

TIDEWATER COMMUNITY COLLEGE
EMS 151 Intro to ALS

1300-2200 Sundays

DATE	COMMENTS	TOPIC	REFERENCES
U 11 Jan 2009		Preparatory: Foundations Human Systems	Chapter 1 - 5 Chapter 6, 7
U 18 Jan		Preparatory: Human Systems	Chapter 6, 7
U 25 Jan		Preparatory: Pharmacology Vascular Access	Chapter 17-18
U 1 Feb	Workshop	Preparatory: Enhanced Drugs Med Math	Chapter 17-18
		Medication Administration Vascular Access	
U 8 Feb	Workshop	Airway: Airway Management	Chapter 19
		Airway Mgt: Basic, Advanced: adult; infant; combi; NG Vascular Access & Med Administration	
U 15 Feb	Workshop	Patient Assessment: Therapeutic Communication Hx Taking Physical Exam	Chapter 9 - 11
		Vascular Access & Medication Administration Airway Mgt Patient Assessment History & Physical Exam Technique	
U 22 Feb	Workshop	Patient Assessment: Pt Assessment - Medical/Trauma Clinical Decision Making Assessment Based Management Communications / Documentation	Chapter 12 - 16
		Medication Administration & Vascular Access Patient Assessment Medical/Trauma	
U 1 Mar	Workshop	Medical: Pulmonary	Chapter 30
		Patient Assessment Medical/Trauma Airway Management IV/Med Administration	
U 8 Mar	Med Math Exam	Medical: Pulmonary cont' Allergies and Anaphylaxis	Chapter 30, 33
		Airway Management IV/Med Administration Patient Assessment Medical /Trauma	
U 15 Mar	Workshop Testing	Airway Management IV/Med Administration Patient Assessment Medical /Trauma Final Exam EMS 151	

**Basic ECG Recognition & ALS Medical
EMS 153 & 155**

Sunday 1300-2200

Date	Comments	Topic	Reference
U 22 Mar		Review Physiology of the Heart Electrophysiology	Chapter 29 Section 1 and 2
		The Electrocardiogram EKG Interpretation	Chapter 29 Section 4 and 5
U 29 Mar		Arrhythmia Identification Sinus , Atrial, Junctional Rhythm Blocks & Ventricular Pacemaker Rhythms	Chapter 29 Section 6
U 5 Apr	Workshop	Electrical Therapy Cardiac Assessment Vagal Maneuvers Introduction to 12 Lead	Chapter 29 Section 3, 8
		Electrical Therapy 12 Lead placement & Vagal Maneuvers EKG Practice	
12 April - Easter (No class - Complete BB assignment)			
U 19 Apr		Pulseless Rhythms with related pharmacology	Chapter 29 Section 6
		Bradycardia & Tachycardia with related pharmacology	Chapter 29 Section 6 & 8
U 26 Apr	Workshop	Coronary Syndromes	Chapter 29 Section 7
		Static & Dynamic Cardiology EKG Practice	
U 3 May	Workshop	CHF/PE/Shock Hypertension & Other Cardiovascular Emergencies	Chapter 29 Section 7
		Static & Dynamic Cardiology Patient Assessment: Medical	
U 10 May	Workshop	Neurological	Chapter 31
		Static & Dynamic Cardiology Patient Assessment Medical/Trauma IV/Med; including EJ and IV drips Airway Mgt including nasotracheal intubation	
U 17 May		Diabetes Poison/OD Behavioral	Chapter 32 pages 867-876 Chapter 36, 40
24 May Memorial Day Weekend (No class - Complete BB assignment)			
U 31 May	Workshop	Behavioral Cont' Environmental	Chapter 40 Chapter 38
		Static & Dynamic Cardiology Patient Assessment Medical/Trauma IV/Med; Airway Management including IV drip	
U 7 June	Workshop	Abdominal / Renal Gyn	Chapter 34, 35 Chapter 41
		Static & Dynamic Cardiology Patient Assessment Medical/Trauma IV/Med; Airway Management testing including IV drip	
U 14 June	Workshop Testing	Static & Dynamic Cardiology Patient Assessment Medical	
	Written Final	Final Exam EMS 153 and 155; ACLS Post-test	

TIDEWATER COMMUNITY COLLEGE
EMS 159 ALS Special Populations

Sunday 1300-2200

DATE	COMMENTS	TOPIC	REFERENCES
U 28 Jun		Obstetrics & Neonatology Gyn is testable material but covered in ALS Medical	Chapter 42, 43 & review 41
4 th of July Weekend (No class - Complete BB assignment)			
U 12 Jul	Exam 1	Pediatrics	Chapter 44 PALS Provider all chapters
	Workshop	Newborn Resuscitation Assessment & Mgt Gyn/OB Pediatric Assessment & BLS Vascular : IO/Umbilical/ Saphenous / Scalp	
U 19 Jul	Workshop	Pediatrics	Chapter 44 PALS Provider all chapters
		Newborn Resuscitation testing Shock; Fluid Mgt; IO; Ped Trauma Mgt Respiratory & Airway Mgt Cardiopulmonary	
U 26 Jul	Workshop	Special Needs / Home Health Abuse & Assault	Chapter 46, 47, 48
		PALS testing: Written & Testing Trach Mgt; Vascular Access Devices Vascular : IO Testing	
U 2 Aug	Exam 3	Geriatrics	Chapter 45
	Workshop	Medical Assessment Adult Cardiology Static and Dynamic Skills: IV/Med; IO; Airway	
U 9 Aug	Testing	Practical & Written Final	

TIDEWATER COMMUNITY COLLEGE
EMS 157 ALS Trauma

Sunday 1300-2200

DATE	COMMENTS	TOPIC	REFERENCES
U 16 Aug		Trauma System / MOI Trauma Patient Assessment Hemorrhage / Shock	Chapter 20, 21 Review Chapter 12
U 23 Aug	Exam 1	Soft Tissue/Burns Trauma Airway Mgt	Chapter 22, 23, & 19
U 30 Aug	Workshop	Head/Face/Neck/Eye (medical & trauma) Trauma Patient Assessment Bleeding / Shock / MAST/Bandaging Cric needle/surgical : Chest Decompression Difficult Airway Scenarios	Chapter 24
U14 Sept	Exam 2 Workshop	Spinal Trauma Trauma Patient Assessment Cric needle/surgical : Chest Decompression Spinal Immobilization Cardiology Static & Dynamic	Chapter 25
U 21 Sept	Workshop	Thoracic / Abdominal	Chapter 26 & 27
		Patient Assessment Basic Skills Practice Cric / Chest Decompression Cardiology Static & Dynamic	
U 28 Sept	Exam 3 Workshop	Musculoskeletal Extremity immobilization Trauma Assessment Chst Dcp & Cric Testing Cardiology Static & Dynamic	Chapter 28
U 4 Oct	Workshop	Trauma Integration (Case Studies to include spec populations)	Review Pediatric, OB, Geriatric, Environmental Toxicology, Infectious Disease, and Cardiac Arrest as related to trauma
		Trauma Patient Assessment teaching Airway & IV/Med/IO Basic Skills Testing	
U 11 Oct		Trauma Final EMS 157 Including ITLS (Exam 4) Trauma Patient Assessment Testing Cardiology	