska Native	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
White Non-Hispanic	16	50.0%	19	47.5%	11	42.3%	12	42.9%	12	54.5%
Two or more races	5	15.6%	4	10.0%	2	7.7%	1	3.6%	0	0.0%

	201	12-13	20	13-14	20	14-15	2015-16		2016-17	
	N	%	N	%	N	%	N	%	N	%
Age < 25	19	59.4%	19	47.5%	12	46.2%	14	50.0%	10	45.5%
Age 25 - 49	13	40.6%	15	37.5%	12	46.2%	12	42.9%	10	45.5%
Age 50 +	0	0.0%	6	15.0%	2	7.7%	2	7.1%	2	9.1%

	2012-13	2013-14	2014-15	2015-16	2016-17
Median Age	23	27	27	26	28
Youngest	19	19	18	16	18
Oldest	52	62	56	63	61

DEMOGRAPHICS

	2017-18		
	N	%	
Male	4	18.2%	
Female	18	81.8%	
Unknown	0	0.0%	

	20'	17-18
	N	%
African American	0	0.0%
Asian	2	9.1%
Hispanic	11	50.0%
Native Amer/Alaska Native	0	0.0%
White Non-Hispanic	9	40.9%
Two or more races	0	0.0%

	2017-18		
	N	%	
Age < 25	11	50.0%	
Age 25 - 49	10	45.5%	
Age 50 +	1	4.5%	

	2017-18
Median Age	25
Youngest	19
Oldest	53

Phlebotomy

COURSE SUCCESS

	2012	-13	2013	-14	2014	-15	2015	-16	2016	-17
	Enrollment	Success								
Male	5	100.0%	14	92.9%	7	71.4%	10	90.0%	2	100.0%
Female	26	100.0%	45	97.8%	37	100.0%	34	97.1%	39	92.3%

	2012	-13	2013	-14	2014	-15	2015	-16	2016	-17
	Enrollment	Success								
African American	0	0.0%	1	0.0%	0	0.0%	1	100.0%	0	0.0%
Asian	4	100.0%	9	100.0%	0	0.0%	0	0.0%	2	100.0%
Hispanic	6	100.0%	15	100.0%	22	90.9%	21	95.2%	17	94.1%
White Non-Hispanic	16	100.0%	29	96.6%	18	100.0%	20	95.0%	22	90.9%
Two or more races	5	100.0%	5	100.0%	4	100.0%	2	100.0%	0	0.0%

	2012	-13	2013-14		2014	2014-15 2015-16		2016-17		
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Age < 25	18	100.0%	26	92.3%	20	90.0%	21	100.0%	18	88.9%
Age 25 - 49	13	100.0%	21	100.0%	21	100.0%	19	89.5%	20	100.0%
Age 50 +	0	0.0%	12	100.0%	3	100.0%	4	100.0%	3	66.7%

NOTE: Enrollment = duplicated headcount, excluding audits, noncredit, and drops w/ no record.

COURSE SUCCESS

	2017	-18	
	Enrollment Succes		
Male	6	83.3%	
Female	32	96.9%	

	2017-18		
	Enrollment	Success	
African American	0	0.0%	
Asian	3	100.0%	
Hispanic	20	95.0%	
White Non-Hispanic	15	93.3%	
Two or more races	0	0.0%	

	2017-18		
	Enrollment	Success	
Age < 25	19	89.5%	
Age 25 - 49	17	100.0%	
Age 50 +	2	100.0%	

Phlebotomy

2017-18 COURSE STATISTICS

% FULL TIME INSTRUCTORS** (2017-18): 0% % ADJUNCT INSTRUCTORS** (2017-18): 100%	OMY PRODUCTIVITY* (2017-18): 306.16
% ADJUNCT INSTRUCTORS** (2017-18): 100%	IME INSTRUCTORS** (2017-18): 0%
	NCT INSTRUCTORS** (2017-18): 100%

FACE TO FACE	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
HEA-144A Phlebotomy Training-Part 1	1	0.0%	0%	100%	22.0	22.0	100.0%	90.9%	2.72	125	0.12	346.90
HEA-144B Phlebotomy Training - Part 2	9	0.0%	0%	100%	1.8	1.8	100.0%	100.0%	1.63	71	0.09	254.10
Total	10	0.0%	0%	100%	3.8	3.8	100.0%	94.7%	4.35	196	0.21	

DISTANCE EDUCATION	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
							0.0%					
Total							0.0%					

* Excludes Summer, noncredit, work experience, internship, and cancelled sections

** Excludes summer assignments. Based on instructional workload and the percentage of workload assigned under full-time contracts versus adjunct contracts

*** Withdrawal and success statistics exclude noncredit classes.

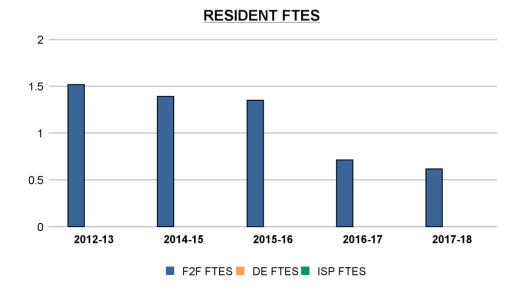
Physical Therapy Aide



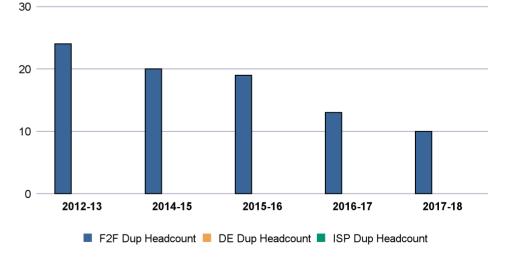
PHYSICAL THERAPY AIDE SUMMARY

This report contains data from Academic Year (AY) 2012 to 2017. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below.

	Total Sections	F2F Sections	Dist Ed Sections	ISP Sections	Total FTES	F2F FTES	Dist Ed FTES	ISP FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount	ISP Duplicated Headcount
2012-13	2	2	0	0	1.52	1.52	0.00	0.00	24	24	0	
2014-15	2	2	0	0	1.39	1.39	0.00	0.00	20	20	0	
2015-16	2	2	0	0	1.35	1.35	0.00	0.00	19	19	0	
2016-17	2	2	0	0	0.71	0.71	0.00	0.00	13	13	0	
2017-18	2	2	0	0	0.62	0.62	0.00	0.00	10	10	0	
4-Yr Chg (12-13 to 17-18)	0.0%	0.0%			-59.4%	-59.4%			-58.3%	-58.3%		
1-Yr Chg (16-17 to 17-18)	0.0%	0.0%			-13.6%	-13.6%			-23.1%	-23.1%		







Office of Institutional Research and Planning (OIRP)

Physical Therapy Aide

DEMOGRAPHICS

	201	12-13	2014-15		20	15-16	20	16-17	20 ′	17-18
	N	%	N	%	N	%	N	%	N	%
Male	3	18.8%	5	41.7%	3	25.0%	2	22.2%	2	33.3%
Female	13	81.3%	7	58.3%	9	75.0%	7	77.8%	4	66.7%
	20/	12-13	20	14-15	20	15-16	20	16-17	20	17-18
	20	12-13	20	14-15	20	10-10	20	10-17	20	17-10
	Ν	%	Ν	%	N	%	N	%	N	%
Asian	0	0.0%	1	8.3%	0	0.0%	0	0.0%	0	0.0%
Hispanic	3	18.8%	2	16.7%	4	33.3%	2	22.2%	1	16.7%
White Non-Hispanic	10	62.5%	8	66.7%	8	66.7%	6	66.7%	5	83.3%
Two or more races	2	12.5%	1	8.3%	0	0.0%	1	11.1%	0	0.0%
Unknown	1	6.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

	2012-13		2014-15		20	15-16	20 ′	16-17	2017-18		
	N	%	N	%	N	%	N	%	N	%	
Age < 25	6	37.5%	7	58.3%	5	41.7%	2	22.2%	1	16.7%	
Age 25 - 49	9	56.3%	5	41.7%	6	50.0%	7	77.8%	5	83.3%	
Age 50 +	1	6.3%	0	0.0%	1	8.3%	0	0.0%	0	0.0%	

	2012-13	2014-15	2015-16	2016-17	2017-18
Median Age	25	24	27	25	31
Youngest	18	16	14	20	18
Oldest	59	56	53	42	45

Physical Therapy Aide

COURSE SUCCESS

	2012	2012-13 2014-15		2015	-16	2016	-17	2017-18		
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Male	3	66.7%	8	75.0%	4	100.0%	3	100.0%	4	100.0%
Female	19	73.7%	11	90.9%	15	93.3%	8	75.0%	5	100.0%

	2012-13		2014-15		2015-16		2016	-17	2017-18	
	Enrollment	Success								
Asian	0	0.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%
Hispanic	4	75.0%	2	100.0%	5	80.0%	3	66.7%	0	0.0%
White Non-Hispanic	13	61.5%	13	76.9%	14	100.0%	7	85.7%	9	100.0%
Two or more races	4	100.0%	2	100.0%	0	0.0%	1	100.0%	0	0.0%
Unknown	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

	2012-13		2014-15		2015	-16	2016	-17	2017-18	
	Enrollment	Success								
Age < 25	7	71.4%	12	83.3%	9	88.9%	4	100.0%	2	100.0%
Age 25 - 49	14	78.6%	7	85.7%	8	100.0%	7	71.4%	7	100.0%
Age 50 +	1	0.0%	0	0.0%	2	100.0%	0	0.0%	0	0.0%

NOTE: Enrollment = duplicated headcount, excluding audits, noncredit, and drops w/ no record.

Physical Therapy Aide

2017-18 COURSE STATISTICS

PHYSICAL THERAPY AIDE PRODUCTIVITY* (2017-18):	75.49
% FULL TIME INSTRUCTORS** (2017-18):	93%
% ADJUNCT INSTRUCTORS** (2017-18):	3%

FACE TO FACE	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
HEA-119A Intro to Physical Therapy Aide	1	0.0%	92%	0%	5.0	4.0	80.0%	100.0%	0.23	18	0.09	70.85
HEA-119B Advanced Physical Therapy Aide	1	0.0%	95%	5%	5.0	5.0	100.0%	100.0%	0.38	21	0.09	80.00
Total	2	0.0%	93%	3%	5.0	4.5	90.0%	100.0%	0.62	40	0.17	

DISTANCE EDUCATION	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
							0.0%					
Total							0.0%					

* Excludes Summer, noncredit, work experience, internship, and cancelled sections

** Excludes summer assignments. Based on instructional workload and the percentage of workload assigned under full-time contracts versus adjunct contracts

*** Withdrawal and success statistics exclude noncredit classes.



Dental Assisting

Successful completion of HEA- 147A, HEA-147B, and HEA-147C will culminate in a California Radiation Safety and Infection Control certificate as required by the California Dental Board. You can find information about how to become a Registered Dental Assistant (RDA) and the testing protocol on the Dental Board of California's website using this link:

http://www.dbc.ca.gov/applicants/rda/becomelicensed_rda.shtml



Overview: The Dental Assisting program at LTCC consists of three courses. In Dental Assisting and Radiology, Part 1 (HEA 147A), students learn the skills necessary to begin a career as an entry-level, back-office Dental Assistant. In Dental Radiology, Part 2 (HEA 147B), students learn anatomic interpretation, x-ray technique, and radiation safety. This radiology curriculum is approved by the Dental Board of California. In Dental Radiology, Part 3 (Externship) (HEA 147C), students hone their workplace dental assisting skills and take part in a comprehensive externship placement experience. Upon successful completion of all three courses, students will be awarded a California Radiation Safety and Infection Control Certificate in Dental Assisting (required to work in a California dental office). For further information about this program, contact the Career and Technical Education department at extension 583 or 723.

All courses from the following (21 units):

HEA 147A Dental Assisting and Radiology, Part I HEA 147B Dental Radiology, Part 2 HEA 147C Dental Radiology, Part 3 (Externship)

HEA-147A: Dental Assisting and Radiology, Part 1 - 7.25 units This course is the first of a three-part series which provides students with the skills necessary to work in dental offices as entry-level, back office assistants. This course includes basic dental terminology, tooth identification, intraoral anatomy, four-handed dentistry, sterilization, and asepsis. Successful completion of the entire three-course sequence, to include HEA 147A, HEA 147B, and HEA 147C, will culminate in a Dental Assisting certificate and a California Radiation Safety and Infection Control certificate. Uniforms will be required for this course (approximate cost \$30); information will be provided by the instructor at the first class session. Materials Fee: \$25

HEA-147B: Dental Radiology, Part 2 - 8.25 units This course is the second of a three-part sequence focusing on advanced dental radiological safety procedures, anatomic interpretation, and mounting. Students will receive hands-on experience in perfecting x-ray technique using both the paralleling and bisecting techniques. The radiology curriculum is approved by the Dental Board of California and successful completion of the entire course sequence, to include HEA 147A, HEA 147B, and HEA 147C will culminate in a Dental Assisting certificate, a California Radiation Safety certificate, and an Infection Control certificate. Uniforms will be required for this course (approximate cost \$30): information will be provided by the instructor at the first class session.

<u>Prerequisites:</u> HEA 147A or equivalent experience. Materials Fee: \$30.

HEA-147C: Dental Radiology, Part 3 (Externship) - 5.5 units This course is the third part of a three-part course sequence which prepares students for responsible positions as dental assistants. The focus in this course is on acquiring advanced dental assisting skills through externship placement and lab practice and completion of patient radiographs. Students will practice and perfect their chairside skills in an actual dentist office and will meet with the instructor on a weekly basis for additional skill practice of advanced procedures. Students are required to complete a minimum of 50 externship hours. The radiology curriculum is approved by the Dental Board of California and successful completion of the entire course sequence, to include HEA 147A, HEA 147B, and HEA 147C will culminate in a Dental Assisting certificate, and a California Radiation Safety and Infection Control certificate. Uniforms will be required for this course (approximate cost \$30); information will be provided by the instructor at the first class session. <u>Prerequisites:</u> HEA 147B or equivalent experience.

Materials Fee: \$35

Corequisites: CPR Card (Basic Life Support for Healthcare Providers), Verification of Hep-B vaccination, Verification of Tetanus vaccination, and Verification of negative TB Test.

(Course Descriptions are subject to change.)

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Emergency Medical Responder

This course is designed to meet the prerequisites for both Emergency Medical Technician (HEA 140C) and Lake Tahoe Basin Fire Academy, Part 1 (FIR170A). Upon successful completion, students will receive two certificates, American Red Cross Emergency Response (valid 3 years) and American Red Cross CPR/AED. Students will also be issues 4 types of American Red Cards; Blood Borne pathogens, Emergency Oxygen (o2), CPR/AED for the Professional Responder and Emergency Medical Responder.



Overview: This American Red Cross Emergency Medical Response course provides the student with the knowledge and skills necessary to work as an Emergency Medical Responder (EMR) to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until more advanced medical help takes over. Students must attend all class sessions, participate in all course activities, demonstrate competency in all required skills and scenarios, and pass both the Emergency Medical Response and CPR/AED for Professional Rescuers and Health Care Providers final written exams with minimum grades of 80% to success complete this course. On the successful completion of this course, participants will receive the following American Red Cross Cards: Blood borne Pathogens, Emergency Oxygen (O2), CPR/AED for Professional Responder, and Emergency Medical Responder. **For more information about this course, contact the Career and Technical Education department at extension 583 or 723.**

HEA-106: Emergency Medical Responder 4 units - This course is designed to meet the prerequisites for both Emergency Medical Technician (HEA 140C) and Lake Tahoe Basin Fire Academy, Part 1 (FIR 170A). This course provides the student with the knowledge and skills necessary for career preparation in the field of Emergency Medical Responder (EMR) by helping to sustain life, reduce pain, and minimize the consequences of injury or sudden illness until more advanced medical help takes over. The course content and activities will prepare participants to make appropriate decisions about the care to provide in a medical emergency. The course meets or exceeds the Emergency Medical Services Educational Standards for Emergency Medical Responders and is consistent with the current guidelines for first aid and cardiopulmonary resuscitation care. Successful students must obtain a minimum of 80% in the class to receive American Red Cross Certification/Course Completion records.

Materials Fee: \$36 (for American Red Cross Certification cards)

HEA-108: Emergency Medical Responder (Refresher) 1.75 units - This course is an update and review of the knowledge and skills pertaining to Emergency Medical Response (EMR), including CPR and AED. Students must show a current EMR card or certificate on first day of class. This course includes 24 TBA hours in support of the stated student learning outcomes to allow students to obtain the technical skills and knowledge required to perform pre-hospital basic care as an Emergency Medical Responder. Student Notice: The American Red Cross allows a 30-day grace period for expired EMR cards and students should plan ahead to ensure that they take this refresher course before their card expires. Replacement EMR cards can be ordered by contacting American Red Cross at 1-800-RED CROSS (1-800-733-2767).

Materials Fee: \$36 (for American Red Cross Certification cards)

Prerequisite: Current Emergency Medical Responder (Advanced First Aid) Card (30-day grace period)

(Course Descriptions are subject to change.)

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Emergency Medical Technician

All interested students must attend the EMT Mandatory Orientation! This course requires instructor consent to enroll. Please sign up for the orientation by filling out and submitting the R.S.V.P. form on our EMT page by going to www.ltcc.edu and clicking on the Academic Program/Allied Health/EMT icon. Note: Students are required to verify they meet the prerequisite by providing copies of their documentation at the EMT Mandatory Orientation meeting.



Overview: The Emergency Medical Technician (EMT) course **(HEA 140C, one quarter, 10.75-units)** prepares students for a career administering first response treatment in emergency situations. Responsibilities include driving an ambulance, removing trapped victims from accident scenes, administering emergency patient care, and recording observation. Clinical experience in an emergency room and ambulance ride-alongs further enhance the learning experience. This course is approved by the El Dorado County EMS Agency and is recognized throughout the State of California (for more information on how to apply for certification at a local EMS agency, go to the "<u>California Emergency Medical Services Authority</u>" website and click on <u>"Certification and Licensure Requirements</u>"). Successful course completion allows students to take the EMT National Registry Exam (for more information about the certification process, go to the "<u>National Registry of Emergency Medical Technicians</u>" website and click on <u>"Certification Process"</u>. **This course satisfies the prerequisites for Fire Academy (FIR-170A).** For further information about this program, contact the Career and Technical Education department at extension 583 or 723.

HEA-140C: Emergency Medical Technician (EMT) 10.75 units - This course provides instruction to the level of Emergency Medical Technician (previously called EMT-I or EMT Basic). Students will acquire the knowledge and skills necessary to provide emergency medical care at a basic life support level with a fire, ambulance, or other specialized service. This course is instructed in compliance with Department of Transportation (DOT) regulations and the California Code of Regulations, and is approved by the El Dorado County EMS Authority (Title 22). Successful students will be prepared for EMT certification through the National Registry. This course requires participation in clinical experiences taking place in emergency room departments of hospitals and in operational ambulance units. Attendance is mandatory at the first class and all class meetings in order to receive certification. There is a \$100 county and state certification fee, a Department of Justice/FBI livescan fee of \$100, and a National Registry of EMT certification fee of \$80. All fees are paid to external agencies. In support of the stated student learning outcomes, there are 24 TBA hours for clinical placement.

Prerequisite: Current Emergency Medical Responder card (preferred), or current CPR card (either American Heart Association/BLS Healthcare Provider level, or American Red Cross/Professional Rescuer level). Students wishing to satisfy HEA-140C's (EMT) prerequisite through LTCC should register for the course the "Emergency Medical Responder (HEA 106). Students can also satisfy the HEA-140C's (EMT) prerequisite through non-LTCC courses by taking a Basic Life Support (BLS) Training for Healthcare and Public Safety course, which covers breathing and cardiac emergencies for healthcare providers. Barton Education offers the BLS course several times throughout the year. For more information, contact Sharlene Lemus by phone at 530.543.5703 or by email at slemus@bartonhealth.org. Use this link to register online: https://bartonhealth.docebosaas.com/community/learn/public/course/view/classroom/535/2018-bls-basic-life-support. The prerequisite course must be completed PRIOR to registering for HEA-140C!

Prerequisite: In support of the stated student learning outcomes, there are 24 TBA hours for clinical placement. Students will be required to provide documentation of two doses of Measles, Mumps, Rubella (MMR) immunization or positive antibody titers; two doses of varicella vaccination (Chickenpox) OR positive antibody titer; documentation of Hepatitis B vaccination OR positive Hepatitis B surface antibody titer; screening for documented history of Tetanus, Diphtheria, and Pertussis (Tdap) vaccination; and results of a recent TB test within the last year. Students with a history of a positive PPD (Tuberculin skin test) or Quantiferon blood test in the past must provide a chest x-ray report and/or documentation of any medical treatment for TB. During flu season (September through March) students must provide documentation of annual flu vaccination.

Please Note: Students will be required to complete the required Barton Health paperwork, provided during the EMT Mandatory Orientation, by the first day of class or the student will be dropped.

(Course Descriptions are subject to change.)

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Medical Office Assistant: Administrative

The Medical Office Assistant: Administrative degree and certificate programs are designed to augment the Certified Medical Assistant: Clinical program through our Regional Training Partners at Barton University and is required for employment consideration at Barton Health. For more information on their Medical Assistant Program, visit http://education.bartonhealth.org or call them at 530.543.5549.



Overview: Two employable skills certificates have been designed to assist students in obtaining responsible entry-level administrative positions in medical offices. The ultimate goal of these certificates is to develop competency in communication, critical thinking, and technology applications as required for the delivery of safe, ethical, legal, and compassionate patient care. For more about this program, contact the Career and Technical Education department at extension 583 or 723.

BILLING AND CODING (8 units):

MOA 236 Basic Principles of Medical Coding (5) MOA 237 Medical Insurance Billing (3)

MEDICAL TERMINOLOGY (8 units):

MOA 238 Medical Terminology, Part I (4) MOA 240 Medical Terminology, Part II (4)

MOA 236: Basic Principles of Medical Coding 5 units – This course provides an overview of front office medical assisting. Emphasis is placed on records management, telephone and reception skills, scheduling, medical insurance, HIPAA, and medical legal issues. Ethics and the history of medicine will also be explored. Completion of this course will provide students with the fundamental skills necessary to work in the medical front office.

MOA 237: Medical Insurance Billings 3 units – This is an introductory course in the basic procedures of filing, tracing, and processing insurance claims with emphasis on Medicare, Medi-Cal, Workers Compensations, and commercial claims.

MOA 238: Medical Terminology, Part 1 4 units- This is a foundation course for students interested in allied health and medical fields. This course builds a solid base for understanding the language of medicine. Students will be oriented to the basic structure of medical terms and their components, with an emphasis on analysis, meaning, spelling, and pronunciation. Topics include word roots, combining forms, prefixes, suffixes, spelling, and pronunciation. This course highlights the integumentary, skeletal, and muscular systems.

MOA 240: Medical Terminology, Part 2 4 units – This course is a continuation of MOA 238 and offers a more thorough presentation of medical terminology within a health care setting. Topics include advanced word roots, combining forms, prefixes, suffixes, spelling, and pronunciation. This course highlights the blood and immune, cardiovascular and lymphatic, respiratory, digestive, urinary, and reproductive systems.

Prerequisite: MOA 238 with a grade of "C" or better or equivalent.

Course descriptions are subject to change.)

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Catalog: 2018-19



Medical Office Assistant: Administrative



Overview The Medical Office Assistant: Administrative certificate is designed to provide students with essential knowledge and skills to assume responsible administrative positions in medical offices. The core curriculum in the Medical Office Assistant: Administrative program focuses on the effective use of medical terminology and the mechanics of medical coding and billing procedures. Additional courses emphasize contemporary medical office technology skills such as effective computer files management, data entry, and word processing. Students will develop solid skills in bookkeeping/accounting, math, and oral communication as well as an in depth understanding and appreciation of ethical issues related to employment in a medical office. **NOTE:** The Medical Office Assistant: Administrative degree and certificate programs are designed to augment the Certified Medical Assistant: Clinical program through our Regional Training Partners at Barton University and is required for employment consideration at Barton Healthcare. To learn more about this program visit their website: <u>http://education.bartonhealth.org</u>.

Program Learning Outcomes:

• Demonstrate effective use of advanced medical terminology.

• Identify, evaluate, and appropriately apply principles of medical office administration and demonstrate competency in performing administrative clerical duties.

• Demonstrate accuracy in common medical insurance billing and coding procedures to ensure proper reimbursement.

A. REQUIRED COURSES:

31.75 units distributed as follows:
1. All courses from the following (27.75 units):
BSN 102 Business Information Processing and Systems (4)
BSN 152A Fundamentals of Bookkeeping I (4)
HEA 149 Introduction to Medical Ethics and Law (.75)
MOA 235 Introduction to Administrative Medical Assisting (3)
MOA 236 Basic Principles of Medical Coding (5)
MOA 237 Medical Insurance Billing (3)
MOA 238 Medical Terminology, Part 1 (4)
MOA 240 Medical Terminology, Part 2 (4)

2. One course from the following (4 units):

BSN 104 Business Communications (4) BSN 105 Professional Communication (4) SPE 102 Intercultural Communications (4) SPE 104 Speech Communication (4)

(Course Descriptions are subject to change.)

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Catalog: 2018-19



Physical Therapy Aide

Students may also be interested in the Personal Trainer Certification program. The program includes a hands-on experience with an exercise population. This certification also prepares students for industry standard personal trainer examinations. For further information about this program, contact the Physical Education department at extension 557.



Overview: This employment skills certificate is offered by the Career & Technical Education and Physical Education departments in collaboration with Barton Health Care. Two Physical Therapy Aide courses augment two PE courses and students can expect to complete their training in one year. Students will learn how to assess vital signs, identify contraindications of treatment, and apply therapeutic modalities. Both PT Aide courses contain an externship component wherein students are placed in clinical positions to gain relevant on-the-job experience. This intensive training program culminates in a working skill set for Physical Therapy Aide and associated allied health professions. For further information about this program, contact the Career and Technical Education department at extension 583 or 723.

All courses from the following (14 units):

HEA 119A Introduction to Physical Therapy Aide HEA 119B Advanced Physical Therapy Aide PET 100 Introduction to Exercise Science PET 102A Care and Prevention of Athletic Injuries.

HEA-119A: Introduction to Physical Therapy Aide 3 units This course introduces students to the physical therapy and related allied health professions. Students will learn the foundational skills required to work as a Physical Therapy Aide and will develop a solid platform from which further studies in allied health careers can be pursued. Specific topics such as legal and ethical issues, medical terminology, basic anatomy, and human movement will be introduced. Students will also participate in externship experiences as an introduction to the rehabilitation field. In support of the stated student learning outcomes, this course includes eight TBA hours for a Physical Therapy Aide externship placement.

HEA-119B: Advanced Physical Therapy Aide 3 units This course builds on the knowledge gained in HEA 119A (Introduction to Physical Therapy Aide) and culminates in a working skill set for the Physical Therapy Aide profession. Students will learn how to assess vital signs, identify contraindications of treatment, and apply therapeutic modalities. Students will also build experience and knowledge in the application of therapeutic exercise and hands-on rehabilitation strategies through coursework and externships. In support of the stated student learning outcomes, this course includes 16 TBA hours for a Physical Therapy Aide externship placement.

Prerequisites: Completion of HEA 119A with a grade of "B" or better.

PET100: Introduction to Exercise Science 4 units This course introduces students to exercise physiology and its relationship to health, fitness, and performance. The course also introduces students to how the body's systems, such as cardiovascular and muscular, respond and adapt to exercise.

PET102A: Care and Prevention of Athletic Injuries 4 units This course provides an overview of the skeletal and muscular anatomy and kinesiological principles of movement. The course also introduces the mechanisms, signs and symptoms, evaluation, treatment modalities, and prevention activities of sports injuries.

(Course Descriptions are subject to change.)

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2018 Basic Life Support CPR Classes



Barton

Health

BLS - 4 Hour Classroom

Basic Life Support covers one-rescuer and team cardiopulmonary resuscitation (CPR) skills with the use of the automated external defibrillator (AED) for both hospital and pre-hospital settings. Content includes continuous high-quality care for adult, child, and infant ages. This class will meet any CPR training requirements for academic programs (including LTCC EMT) and healthcare licensure.

Course Price: \$75

<u>Class Dates</u>		
August 7, Tu	October 2, Tu	November 29, Th
August 18, Sat	October 13, Sat	December 4, Tu
August 20, M	October 15, M	December 15, Sat
	October 25, Th	December 17, M
August 30, Th	October 29, M	
September 4, Tu	November 6, Tu	Class Times
September 15, Sat	· · · · · · · · · · · · · · · · · · ·	
September 20, Th	November 17, Sat	Weekdays: 8:30-12:30pm
September 24, M	November 19, M	Saturdays: 1-5pm

BLS - Online with Skills Testing

The accelerated HeartCode BLS program allows experienced learners to complete the didactic portion of class online and the skills testing portion with our hands-on Voice Assisted Manikin (VAM). After you register for this class, you will receive an email confirmation with information on how to access the online course. The schedule below is for the hands-on sessions located in our office.

Course Price: \$90

Skills testing appointments are available weekly. Please see our website for details.

Classes are held in our classroom: 1111 Emerald Bay Road, South Lake Tahoe, CA 96150

Registration fees include an AHA Provider Manual. Barton Health employees are provided free registration and can find their provider manuals in their departments.

The American Heart Association strongly promoted knowledge and proficiency in all AHA courses and has developed instructional materials for this purpose. Use of these materials in an education course does not represent course sponsorship by the AHA. Any fees charged for such a course, except for a portion of fees needed for AHA course materials, do not represent income to the AHA.



Certified Nursing Assistant Program

The eight week Certified Nursing Assistant Program prepares students to perform a variety of clinical duties in Skilled Nursing Facility and Long Term Care environments. The program includes theory and clinical practice, and students will focus on the necessary skills to deliver safe patient care and basic restorative services. Students will participate in clinical hours at Barton's Skilled Nursing Facility.

The program is approved by the California Department of Public Health as a Nurse Assistant Training Program, and completion provides eligibility to take the nursing assistant certifying examination. Please note, completion of the program does not guarantee certification nor employment.

Our program meets Tuesday through Thursday, from 7am-5:30pm

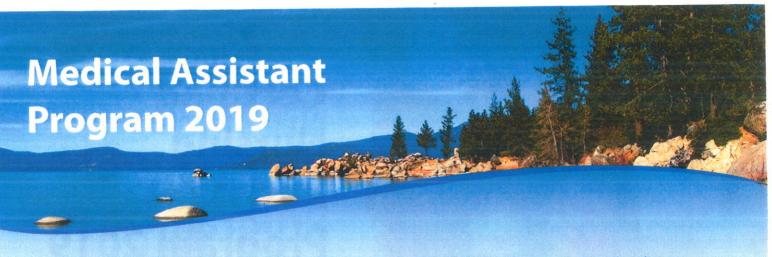
Fall 2018 Session Dates:

Application Deadline, August 20 Registration Deadline, September 17 Class Begins, September 24

The Fall course registration fees of \$1600 include all equipment, supplies, and textbook. Students are responsible for purchasing a stethoscope, blood pressure cuff, and teal scrubs.

Please visit our website to apply http://education.bartonhealth.org or call us at 530-543-5549 Anticipated 2019 Sessions: Winter Session, January Spring Session, May Fall Session, September





Our expedited six-month Medical Assistant Program prepares students to perform clinical and administrative duties in the healthcare setting. The program includes classroom lecture and discussion, online coursework, classroom clinical practicum, and ten externship days at various Barton outpatient clinics.

Administrative topics include:

- Medical Office Management
- Medical Law
- Electronic Health Records
- Infection Control
- Anatomy and Physiology
- Medical Terminology

Hands-on topics include:

- Obtaining Vital Signs (Pulse, Blood Pressure, Temperature, Height, Weight)
- Point of Care Testing (Urinalysis, Throat Cultures)
- Assisting with Physical Exams (Wound Care, Suture Removal, Positioning)
- Pharmacology (Medication Administration)
- Phlebotomy/Venipuncture (Blood Draw)
- Interpreting Electrocardiograms (ECG)

Graduation from the program qualifies the student to take the NCCT exam to become a Nationally Certified Medical Assistant. Obtaining this certification qualifies graduates to work as Certified Medical Assistants in a number of healthcare settings, including Barton outpatient clinics. The course registration fees of \$3600 include all equipment, supplies, and textbook. Students are responsible for purchasing a stethoscope, blood pressure cuff, and solid colored scrubs. Discount available for Barton employees. Please note, completion of the program does not guarantee certification nor employment.

Our program meets: Monday through Thursday evenings, 5pm-9pm at the Barton Education classroom, **1111 Emerald Bay Road / South Lake Tahoe, CA 96150.**

Upcoming Sessions: Spring 2019 session begins January 7 Application is open October 10 - November 19

Fall 2019 session begins July 1 Application is open March 18 - May 29

Please visit our website to apply http://education.bartonhealth.org or call us at 530-543-5549

