



## 2021-2022 SHAWNEE COMMUNITY COLLEGE CORRECTIONS/ADDITIONS ADDENDUM

MEDICAL ASSISTANT (ONE-Year Certificate) Page 61  
(HCM 1201) Minimum 32 hours

### First Semester

	FALL SEMESTER		Credit Hours
	HIT 100	Medical Terminology	3
	BIO 212	Anatomy & Physiology	3
	MA 100	Medical Office Procedures	3
	MA 101	Patient Care I	3
	MA 102	Billing and Coding	3
	MA 103	Medical Law and Ethics	3
		<b>TOTAL HOURS</b>	<b>18</b>

### Second Semester

	SPRING SEMESTER		Credit Hours
	MA 104	Professionalism and Safety	3
	MA 105	Patient Care II	3
	MA 106	Medical Assisting Pharmacology	2
	MA 107	Lab Diagnostics	4
	MA 108	Internship	2
		<b>TOTAL HOURS</b>	<b>14</b>

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### Possible Career Opportunities:

O\*NET Links: [www.onetonline.org](http://www.onetonline.org) SOC Codes:

Pending HLC approval

### Admission Requirements:

Persons seeking admission to the Medical Assistant program must meet the following criteria:

1. Be a graduate of an accredited high school or have attained a GED.
2. Be at least 18 years of age.
3. Submit a criminal background check and drug screen prior to enrolling in MA-0108 Internship.
4. Be certified in CPR Healthcare Providers prior to enrolling in MA-0108 Internship.
5. PPD one-step test, MMR vaccinations (titers required if unable to provide proof of two documented MMR vaccinations), Tdap, Varicella, and Hepatitis B series.

COURSE NUMBER OR PROGRAM NAME	PAGE NUMBER(S)	TYPE OF CHANGE	REVISION/CHANGE	EFFECTIVE DATE
<b>TDR 167 Truck Driver/CDL Refresher</b>  By Request	158	Re-Added	<p>This course is designed to evaluate abilities of persons who possess current commercial driver's license and to provide additional training if necessary.</p> <p><b>Credit:</b> .5 hours – One lab hour per week.  <b>Prerequisites(s):</b> Must possess current CDL and DOT physical</p>	8/2021
<b>CHE 114 INORGANIC CHEMISTRY I</b>	107	Wrong course description in new catalog & Colleague	<p>This course is designed for persons interested in any of the sciences, including engineering, pre-medical and pre-dental. This is the first part of a two-semester inorganic chemistry sequence. This course includes lab experiments and lecture topics that cover the following concepts: atomic structure; chemical and physical characteristics of compounds; chemical bonding; types of chemical reactions; quantities in chemical reactions; and the relationship between the periodic table and the properties of elements.</p> <p><b>Credit:</b> 5 hours – Four lecture and two lab hours per week.  <b>Prerequisite(s):</b> : CHE 111- Inorganic, Organic &amp; Biochemistry I and MAT 043- Intermediate Algebra or satisfactory high school equivalences for both.</p>	8/2021
<b>CHE 115 INORGANIC CHEMISTRY II</b>	107	Wrong course description in new catalog & Colleague	<p>This course is the second semester of a two-semester inorganic chemistry course. The course includes lab experiments and lecture topics that cover the following topics” characteristics of gases, liquids and solids; solutions and colligative properties; reaction rates and equilibrium; acid and base chemistry; oxidation-reduction and voltaic cells; and nuclear chemistry</p> <p><b>Credit:</b> : 5 hours - Four lecture and two lab hours per week</p>	

			<b>Prerequisite(s):</b> CHE 114-Inorganic Chemistry and MAT 116-College Algebra or consent of instructor.	
<b>BIO 221 ANATOMY AND PHYSIOLOGY I</b>	102	New Course Description	<p>This course is the first part of a two-semester anatomy and physiology class. This portion provides an overview of cytology, histology, and organ systems (integumentary, muscular, skeletal and nervous). Lecture topics are correlated with laboratory activities including anatomical models and vertebrate dissection.</p> <p><b>Semesters offered:</b> Fall/Spring/Summer  <b>Prerequisites:</b> BIO 115 with a minimum grade of C or higher.  <b>Credit Hours:</b> Four (4) credit hours (3 lecture and 2 lab hours per week)</p>	8/2021
<b>BIO 222 ANATOMY AND PHYSIOLOGY II</b>	102	New Course Description	<p>This course is the second in a two-part series covering gross and microscopic structures of the human body and basic understanding of physiological mechanisms. This course specifically covers the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive, urinary, and reproductive. Emphasis is placed on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab portion of the course provides learning experiences for the exploration of class topics and how they relate to health and wellness of the human organism. This course is intended for those that plan to major in an allied health career.</p> <p><b>Semester offered:</b> Fall/Spring  <b>Prerequisites:</b> BIO 221 with a minimum grade of C or higher.  <b>Credit Hours:</b> Four (4) credit hours (3 lecture and 2 lab hours per week)</p>	
<b>Medical Lab Technologist (MLT 2204)</b>	83	Curriculum Guide Change	Replace BIO 210 and BIO 215 with BIO 221 and BIO 222	2021-2022 Catalog

<b>Occupational Therapy Asistant (OTA2237)</b>	84	Curriculum Guide Change	Replace BIO 215 with BIO 222	2021-2022 Catalog
<b>Surgical Technology (ORT 5199)</b>	85	Curriculum Guide Change	Surgical Technology went from a one-year to a two-year program effective Fall 2021	2021-2022 Catalog

**BASIC HEATING AND AIR CONDITIONING (LESS-THAN-ONE-YEAR Certificate) Page 76**  
**(HAC 2233) Minimum 29 hours**

	<b>FALL SEMESTER</b>		<b>Credit Hours</b>
	BEL 161	Basic Electricity I	3
	HAC 160	Air Conditioning I	3
	HAC 111	Basic Sheet Metal Layout	3
	HEA 160	Heating I	3
	ENG 111	English Composition I	3
	<b>TOTAL HOURS</b>		<b>15</b>

	<b>SPRING SEMESTER</b>		<b>Credit Hours</b>
	BEL 162	Basic Electricity II	3
	OSH 102	OSHA General Industry	3
	HAC 260	Air Conditioning II	3
	HAC 211	Advanced Sheet Metal Layout	2
	HEA 260	Heating II	3
	<b>TOTAL HOURS</b>		<b>14</b>

**HEATING/VENTILATION/ AC/REFRIGERATION (HVACR) (AAS Degree) Page 76**  
**(HAC 2236)**

	<b>FALL SEMESTER</b>		<b>Credit Hours</b>
	BEL 161	Basic Electricity I	3
	HAC 160	Air Conditioning I	3
	HAC 111	Basic Sheet Metal Layout	3
	HEA 160	Heating I	3
	ENG 111	English Composition I	3
	<b>TOTAL HOURS</b>		<b>15</b>

	<b>FALL SEMESTER</b>		<b>Credit Hours</b>
	COM 111	Business Computer Systems	4
	HAC 130	Commercial Refrigeration I	3
	HAC 113	Electrical Controls and Circuitry	3
	HAC 220	Installation of HVAC Systems	3
	MAT 110	General Education Mathematics	4
	<b>TOTAL HOURS</b>		<b>17</b>

	<b>SPRING SEMESTER</b>		<b>Credit Hours</b>
	BEL 162	Basic Electricity II	3
	OSH 102	OSHA General Industry	3
	HAC 260	Air Conditioning II	3
	HAC 211	Advanced Sheet Metal Layout	2
	HEA 260	Heating II	3
	<b>TOTAL HOURS</b>		<b>14</b>

	<b>SPRING SEMESTER</b>		<b>Credit Hours</b>
	HAC 212	Advanced Heating Systems	3
	HAC 213	Advanced Electrical Controls and Circuitry	3
	HAC 230	Commercial Refrigeration II	3
	PSY 211	Introduction to Psychology	3
	SPC 111	Speech	3
	<b>TOTAL HOURS</b>		<b>15</b>

SECTION	PAGE NUMBER (S)	TYPE OF CHANGE	ADDITION	EFFECTIVE DATE
Shawnee Community College 2021-2022 Academic Calendar	10	Last Day to Drop with Refund	8-Week June 10 First 4-Week June 6 Second 4-Week July 5	6/17/2021
Shawnee Community College 2021-2022 Academic Calendar	10	Last Day to Drop without Financial Penalty	June 29	6/21/2021

**MEDICAL LAB TECHNOLOGIST (AAS Degree) Page 83**  
**(MLT 2204)**

**First Year**

	FALL SEMESTER		Credit Hours
	BIO 221	Anatomy and Physiology I *	4
	CHE 111	Inorganic, Organic and Biochemistry I	4
	*MAT 116	College Algebra	4
	MLT 120	Intro to Clinical Laboratory	3
	<b>TOTAL HOURS</b>		<b>15</b>

**Second Year**

	FALL SEMESTER		Credit Hours
	MLT 223	Immunohematology (first 10 ½ weeks)	4
	MLT 228	Hematology and Hemostasis (first 10 ½ weeks)	5
	MLT 251	Clinical Rotation I (last 6 ½ weeks)	3
	<b>TOTAL HOURS</b>		<b>12</b>

	SPRING SEMESTER		Credit Hours
	BIO 222	Anatomy and Physiology II	4
	BIO 218	Intro to Microbiology	4
	CHE 113	Inorganic, Organic and Biochemistry II	4
	MLT 121	Serology (second eight weeks)	1.5
	MLT 122	Clinical Microscopy (first eight weeks)	1.5
	MLT 123	Intro to Phlebotomy	3
	<b>TOTAL HOURS</b>		<b>18</b>

	SPRING SEMESTER		Credit Hours
	MLT 225	Clinical Chemistry (first 10 ½ weeks)	4
	MLT 229	Applied Clinical Microbiology (first 10 ½ weeks)	5
	MLT 252	Clinical Rotation II (last 6 ½ weeks)	3
	PSY 211	Intro to Psychology	3
	<b>TOTAL HOURS</b>		<b>15</b>

	SUMMER SEMESTER		Credit Hours
	ENG 111	English Composition I	3
	SPC 111	Speech	3
	<b>TOTAL HOURS</b>		<b>6</b>

\*Prerequisite course BIO 115 Human Biology

**OCCUPATIONAL THERAPY ASSISTANT (AAS Degree) Page 84****(OTA 2237) Minimum 70 hours**  
ewheeler@siccm.com

Elizabeth Wheeler| (618) 942-6902 |

**Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA)****6116 Executive Boulevard, Suite 200  
North Bethesda, MD 20852-4929  
301-652-2682 – accred@aota.org****First year**

<b>FALL SEMESTER</b>		<b>Credit Hours</b>
ENG 111	English Composition I	3
HIT 100	Medical Terminology	3
OTA 100	Intro to Occupational Therapy	2
OTA 110	Clinical Observation	2
OTA 131	Disease and Impact on Occupation	3
OTA 132	Occupational Development	1
OTA 210	Occupational Therapy Theory I	4
<b>TOTAL HOURS</b>		<b>18</b>

**Second Year**

<b>FALL SEMESTER</b>		<b>Credit Hours</b>
OTA 200	Psychosocial Therapy and Practice	3
OTA 205	OT in Pediatrics	4
OTA 230	Clinical Rotation II	2
OTA 231	Occupational Therapy Theory II	1.5
OTA 232	Aging and Impact on Occupational Performance	1.5
PSY 218	Child Psychology	3
<b>TOTAL HOURS</b>		<b>15</b>

<b>SPRING SEMESTER</b>		<b>Credit Hours</b>
BIO 222	Anatomy and Physiology II*	4
OTA 112	Activities of Daily Living	3
OTA 120	Occupational Therapeutic Media	3
OTA 122	OT Group Process	2
OTA 133	Clinical Rotation I	1
OTA 134	Occupational Therapy in Physical Disabilities	3
PSY 211	Introduction to Psychology	3
<b>TOTAL HOURS</b>		<b>19</b>

<b>SPRING SEMESTER</b>		<b>Credit Hours</b>
***OTA 217	Fieldwork Experience I	4.5
***OTA 218	Fieldwork Experience II	4.5
OTA 250	OT Administration	3
<b>TOTAL HOURS</b>		<b>12</b>

\*Pre-requisite courses: BIO 115-Human Biology and BIO 221-Anatomy and Physiology I.

\*\*Individual campuses may require prerequisites for Anatomy and/or Physiology.

\*\*\*MAT 210-Elementary Statistics should be taken by students wishing to transfer. MAT 121-Technical Mathematics is a non-transferable math.

**Surgical Technology (AAS Degree) Page 85**  
**ORT 5199**

**First Year**

	<b>FALL SEMESTER</b>		<b>Credit Hours</b>
	STP 121	Introduction to ST	3
	HIT 100	Medical Terminology	3
	BIO 221	Anatomy and Physiology I *	4
	MAT 122	Applied Basic Mathematics	3
		<b>TOTAL HOURS</b>	<b>13</b>

	<b>SPRING SEMESTER</b>		<b>Credit Hours</b>
	STP 122	Principles and Practices	7
	STP 127	Pharmacology for Health Professions	3
	BIO 222	Anatomy and Physiology II	4
		<b>TOTAL HOURS</b>	<b>14</b>

	<b>SUMMER SEMESTER</b>		<b>Credit Hours</b>
	STP 123	Surgical Procedures I	3
	STP 125	Clinical Rotation I	2.5
	ENG 111	English Composition	3
		<b>TOTAL HOURS</b>	<b>8.5</b>

**Second Year**

	<b>FALL SEMESTER</b>		<b>Credit Hours</b>
	STP 225	Surgical Procedures II	5
	STP 226	Clinical Rotation II	5
	BIO 218	Introduction to Microbiology	4
		<b>TOTAL HOURS</b>	<b>14</b>
	<b>SPRING SEMESTER</b>		<b>Credit Hours</b>
	STP 227	Surgical Procedures III	5
	STP 228	Clinical Rotation III	5
	SPE 111 or SPE 210	Speech or Interpersonal Communication	3
		<b>TOTAL HOURS</b>	<b>13</b>