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# **Goodheart-Willcox Publisher Correlation of** Introduction to Health Science ©2016

	Introduction to Health Science © 2016			
to Precision Exams				
Health Sciences, Introduction (700)				
	STANDARD CORRELATING PAGES			
Foundatio	n Standard 1: Academic Foundation			
	nd human anatomy, physiology, common dise	ases and disorders, and medical math		
principles.				
1.1		my and Physiology		
1.11	Identify basic levels of organization of the human body.	154–166		
1.11a	Chemical	154		
1.11b	Cellular	154-157, 170 (#22)		
1.11c	Tissue	157		
1.11d	Organs	158-159		
1.11e	Systems	158-159		
1.11f	Organism	159-166		
1.12	Identify body planes, directional terms, cavities, and quadrants.	159–166		
1.12a	Body planes (sagittal, mid-sagittal, coronal/frontal, transverse/horizontal)	166-167, 170 (#23)		
1.12b	Directional terms (superior, inferior, anterior/ventral, posterior/dorsal, medial, lateral, proximal, distal superficial, and deep)	159, 161-162, 170 (#23 and 24)		
1.12c	Cavities (dorsal, cranial, spinal, thoracic, abdominal, and pelvic)	164-165		
1.12d	Quadrants (upper right, lower right, upper left, and lower left)	163-164, 170 (#23)		
1.13	Analyze basic structures and functions of human body systems (skeletal, muscular, integumentary, cardiovascular, lymphatic, respiratory, nervous, special senses, endocrine, digestive, urinary, and reproductive).	293–323, 442–467, 592–619, 724–761		
1.13a	Skeletal (bone anatomy, axial and appendicular skeletal bones, functions of bones, ligaments, types of joints)	304-315, 326 (#16)		
1.13b	Muscular (microscopic anatomy of muscle tissue, types of muscle, locations of skeletal muscles, functions of muscles, tendons, directional movements)	315-323, 327 (#21)		
1.13c	Integumentary (layers, structures and	294-303, 326 (#19)		



functions of skin)  Cardiovascular (components of blood, structures and functions of blood  1.13d components, structures and functions of the cardiovascular system, conduction system of the heart, cardiac cycle)  Lymphatic (structures and functions of lymphatic system, movement of lymph fluid)  Respiratory (structures and functions of respiratory system, physiology of 460-467, 470 (#20), 471 (#26)	
structures and functions of blood components, structures and functions of the cardiovascular system, conduction system of the heart, cardiac cycle)  Lymphatic (structures and functions of lymphatic system, movement of lymph fluid)  Respiratory (structures and functions of	
1.13d components, structures and functions of the cardiovascular system, conduction system of the heart, cardiac cycle)  Lymphatic (structures and functions of lymphatic system, movement of lymph fluid)  Respiratory (structures and functions of	
the cardiovascular system, conduction system of the heart, cardiac cycle)  Lymphatic (structures and functions of lymphatic system, movement of lymph fluid)  Respiratory (structures and functions of	
system of the heart, cardiac cycle)  Lymphatic (structures and functions of  1.13e lymphatic system, movement of lymph fluid)  Respiratory (structures and functions of	
Lymphatic (structures and functions of  1.13e lymphatic system, movement of lymph fluid)  Respiratory (structures and functions of	
1.13e lymphatic system, movement of lymph 452-459, 471 (#25) fluid)  Respiratory (structures and functions of	
fluid)  Respiratory (structures and functions of	
Respiratory (structures and functions of	
1.13f   respiratory system, physiology of   460-467, 470 (#20), 471 (#26)	
respiration)	
Nervous (structures and functions of	
1.13g nervous tissue and system, organization of 724-742, 764 (#15)	
nervous system)	
Special senses (structures and functions of	
1.13h eye, ear, nose and tongue; identify senses 743-754, 764 (#17), 765 (#22)	
for sight, hearing, smell, taste, touch)	
Endocrine (endocrine versus exocrine,	
1.13i structures and functions of endocrine 755-761, 764 (#15 and 19)	
system, normones, regulation of	
hormones)	
Digestive (structures and functions of	
gastrointestinal tract, chemical and 1.13j gastrointestinal tract, chemical and 592-600, 622 (#14), 623 (#23)	
mechanical digestion, structures and	
functions of accessory organs)  Urinary (structures and functions of	
urinary system, gross and microscopic	
1.13k anatomy, process of urine formation, 601-606, 622 (#14), 623 (#24)	
urine composition, homeostatic balance)	
Reproductive (structures and functions of	
male and female reproductive systems,	
1.13I formation of gametes, hormone 607-619, 623 (#25)	
production and effects, menstrual cycle,	
and conception)	
1.2 Diseases and Disorders	
296-297, 300-303, 306-307, 314-315	319-
Describe common diseases and disorders   320, 322, 326 (#18), 365–367, 405–406	
of each body system (such as: cancer, 450–452, 457, 458-459, 461–463, 465	
1.21   diabetes, dementia, stroke, heart disease,   (#18) 471 (#23 and 24) 494 598 600	
tuberculosis, nepatitis, COPD, kidney 610, 613, 623 (#22), 731, 733, 735, 749	
disease, arthritis, ulcers). 754, 756, 760	,
1.21a Etiology 296, 302, 307, 314-315, 320, 405, 598,	610
296, 302, 307, 314-315, 320, 365, 443,	
1.21b Pathology 458-459, 463, 598, 610, 749-750, 756, 7	-
1.21c Diagnosis 457, 458-459, 749-750, 760	



4.34.1	Tuestassast	244 240 220 454 450 602 722
1.21d	Treatment	314, 319-320, 451, 459, 602, 733
1.21e	Prevention	302, 365, 452, 454-455, 610, 750
	Discuss research related to emerging	
1.22	diseases and disorders (such as: autism,	428 494 617 637, 731
	VRSA, PTSD, Listeria, seasonal flu).	
	Describe biomedical therapies as they	10-15, 35 (#24), 234–235, 304, 337–343, 397–
1.23	relate to the prevention, pathology, and	398, 454, 457, 459, 630–631, 633–635, 637,
	treatment of disease.	650–651, 696, 701–709, 718 (#17 and 23)
1.23a	Gene testing	12, 337, 704-705, 718 (#17), 719 (#38)
1.23b	Gene therapy	12, 651
1.23c	Human proteomics	157, 293, 296, 337, 443, 594, 650
1.23d	Cloning	707, 718 (#24)
1.23e	Stem cell research	13, 171 (#27), 651, 707-709, 718 (#25)
1.3	Medical	Mathematics
		96-99, 107-109, 238–255, 258 (#23, 24, 25,
	Demonstrate competency in basic math	26, 27), 326 (#17), 399–409, 413 (#26, 27, 28),
1.31	skills and mathematical conversions as	470 (#21 and 22), 540–551, 554 (#21 and 28),
	they relate to healthcare.	555 (#30 and 31), 644–647, 681–689, 692
		(#25 and 26)
1 215	Matric system (such asy conti milli kila)	240-242, 245-246, 258 (#25 and 27), 541, 549,
1.31a	Metric system (such as: centi, milli, kilo)	644
	Mathematical (average, ratios, fractions,	35 (#26), 97, 123, 247, 248, 286 (#27), 408,
1.31b	percentages, addition, subtraction,	548-549, 551, 554 (#28), 555 (#30 and 31),
	multiplication, division)	685, 688, 689, 692 (#25)
	Conversions (height, weight/mass,	242 245 250 (#22 24 25 26 27) 250 (#21)
1.31c	length, volume, temperature, household	243-245, 258 (#23, 24, 25, 26, 27), 259 (#31), 399-400, 402, 406, 413 (#26 and 28)
	measurements)	399-400, 402, 400, 413 (#20 and 28)
	Demonstrate the ability to analyze	9–10, 18, 19, 90, 99-100, 113 (#26), 303, 307,
1.32	diagrams, charts, graphs, and tables to	347, 350, 353, 399, 401, 403, 405, 407, 413
1.52	interpret healthcare results.	(#27), 436 (#20), 444, 466, 501, 586 (#16),
	Interpret healthcare results.	674-675, 686, 718 (#20 and 21)
1.33	Demonstrate use of the 24-hour	239–240, 258 (#23 and 24)
	clock/military time.	239–240, 238 (#25 dilu 24)
	n Standard 2: Communications	
Demonstra	ate methods of delivering and obtaining infor	
2.1	Concepts of Effe	ctive Communication
2.11	Model verbal and nonverbal	74 72 75 76 02 04 442 (947 24 22) 221
2.11	communication.	71-72, 75-76, 83-84, 112 (#17, 21, 22), 224
	Identify common barriers to	
2.12	communication.	127, 225–229, 385–393
	Physical disabilities (aphasia, hearing	
2.12a	loss, impaired vision)	226, 227
	Psychological barriers (attitudes, bias,	
2.12b	prejudice, stereotyping)	390-391, 413 (#33)
2.13	Identify the differences between	81, 381, 673, 687, 689, 693 (#28)
۷.13	identity the differences between	01, 301, 073, 007, 003, 033 (#20)



	subjective and objective information.	
	Interpret elements of communication	
2.14	using basic sender-receiver-message-	70–74
	feedback model.	
2.45	Practice speaking and active listening	72–74, 83–86, 112 (#21), 216 (#24), 220–225,
2.15	skills.	286 (#26), 653–655
	Modify communication to meet the	76 06 00 442 (#24) 220 220 200 202 205
2.16	needs of the patient/client and to be	76, 86–88, 113 (#31), 220–229 380–382, 385- 392, 412 (#24), 413 (#33), 562
	appropriate to the situation.	392, 412 (#24), 413 (#33), 302
2.2	Medical	Terminology
2.21	Use common roots, prefixes, and suffixes	148–153, 170 (#16), 241, 325 (#13), 469 (#14),
2.21	to communicate information.	622 (#13), 763 (#13)
2.22	Interpret medical abbreviations to	53, 82, 148–150, 170 (#18), 249, 259 (#29),
2.22	communicate information.	266, 286 (#17 and 18), 402
2.22a	Common abbreviations	148-149, 249, 266
2.22b	Joint Commission official "Do Not Use List"	82
2.3	Written Con	nmunication Skills
	Utilize proper elements of written and	50–54, 62, 66 (#20 and 21), 76, 92–96, 113
2.31	electronic communication (spelling,	(#29), 170 (#20), 207–209, 532, 672–676
	grammar, and formatting).	(#25), 170 (#20), 207–205, 332, 072–070
		50–54, 66 (#20, 21, 22), 67 (#26), 85–86, 92–
	Prepare examples of technical, informative, and creative writing.	96, 112 (#18 and 22), 113 (#29, 30, 32), 207–
		209, 216 (#18), 217 (#32), 265, 286 (#22), 326
2.32		(#20), 376 (#18 and 21), 436 (#21), 470 (#20),
	,	521 (#14), 532, 554 (#20), 622 (#17), 664
		(#23), 665 (#35), 672-674, 692 (#19 and 21), 718 (#25)
Foundation	on Standard 3: Systems	- 1 - 7
	ow key systems affect services performed and	d quality of care.
3.1	Healthcare	Delivery Systems
3.11	Compare healthcare delivery systems.	116–122, 142 (#15), 143 (#31)
	Non-profit and for profit (such as:	
	hospitals, ambulatory facilities, long-	
3.11a	term care facilities, home health,	120-121, 142 (#19)
	medical and dental offices, mental	
	health services)	
	Government (such as: CDC, FDA, WHO,	
3.11b	OSHA, Public Health systems/Health	118-119, 142 (#17 and 18), 143 (#24)
	Departments, Veteran's Administration)	
3.11c	Non-profit (such as: March of Dimes,	119-120
	American Heart Association)	
	Describe the responsibilities of	
3.12	consumers within the healthcare system	133–134, 271, 418–419, 436 (#18), 437 (#29)
	(such as: self-advocacy, patient	, , , , , , , , , , , , , , , , , , , ,
	compliance, provider and consumer	



	obligations).	
	Assess the impact of emerging issues on	
	healthcare delivery systems (such as:	17–20, 122, 126–127, 132–133, 416–418, 704-
3.13	technology, epidemiology, bioethics, and	709
	socioeconomics).	763
	Discuss healthcare economics and	1- 00 100 100 100 100 100 100 1
3.14	common methods of payment for	17–20, 100, 103–109, 122–125, 142 (#20 and
	healthcare.	21), 416-418
3.14a	Private health insurance (such as: Blue	10 20 122 122 126
3.14d	Cross, Affordable Care Act - ACA)	19-20, 122-123, 126
3.14b	Managed care (such as: HMOs, PPOs,	19, 124-125, 142 (#16)
3.140	medical home)	19, 124-123, 142 (#10)
	Government programs (Medicare,	
3.14c	Medicaid, Tricare, and Workers'	123, 142 (#16)
	Compensation)	
	on Standard 4: Employability Skills	
	ployability skills to enhance employment opp	•
4.1		the Health Professional
	Identify personal traits and attitudes	41–42, 49, 177–179, 333–334, 369-371, 477,
4.11	desirable in a member of the career-	572–573, 629–630
	ready healthcare team.	· ·
4.11a	Acceptance of criticism	178, 216 (#18), 222
4.11b	Competence	42, 74, 88, 229, 385-392, 413 (#33), 572
4.11c	Dependability	179, 216 (#18), 572
4.11d	Discretion	334, 629
4.11e	Empathy	178, 216 (#18), 224, 228, 572
4.11f	Enthusiasm	368-369, 477
4.11g	Honesty	178, 333, 572, 629
4.11h	Initiative	362, 369, 477, 572
4.11i	Patience	178, 387, 618
4.11j	Responsibility	48, 234, 265, 268, 384, 477
4.11k	Self-motivation	477, 630
4.11	Tact	178, 327 (#23), 342
4.11m	Team player	49, 60, 216 (#22), 640
4.11n	Willingness to learn	267, 640, 656-657
4.12	Summarize professional standards as	41–42, 130–132, 134–135, 136-138, 143
	they apply to hygiene, dress, language,	(#29), 368–371, 376 (#26), 509, 572–574,
4.2	confidentiality and behavior.	655-658
4.2	Employ	yability Skills
4.21	Apply employability skills in healthcare.	60–63, 204–213, 368–373, 504–519, 572,
1 210	Chain of command	655–661
4.21a	Chain of command	264
4.21b	Correct grammar	74, 82, 93, 532
4.21c	Decision making	187, 273, 512, 517-518
4.21d	Flexible	572



4.21e	Initiative	362, 369, 477, 572
4.21c	Integrity	333, 371, 572
4.21i	Loyalty	371
	Positive attitude	
4.21h		22, 41-42, 49, 58, 83, 224, 344, 369, 371
4.21i	Professional characteristics	41-42, 93, 94, 210-211
4.21j	Prompt and prepared	52, 179, 368, 572
4.21k	Responsibility	48, 234, 265, 268, 384, 477
4.211	Scope of practice	48, 216 (#21), 266, 268, 370, 436 (#19), 586 (#15)
4.21m	Teamwork	49, 60, 216 (#22), 640
4.21n	Willing to learn	267, 640, 656-657
4.3	Career De	ecision-making
	Research levels of education,	20–31, 42–47, 67 (#25), 134–135, 180–189,
	credentialing requirements, and	215 (#17), 217 (#29), 266–268, 334–343, 375
4.31	employment trends in health	(#16), 377 (#32), 419–421, 478–487, 523
	professions.	(#28), 631–637, 665 (#34)
	Distinguish differences among careers	
	within health science pathways	
	(diagnostic services, therapeutic	42–47, 180–189, 212, 334–343, 376 (#17),
4.32	services, health informatics, support	478–487, 630–638
	services, or biotechnology research and	
	development).	
4.4		lity Preparation
4.41	Develop components of a personal	61–63, 67 (#26, 27, 28), 207, 217 (#30, 31,
	portfolio.	32), 377, 518–519, 523 (#29), 659–661, 665
	'	(#35 and 36)
4.41a	Letter of introduction	67 (#26), 206, 208, 209, 217 (#31)
4.41b	Résumé	62, 67 (#26)
4.41c	Sample projects	62
4.41d	Writing sample	62
4.41e	Work-based Learning Documentation	62, 659
4.41f	Oral Report	62, 287 (#29), 437 (#33), 519, 664 (#26), 718 (#17)
4.41g	Service Learning/Community Service	518, 523 (#29), 659
4.41h	Credentials	266-267, 659
4.41i	Technology Skills	207
4.41j	Leadership examples	207
	Identify strategies for pursuing	1 -0.
4.42	employment (social media, personal	46, 204–211, 373, 377 (#34), 480, 656–658
2	networking, job sites, internships).	(13, 23 ) 211, 373, 377 (1134), 400, 030 030
Foundation Standard 5: Legal Responsibilities		
Describe legal responsibilities, limitations, and implications on healthcare worker actions.		
5.1		lities and Implications
	Analyze legal responsibilities and	54, 80–81, 86, 127–130, 133–134, 136–138,
5.11	implications of criminal and civil law.	143 (#27 and 30), 233–234, 266–273, 286
	implications of critinial and civil law.	173 (m27 and 30), 233-234, 200-273, 200



		(#21, 22, 23), 287 (#28), 345, 361, 370–371,
		376 (#23), 419–424, 565–571, 652, 698–700,
		710
5.11a	Malpractice	268-269, 282, 286 (#20), 287 (#35), 417
5.11b	Negligence	269, 286 (#20), 287 (#35)
5.11c	Assault	270, 278
5.11d	Battery	270
5.11e	Invasion of privacy	130
5.11f	Abuse	129, 143 (#24), 269-270, 274, 275, 278
5.11g	Liable	81, 268, 275, 344, 652
5.11h	Slander	130
5.2	Lega	l Practices
5.21	Apply standards for the safety, privacy and confidentiality of health information (HIPAA, privileged communication).	41, 133, 230, 272, 286 (#23), 345, 393–396, 535–536, 677
5.22	Describe advance directives.	133-134, 143 (#30)
5.23	Summarize the essential characteristics of a patient's basic rights within a healthcare setting.	132–134, 270–273, 286 (#21 and 22)
5.24	Define informed consent.	271-272, 287 (#28)
	Explain laws governing harassment and	
5.25	scope of practice.	128, 268, 278, 570–571
healthcare <b>6.1</b>	environment.  Ethic	al Practice
C 11	Differentiate between ethical and legal	127–135, 266–276, 286 (#19), 419–425, 565–
6.11	issues impacting healthcare.	574, 704–710, 718 (#18)
6.12	Identify ethical issues and their implications related to healthcare (such as: organ donation, <i>in vitro</i> fertilization, euthanasia, scope of practice, ethics committee).	130–134, 273–275, 424–425, 571–574, 704– 710
6.13	Utilize procedures for reporting activities and behaviors that affect the health, safety, and welfare of others (such as: incident report).	265, 275, 279, 280, 282, 287 (#32), 371, 384- 385, 714
6.2	Cultural, Social,	and Ethnic Diversity
	Discuss religious and cultural values as	227–229, 385–391, 412 (#21 and 22), 413
6.21	they impact healthcare (such as: ethnicity, race, religion, gender).	(#33)



Identify ex	xisting and potential hazards to clients, co-wo	orkers, and self. Employ safe work practices and	
follow hea	alth and safety policies and procedures to pre	• •	
7.1	Infection Control		
7.11	Explain principles of infection control.	193–199, 425-428	
7.11a	Chain of infection	425-428, 436 (#22)	
	Mode of transmission (direct, indirect,		
7.11b	vectors, common vehicle [air, food,	426-428, 429-430, 431-433	
7.110	water], healthcare-associated infections	420 420, 423 430, 431 433	
	[nosocomial], opportunistic)		
7.11c	Microorganisms (non-pathogenic,	421, 426	
7.110	pathogenic, aerobic, anaerobic)	721, 720	
7.11d	Classifications (bacteria, protozoa, fungi,	426, 436 (#20 and 21), 453-454	
7.110	viruses, parasites)	420, 430 (1120 unu 21), 433 434	
7.12	Differentiate methods of controlling the	429-433, 490–497, 642–644, 648–649	
7.12	spread and growth of microorganisms.	123 133, 130 137, 012 011, 010 013	
7.12a	Aseptic control (antisepsis, disinfection,	429-433, 490-494, 647-649	
	sterilization, sterile technique)		
7.12b	Standard precautions	193-199, 217 (#26), 429, 437 (#28)	
7.12c	Isolation precautions	432-433	
7.12d	Blood borne pathogen precautions	421-422, 430-431	
7.12e	Vaccinations	457, 509	
7.2	Personal Safety		
	Apply personal safety procedures based		
7.21	on Occupational Safety and Health	193–199, 277-281, 642–644	
,	Administration (OSHA) and Centers for	155 255, 277 252, 612 611	
	Disease Control (CDC) regulations.		
7.22	Demonstrate principles of body	279-280, 287 (#29 and 31), 502–504	
	mechanics.		
7.3	Environ	mental Safety	
7.31	Apply safety techniques in the work	433, 494–498, 502–504, 574-583, 587 (#32),	
7.51	environment.	642–644, 711-714	
7.31a	Ergonomics	138-139, 143 (#26)	
7.31b	Safe operation of equipment	74-75, 280-281, 433, 502-504, 579-581	
7.31c	Patient/client safety measures (check area for safety)	282-283, 437 (#36)	
7.4	Common Safety Hazards		
	Observe all safety standards related to		
	the Occupational Exposure to Hazardous		
7.41	Chemicals Standard (Safety Data Sheets	421-422	
	(SDSs), (www.osha.gov).		
7.40	Comply with safety signs, symbols, and	C42 CCF (#20)	
7.42	labels.	642, 665 (#29)	
7.5		cedures and Protocols	
7.51	Practice fire safety in a healthcare	575–578	
	setting.	0.0 0.0	



7.52	Apply principles of basic emergency response in natural disasters and other emergencies (safe location, contact emergency personnel, follow facility protocols).	360–367, 582-583
	n Standard 8: Teamwork	
•	les and responsibilities of individual member	•
8.1		care Teams
8.11	Evaluate roles and responsibilities of team members.	47–48, 190–192, 343–346
8.11a	Examples of healthcare teams	190-192, 264, 286 (#16)
8.11b	Responsibilities of team members	48
8.11c	Benefits of teamwork	49, 216 (#22)
8.12	Identify characteristics of effective teams.	49, 190–192, 343–346
8.12a	Active participation	49
8.12b	Commitment	49
8.12c	Common goals	49, 191, 488
8.12d	Cultural sensitivity	389
8.12e	Flexibility	49
8.12f	Open to feedback	49, 488, 489
8.12g	Positive attitude	49
8.12h	Reliability	49
8.12i	Trust	49
8.12j	Value individual contributions	49, 488
8.2	Team Mem	ber Participation
8.21	Recognize methods for building positive team relationships (such as: mentorships and teambuilding).	221–223, 346
8.22	Analyze attributes and attitudes of an effective leader.	638–641
8.22a	Characteristics (interpersonal skills, focused on results, positive)	639-640
8.22b	Types (autocratic, democratic, laissez faire)	640, 665 (#30 and 37)
8.22c	Roles (sets vision, leads change, manages accountability)	638-641
8.23	Apply effective techniques for managing team conflict (negotiation, assertive communication, gather the facts, clear expectations, mediation).	487–489
Foundatio	n Standard 9: Health Maintenance Practices	



0.4	1.1	isease prevention and model healthy behaviors	
9.1	Healthy Behaviors		
9.11	Promote behaviors of health and wellness (such as: nutrition, weight control, exercise, sleep habits).	197, 484, 486, 499, 504–519, 595, 623 (#18 and 26)	
9.12	Describe strategies for prevention of disease.	14, 126, 193–196, 337, 358-359, 382–383, 418–419, 429-431, 436 (#22), 454-455, 494–495, 501, 504–509, 713	
9.12a	Routine physical exams	381-383, 509	
9.12b	Medical, dental, and mental health screenings	358-359, 509-733	
9.12c	Community health education outreach programs	119, 191, 518	
9.12d	Immunizations	126, 457, 471 (#29)	
9.12e	Stress management	512-513, 522 (#21)	
9.12f	Avoid risky behaviors	279-280, 430-431, 574-581	
9.13	Investigate complementary and alternative health practices as they relate to wellness and disease prevention (such as: Eastern medicine, holistic medicine, homeopathy, manipulative and natural therapies).	8–9, 15–16, 35 (#30), 181–182, 275–276, 286 (#25), 287 (#34)	
	nnical skills required for all career specialties a te. *Additional technical skills may be include s		
10.1		nical Skills	
10.11	Apply procedures for measuring and recording vital signs including the normal ranges (temperature, pulse, respirations, blood pressure, pain).	347–354, 377 (#27), 384, 400–402, 413 (#27), 451-452	
10.12	Obtain training or certification in cardiopulmonary resuscitation (CPR), automated external defibrillator (AED), foreign body airway obstruction (FBAO) and first aid.	360-362, 364-365	
	on Standard 11: Information Technology App		
	understand information technology applicat	•	
11.1		alth Information Systems	
11.11	Identify types of data collected in Electronic Health Records/Electronic Medical Records (EHR or EMR) (such as: history and physical, medications,	42-43, 54, 66 (#22), 77–83, 91, 230-233	
11.12	diagnostic tests, patient demographics).  Explore different types of health record	234-235, 237, 398	



	data collection tools (such as: patient	
	monitoring equipment, telemedicine,	
	phone application, and medical wearable	
	devices).	
	Identify the types and content of an	
11.13	EHR/EMR (such as: pharmacy,	77–82, 230–233
	laboratory, radiology).	
	Create documentation in EHR/EMRs that	
11.14	reflect timeliness, completeness, and	79–83, 88–92, 651–652
	accuracy.	
	Adhere to information systems policies,	
11.15	procedures, and regulations as required	229–234, 393–396, 535–536
	by national, state, and local entities.	
11.2	Privacy and Confident	iality of Health Information
	Apply fundamentals of privacy and	41, 132-133, 272-273, 286 (#23), 393–396,
11.21	confidentiality policies and procedures	677
	(HIPAA).	077
	Identify legal and regulatory	
	requirements related to the use of	
11.22	personal health information (such as:	133, 135-138, 142 (#23), 230, 393–396
	Health Information Technology Act	
	[HITECH Act], American Recovery and	
	Reinvestment Act [ARRA]).	
	Identify common policies and	
	procedures for proper access, disclosure	44 54 04 433 437 430 443 (#33) 373 345
11.23	and protection of personal health	41, 54, 94, 133, 137-138, 143 (#32), 272, 345,
	information (such as: passwords, administrative safeguards, database	393–396, 677
	security).	
	Describe consequences of inappropriate	
11.24	use of health data in terms of	136, 395–396, 412 (#23), 677
11.27	disciplinary action.	130, 333 330, 412 (#23], 077
	Understand the principle to correct	
	inaccurate information/errors entered	
11.25	into an EHR/EMR (such as: adding,	233–234
	clarifying, and correcting information).	
11.3	,	mputer Skills
	Apply basic computer concepts and	
11.31	terminology necessary to use computers	88–92, 234–235, 237–238
	and other mobile devices.	
	Demonstrate basic computer	
11 22	troubleshooting procedures (such as:	41, 50–52, 62, 92–95
11.32	restart, check power supply, refresh	41, 30-32, 62, 32-33
	browser, check settings).	
11.33	Demonstrate use of file organization and	55–56, 65 (#17), 237–238
11.00	information storage.	33 30, 03 (π17), 237 230



11.34	Identify uses of basic word processing, spreadsheet, and database applications.	50–52, 62, 205–208, 679–681
11.35	Evaluate validity of web-based resources.	622 (#16), 677–679, 681–689, 693 (#30 and 31), 710
11.36	Demonstrate appropriate usage of email and social media in a work environment (such as: work-related communications, personal texting on own time, appropriate language and content, use full language sentences).	92–94, 113 (#29), 235–238