

Huron High School Health Science Syllabus

First Semester- First 9 weeks

Week	Assignments/Activities	Skills	Speaker
Week 1 * Intro to course *Course Expectations *Syllabus	*Personal health care experience *Student survey *Medical Terminology	*Health Sci. Pre-test *Terminology Pre-test *GCN tutorials	
Week 2 *History and Organization of Health Care *Major Diseases of Today *Medical Ethics/Legal Issues	*Read Chapters 1 *Patient Rights/Ethics *History of Medicine *Leading Killers	*Hand washing/gloves *Universal Precautions	*WCC Health Career Counselor
Week 3 *System: Cardiovascular *Heart Disease	*Read Chap 14,15 BP pg. 418 *Blood flow thru the heart *Risk factor identification	*Pulse/Blood pressure *Heart Sounds *EKG basic's *Arterial pulses/Doppler	*"Looks like a cardiologist" seminar
Week 4 *System: Respiratory *Lung Disease	*Read Chap 17	*Respirations *Auscultation/Breath sounds *Pulse Oximeter	*Respiratory Therapist * Flu shot clinic
Week 5 *CPR/First Aid	*CPR Book/Video/ Materials *First Aid Video	*Rescue Breathing *Obstructed Airway *CPR/AED Infant/Child/Adult	*EMT *UM School of Kinesology
Week 6 *System: Skin *Decubitus ulcers *Burns/ Cancer	*Read Chap 7	*Oral, Axillary, Ear, Rectal temperatures *Braden Scale	*UM med school – skin cancers * wound care RN
Week 7 *System: Skeletal *Fractures	*Read Chap 8 *Video: Joint replacement	*Transferring/Lifting *Positioning *Cast care	
Week 8 *System: Muscles *Contractures *Arthritis	*Read Chap 9 *ADL/ROM Assessment	*Range of Motion *Turning/Wheelchairs *Crutches/Braces *Injection sites	*Physical Therapist
Week 9 *Blood Components *HIV/AIDS *Hepatitis	*Read Chap 13 *Lab Values/ Abbreviations	*Blood typing *Blood draws *IV care *Types of IV's	*UM Medical Students

2 nd 9 Weeks			
Week	Assignments/Activities	Skills	Speaker
Week 1 *Great American Smoke-Out	* Posters for Smoke-out *Healthy/Diseased lungs	*Prep for Smoke Out *Secrets thru the Smoke/video	
Week 2 * System: Lymphatic and Immune	* Read Chap 16 * Autoimmune Disorders	*Prep for Smoke Out *Secrets thru the Smoke/video	
Week 3 * System: Gastrointestinal	* Read Chap 18	*Intake & Output (I&O) *Height/Weight	Jen Colby
Week 4 Thanksgiving Week	* Disease Worksheet * Design Disease posters	*group work on poster boards	
Week 5 *System: Renal *Organ Transplant	* Read Chap 20	*Urinalysis *I&O charting *Urinary catheter *Specific gravity	*Gift of Life/ Transplant recipient
Week 6 *System: Endocrine *Diabetes	* Read Chap 12	*Blood sugar testing *SQ Injections	* Diabetic patient
Week 7 *System: Reproductive *Pregnancy/Childbirth	* Read Chap 23, 24	*Birth Control *Due date chart	*Reproductive Health Educator/ Midwife
Week 8 *System: Nervous *CVA *Dementia/Alzheimers	* Read Chap 10 *Cranial Nerves	*Neuro check *Risk Identification/S&S of Stroke	*Alzheimer's Social Worker
Week 9 *Prep for Exam's *Skill practice	* Final Exam study guides	*Skill check off rubrics	
Week 10 *Exam week	*Final Exam: Written and Skills	*Skill check off	