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Clinical Coordinator: OFFICE:	Rhonda Neiman REEGT S108F	E-MAIL: PHONE:	rneiman@alvincollege.edu 281-756-5643 cell:281-415-5307
OFFICE HOURS:	Tuesdays 3-4pm and Thursdays 9:30am-1:30pm or by appointment.		
WEBSITE:	www.alvincollege.edu		

WELCOME TO:

Course Title: Neurodiagnostic Technology Clinical II

Course Number: ENDT 2463

Credit Hours: 4

Lecture Hours: n/a

Lab Hours: n/a

Total Contact Hours: 192

Term and Year: Spring 2018

Class Days & Times: Two days/week at Clinical Assignments 8am-4pm. There is a weekly open lab which includes assignments online through Blackboard and on-campus clinical simulations. Class days are dependent on individual clinical assignment requirements.

Classroom Location: Students will report to assigned clinical sites unless otherwise instructed by the Instructor and/or Clinical Coordinator.

A. COMMUNICATING WITH YOUR INSTRUCTOR

The preferred method for communication with Kelly Truitt and Rhonda is through ACC email or the “Remind*” application. Rhonda Neiman is clinical coordinator. **All absences or tardies are to be communicated to her.**

Typical response time is within 24 hours Monday-Thursday and by the next business day on Friday-Sunday.

*Information about the “Remind” application will be provided during Clinical Orientation

B. COURSE DESCRIPTION

A health related work based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by clinical professional.

The course provides students with training at various Neurodiagnostic clinical sites in the greater Houston area. Clinical practice include observation, application of electrodes, performance of electroencephalopathy testing, and clinical history taking. The outcome for this clinical experience will prepare students to perform as an entry-level Neurodiagnostic Technologist.

C. STUDENT LEARNING OUTCOMES

As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and business industry.

By the end of this course, the student will:

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Measure 10-20 system and apply electrodes correctly within 50 minutes 2. Establish and maintain a professional, caring rapport with the patient 3. Explain procedures to the patient 4. Obtain a standard EEG that follows ACNS Guidelines with direct supervision 5. Correctly set up montages 6. Demonstrate correct use of activation procedures | <ol style="list-style-type: none"> 7. Distinguish real brain waves from artifacts 8. Identify normal awake and sleep patterns 9. Recognize and identify specific patterns 10. Recognize and identify normal variants 11. Localize focal activity 12. Select proper instrument settings; noting of montage, filters, paper speed and sensitivity setting changes 13. Documenting observed behavior, clinical seizure manifestations, etc. 14. Identify normal and abnormal responses to activation procedures |
|---|--|

15. Use proper terminology to describe EEG patterns
16. Provides a safe recording environment by
 - a. Verifying the identity of each patient
 - b. Cleaning and disinfecting electrodes after each procedure
 - c. Following Standard Precautions and Transmission-Based Precautions for Infection Control
 - d. Attending to the patient needs without compromising quality and safety of testing.
- e. Evaluating each testing situation, taking appropriate precautions to ensure electrical safety and ensuring that the laboratory adheres to appropriate regulatory and legal standards
17. Apply basic troubleshooting technique to the EEG instrument
18. Prepare the recording for reading
19. Maintain the recording room in a clean and tidy manner

A. PRE-REQUISITE COURSES: ENDT 1463; CO-REQUISITE COURSE: ENDT 2425

B. REQUIRED TEXTBOOK AND SUPPLEMENTAL READINGS

NDT Clinical Manual

For more information about the textbooks, including details about how to order your book online and have it delivered to you, visit the ACC College Store at www.alvincstore.com.

C. COURSE OUTLINE

TENTATIVE ENDT 2463 Clinical II Summer SCHEDULE	
*Clinical Paperwork due the following week by TUESDAY end of day.	
*Blackboard Discussion due every WEDNESDAY end of day	
Week 1 6.4 & 6.6	Monday, June 4- Orientation at ACC Wednesday, June 6- First day at Clinical Sites
Week 2 6.11&6.13	Wk 1 Paperwork (For Week 1, only the Daily Log is due) Blackboard Discussion 1
Week 3 6.18 & 6.20	Wk 2 Paperwork AND New Clinical Rotation Form Blackboard Discussion 2
Week 4 6.25 & 6.27	Wk 3 Paperwork Blackboard Discussion 3
Week 5 7.2 and 7.4	HOLIDAY Wednesday, July 4- No Clinicals Wk 4 Paperwork Blackboard Discussion 4
Week 6 7.9 & 7.11	Wk 5 Paperwork Blackboard Discussion 5
Week 7 7.16 & 7.18	Wk 6 Paperwork Blackboard Discussion 6
Week 8 7.23 & 7.25	Wk 7 Paperwork Blackboard Discussion 7 Case Study Due: Wednesday, July 25.
Week 9 7.30 & 8.1	Wk 8 Paperwork Blackboard Discussion 8
Week 10 8.6 & 8.8	Wk 9 Paperwork AND New Clinical Rotation Form Blackboard Discussion 9 (Final Discussion)
Week 11 8.13	No Clinicals Monday August 13 Final Exam at ACC Wk 10 Paperwork and turn in Clinical Site Evaluation

Summer Clinical Rotation:
 June 4 – August 8

 ACC Open Lab:

 We Will be at ACC instead of Clinical Sites for Case Study Presentations and Course Capstone- Schedule TBD (Attendance Policy Applies)

 Performance

 Week 11 No Clinicals:
 Comprehensive Final Exam and Capstone Retesting

D. DESCRIPTION OF ASSIGNMENTS

ASSIGNMENT	DESCRIPTION (Rubric on Blackboard)	DUE DATES
ORIENTATION QUIZ (1%)	This will be completed on orientation day and aide the student in understanding of her Clinical expectations	Orientation Day- Monday, June 4
WEEKLY CLINICAL DOCUMENTATION (14%) 1. Daily Clinical Log 2. History Sheet 3. Preliminary Report	-Students must complete clinical documentation forms every week. -Each week will reflect 2 days of clinical -If absent from class, the student is still responsible for turning in paperwork by the due date. ***Lowest grade will be dropped from this category***	See Schedule for Due Dates
New Clinical Rotation (2.5%)	To be completed by the student at the beginning of each new rotation	Tuesday, June 19
Clinical Site Evaluation (2.5%)	To be completed by the student at the end of each new rotation	Monday, August 13
PERFORMANCE COMPETENCY (20%)	Head measurement, electrode application and components of a Routine EEG is evaluated. <i>Students will have the opportunity to repeat any competency component with a grade of "unsatisfactory". The highest score obtainable for repeat evaluations will be "Satisfactory." Students may attempt to be checked off a maximum of two (2) times as designated by the instructor.</i>	All components of the Competency will be completed by
CASE STUDY (10%)	Students will present a case study of a patient from her clinical site rotation.	Due: Wed. July 25 Presentation Schedule TBD
CLINICAL EVALUATIONS (10%)	<i>Students are evaluated at the end of every clinical rotation using the criteria specified on page 14 of the Clinical Manual. Methods of evaluation will include, but not limited to, clinical check-offs, Preceptor Evaluations, and assignments. Evaluation Form is found on page 22 of the Clinical Manual and a more detailed description of the Evaluation process is found on page 11. *Clinical Coordinator will have Evaluations available by the following week after the end of each rotation.</i>	
COURSE CAPSTONE EVALUATION (25%)	Head measurement, electrode application and performance of a Routine EEG is evaluated at the end of this course. A minimum grade of "75" is required in order to satisfactorily pass ENDT-2463 and progress in the program . A maximum of (2) attempts will be permitted. Any grade below a 75 will be recorded as a zero (0).	Will be scheduled the end of Summer Semester at ACC
FINAL EXAM (15%)	Multiple Choice Topics: Normal EEG activity on patients of all ages and levels of consciousness (including normal variants), artifact recognition and correction, and ACNS Guideline 1 Minimal Technical Requirements for Performing Clinical EEG.	Monday, August 13

E. POLICIES ABOUT COURSEWORK AND DEADLINES

No late work will be accepted within NDT Clinical courses.

Attendance is **mandatory**. Refer to the clinical manual policy regarding clinical absences.

F. GRADING SUMMARY

	% of final grade
<i>Orientation Quiz</i>	<i>1%</i>
<i>Weekly Clinical Documentation</i>	<i>14%</i>
<i>New Clinical Rotation Form</i>	<i>2.5%</i>
<i>Clinical Site Evaluation Form</i>	<i>2.5%</i>
<i>Performance Competency</i>	<i>20%</i>
<i>Case Study</i>	<i>10%</i>
<i>Clinical Evaluation</i>	<i>10%</i>
<i>Final Exam</i>	<i>15%</i>
<i>Course Capstone Evaluation</i>	<i>25%</i>
Total	100%

Grading Scale	Grade
90-100	A
80-89	B
75-79	C
70-74	D
Below 70	F

Student Gradebook

Assignment	Grade	Due Date	Assignment	Grade	Due Date
Orientation Open Note Quiz			Wk 7 Paperwork		
Wk 1 Paperwork (Daily Log Only)			Blackboard Discussion 7		
Blackboard Discussion 1			Wk 8 Paperwork		
New Clinical Rotation Form			Blackboard Discussion 8		
Wk 2 Paperwork			Case Study		
Blackboard Discussion 2			Wk 9 Paperwork		
Wk 3 paper work			Blackboard Discussion 9		
Blackboard Discussion 3			Wk 10 Paperwork		
Wk 4 Paperwork			Performance Competency		
Blackboard Discussion 4			Clinical Site Evaluation		
Wk 5 Paperwork			Clinical Evaluation		
Blackboard Discussion 5			Course Capstone Evaluation		
Wk 6 Paperwork			Final Exam		
Blackboard Discussion 6					

G. WITHDRAWING FROM CLASS/COLLEGE

It is recommended that the student talk to the instructor before withdrawing. Current course withdrawal information can be found in the printed version of the ACC Schedule for this semester or online at [ACC Course Withdrawal Instructions](#). Students who file withdrawal requests by the published deadline and have not exceeded the withdrawal maximum will receive a grade of W.

Six Drop Limit

The Texas Legislature passed a ruling that limits the number of classes a student can drop during their years as an undergraduate student to six. This policy applies to any student who was a first time college freshmen fall, 2007, or later, who attends a Texas public institution of higher education. Courses dropped while attending a private or out of state college do not count toward the six drop limit. For further information, refer to the [ACC Catalog](#) or contact Student Services.

H. GRADE APPEAL PROCESS

Students have one year from the date of the grade assignment to challenge a grade. Refer to the grade appeal process as published in the ACC Catalog at <http://www.alvincollege.edu/Programs-Degrees/Course-Catalogs>.

I. CLASS ATTENDANCE POLICY

NDT PROGRAM CLINICAL ABSENCE POLICY: Attendance is mandatory. Refer to the clinical manual policy regarding attendance and clinical absences. Students must attend clinical regularly to be awarded credit for this course. Any absence or tardiness must be called in to the clinical affiliate **and** clinical coordinator before the start of the scheduled shift.

Alvin Community College students are required to attend classes. If an absence is unavoidable, the student is responsible for completing all work missed during the absence. Instructors will not withdraw students for non-attendance, except in developmental courses. Absences in excess of two weeks are to be reported to the Office of Advising Services, along with appropriate recommendations. Departments and faculty may have other attendance policies for their course.

J. CODE OF ACADEMIC INTEGRITY AND HONESTY

Alvin Community College students are members of an institution dedicated to the pursuit of knowledge through a formalized program of instruction and learning. At the heart of this endeavor, lie the core values of academic integrity which include honesty, truth, and freedom from lies and fraud. Because personal integrity is important in all aspects of life, students at Alvin Community College are expected to conduct themselves with honesty and integrity both in and out of the classroom. Incidents of academic dishonesty will not be tolerated and students guilty of such conduct are subject to severe disciplinary measures.

K. CLASSROOM PROTOCOL

It is the right of each student to participate in his or her learning, and it is the responsibility of each student to not interfere with the learning of other students. It is the expectation of the college that each student assumes the responsibility to follow college policies and procedures governing classroom conduct on campus and online. This information is published in the ACC Student Handbook on page 42.

L. EVALUATION OF INSTRUCTION

Alvin Community College is dedicated to student success. As part of its ongoing improvement efforts, students will provide input for each course prior to the end of the semester enrolled. Evaluations will be completed in either online or paper format as directed by the Office of Institutional Effectiveness & Research.

M. ACC ACADEMIC SUCCESS AND SUPPORT SERVICES

The [ACC Tutoring/Learning Lab](#), located upstairs in building A, provides students with a variety of services including tutoring (math, writing, and other disciplines); computers and printers; and tables/carrels. Call 281-756-3566 or visit the **ACC Tutoring/Learning Lab Website** for more information.

The [ACC Library](#) is an excellent source for research and writing help. Quiet rooms are available for studying and doing class work. For more information, visit the **ACC Library Website** or call 281-756-3559.

[ACC Counseling Services](#) assist students with issues that may negatively impact academic success. To contact a counselor, call the office of Advising Services at 281-756-353.

Americans with Disabilities Act

ACC complies with ADA and 504 Federal guidelines by affording equal access to individuals who are seeking an education. Students who have a disability and would like classroom accommodations must register first with the Office of Disability Services, A 136, or call 281-756-3533. Instructors are not able to provide accommodations until the proper process has been followed.

Assessment and Care Team (ACT)

The Assessment and Care Team is committed to improving community safety through a proactive, collaborative, coordinated, objective, and thoughtful approach to the prevention, identification, assessment, intervention and management of situations that pose a threat to the safety and well-being of the campus community. To educate and empower all members of the College community, resources and procedures are in place to prevent, deter, and respond to concerns regarding acts of violence. Alvin Community College offers assistance to departments and individuals in detecting indicators for concern and resources to protect themselves and their environments.

The Alvin Community College ACT accepts reports regarding any individual or incident at any time through an online referral form on the Assessment and Care Team page at <http://www.alvincollege.edu/ACT>, direct email to: ACareTeam@alvincollege.edu, or by contacting the Alvin Community College Police Department at 281-756-3700 or 832-250-3365 (after hours).

[MY Blackboard](#) support can be obtained by completing the **Online Support Form**.

WEBACCESS, Passwords or ACC Computer Lab Information: If you experience problems with WebACCess, please call the Help Desk at 281-756-3544 or email helpdesk@alvincollege.edu.

N. MENTAL HEALTH COUNSELING AND SUICIDE PREVENTION SERVICES

As a student, you may experience a range of challenges that can interfere with learning, such as strained relationships, increased anxiety, substance use, feeling down, difficulty concentrating, and/or lack of motivation. These mental health concerns or stressful events may diminish your academic performance and/or reduce your ability to participate in daily activities. Advising services employs two Licensed Professional Counselors who can assist students with issues that negatively impact academic success. Consultation and referrals are confidential. The Counseling Referral form is located at:

<http://www.alvincollege.edu/CounselingServices.aspx>

Emergencies:

If you or someone you know at ACC feels overwhelmed, hopeless, depressed, and/or is thinking about dying by suicide, supportive services are available by requests at the Enrollment Services Center or by calling 281-756-3531, ask for a Counselor. You may also call the National Suicide Prevention Hotline 1-800-273-8255. This is a 24 hour, toll free, confidential suicide prevention hotline available to anyone in suicidal crises or emotional distress. If, however, you or someone you know is in an immediate crisis, go to the nearest Emergency Room, or call 911.

O. DISCLAIMER

(The instructor reserves the right to modify this syllabus as needed and will notify the students of any changes using email or Blackboard.)