

Introduction to Health and Medical Sciences (8302) Pacing Guide August 2015

1 st Nine Weeks	2 nd Nine Weeks
<p><u>Introduction to course & HOSA .30-.33</u> Introduction to HOSA, Purpose of HOSA, officer roles, responsibilities, qualifications parliamentary procedure</p> <p><u>Understanding the U.S. Health Care System .22-.26, .34-.39</u> Major Developments in Health Care History Types of insurance Health Care Delivery Systems VA Dept of Health Professions and VA Dept of Health Factors influencing health care – Including the internet</p> <p><u>Basic Health Care Terminology .040-.43, .16, .18-.21</u> Common medical prefixes, roots, and suffixes Word parts – medical terms Medical Abbreviations Terminology as it relates to body systems Medical Math, Computer use in Health Care</p> <p><u>Anatomy and Physiology .44-.62</u> Basic anatomical structure and body cavities. Planes of the body Chemical components of the body Structures and functions of the Cell Structures and functions of the body systems: Integumentary Skeletal Muscular Blood/Circulatory/Cardiovascular Lymphatic Respiratory Digestive Nervous/Sensory Endocrine Urinary Reproductive</p>	<p><u>CPR and FIRST AID-.116-.120</u> <u>CTE Requirements</u> <u>Workplace Readiness..1-.21</u> Addressed in Each Unit</p> <p><u>Understanding the Role of Nutrition in Health Care .71-.77</u> Nutrients for health and wellness Digestion and Metabolism Dietary Guidelines Medical conditions related to poor nutrition Ethnic, regions and cultural dietary patterns</p> <p><u>Safety and Infection Control in the Health Care workplace -.29, .97-.112</u> Health Care safety regulations Proper Body Mechanics Fire Safety Epidemiology Health Maintenance and disease control Immunizations Infection Control & Medical Asepsis Hand washing</p> <p><u>Health Careers -.131-.135</u> Terminology Duties of workers in specific health care careers Specialties associated with Health Occupations Education Requirements for various health careers Personal Qualifications Licensing requirements</p> <p><u>Professionalism in the Health Care Industry .24, .90, .92, .93-95, .125-.130, .136</u> Virginia Law for regulation of health professions and occupations Ethical issues Professional Organizations HIPPA Public Health Issues Patient/Resident Rights Advanced Directives/Death and Dying</p>

Introduction to Health and Medical Sciences Pacing Guide



Week	Topic	Simmers Chapters:	Competencies HMS 8331
1	HOSA, Hx. and Trends in Health Care	1	.30-.33, .96
2	Health Care Systems	2	.34 - .39
3	Medical Terminology and Math/Computers in Health Care	6, 17, 18	.16, .18-.21, .40-.43
4	Basic Body Structure/planes, Directions and Cavities	7.1,7.2	.44-.47
5	Integumentary/ Skeletal/ Muscular	7.3, 7.4, 7.5	.48-.50
6	Blood/Circulation/Cardiovascular/Lymphatic	7.8, 7.9	.51-.55
7	Respiratory/ Digestive	7.10, 7.11	.56-.57
8	Sensory/Nervous/Endocrine	7.6, 7.7, 7.13	.58, .60, .62
9	Reproductive/Urinary	7.12, 7.14	.59, .61
10	CPR/First Aid	ARC, 15	.116-.120
11	CPR/First Aid	ARC, 15	.116-.120
12	Nutrition	9	.71-.77
13	Infection control/safety	12, 13	.97-.111
14	Careers	3	.131-.133, .135
15	Preparing for the world of work	16	.1-.29
16	Personal and Professional Qualities of the health care worker	4	.92, .125-.130, .134
17	Legal and Ethical Issues in Health Care	5	.24, .90, .93, -.95, .126-.130
18	Final Assessments		