COURSE SYLLABUS

Human Diseases and Pathophysiology

MDCA 1302
Number

2 - 2 - 3
Lecture - Lab - Credit

NONE
Prerequisite

This syllabus has been reviewed and is current on the date indicated.

Prepared By                  Date
Joni Wallace              7/20/2015

Reviewed By

Andy Weaver       07/30/2015
Division Director/Designee  Date
I. Instructor Information

Name: Joni Wallace
Phone: 325-641-5956

Campus Office: BWD/Bldg 2/RM 121
email: joni.wallace@brownwood.tstc.edu

Office Hours: M/TH 9:00 – 4:00
Advisement Hours: By appointment only

Department Chair: Sarah Brooks
Chair email: sarah.brooks@tstc.edu

II. Class Times, Location
Web course on Moodle at http://mycourses.tstc.edu

III. Program Outcomes

- The Health Information Technology student will demonstrate competency in using practices that ensure health information is accurate and complete.
- The Health Information Technology student will display proficiency in the administration and the use of health information systems and software applications.
- The Health Information Technology student will demonstrate expertise in applying healthcare standards, concepts, and regulations in the delivery of healthcare.
- The Health Information Technology student will demonstrate knowledge of practices used in protecting and securing patient health information.
- The Health Information Technology student will display proficiency in the interpretation and use of clinical data and information.

IV. Course Description & Introduction
A study of anatomy and physiology with emphasis on human pathophysiology, including etiology, prognosis, medical treatment, signs and symptoms of common diseases of all body systems.

V. Learning Outcomes
Distinguish between normal and abnormal physiologic functions of all body systems; identify etiology, signs, and symptoms of diseases of all body systems; and correlate the prognosis, medical treatment, and procedures with patient morbidity and mortality.
VI. **Assessment Methods & Grading Policy**

All assignments and final exam are expected to be submitted on time. Any work submitted in after the designated date/time will be late and **will not be accepted** and will result in a “Zero” for that coursework.

This course grade is determined by module assignments and final examination. The weighted grading will be as follows:

<table>
<thead>
<tr>
<th>Assignments</th>
<th>50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discussions</td>
<td>30%</td>
</tr>
<tr>
<td>Assessments</td>
<td>20%</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percent</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100</td>
<td>Excellent/Superior Performance Level</td>
</tr>
<tr>
<td>B</td>
<td>80-89</td>
<td>Above Required Performance Level</td>
</tr>
<tr>
<td>C</td>
<td>70-79</td>
<td>Minimum Required Performance Level</td>
</tr>
<tr>
<td>D</td>
<td>60-69</td>
<td>Below Required Performance Level</td>
</tr>
<tr>
<td>F</td>
<td>Below 60</td>
<td>Failure to meet Performance Requirements</td>
</tr>
<tr>
<td>IP</td>
<td>--</td>
<td>In Progress</td>
</tr>
<tr>
<td>W</td>
<td>--</td>
<td>Withdrawal</td>
</tr>
<tr>
<td>CR</td>
<td>--</td>
<td>Credit</td>
</tr>
<tr>
<td>AUD</td>
<td>--</td>
<td>Audit of Course</td>
</tr>
</tbody>
</table>

**NO EXTRA CREDIT IS GIVEN**

**Late work:** It is extremely important that students keep up with their work in an on-line class. If you get behind, it can be very difficult to catch up. No “late work” will be accepted, NO EXCEPTIONS. **Late work** is work that is missing due to a time management or work habits issue. Students will receive a grade of 0 for any assignments not completed by the due date.
Make-up work: Make-up work is a possibility for students who communicate with their instructor PRIOR TO THE ASSIGNMENT DUE DATE. Students who experience a severe illness or family emergency may qualify to make-up work. A due date for make-up work will be established on a case-by-case basis. Students who do not notify the instructor of their circumstances prior to the due date WILL NOT be permitted to make-up assignments. Students who are unable to complete assignments due to technical difficulties (computer issues, loss of internet) will NOT be permitted to make-up work. Students are encouraged to complete work prior to the due date in order to avoid last-minute issues.

The student must pass this course with a “C” or better.

VIII. Textbook/Reference Materials

IX. Additional Resources & Supplies
- Laptop or Desktop computer with high speed Internet access (Provided by Student)
- 2007 Microsoft Word, Excel, Power point, and Adobe Reader, (Provided by Student)

X. Class Participation Policy & Student Conduct
- Students are expected to log-in to the course site (https://mycourses.tstc.edu/) and monitor their email on a regular basis. If at all possible, these tasks should be completed daily.
- Students must communicate any difficulties, questions, or problems to their instructor in a timely manner.
- Students are expected to interact with the instructor and other students in a professional manner.
- All work turned in must be your own. Any work turned in represented as yours that is not will be considered plagiarism. The punishment for plagiarism will be removal from the course with a grade of F and possible removal from the program and/or college. Cutting and pasting information from a website or other source is NOT acceptable and will be treated as plagiarism.
- Please see the Health Information Technology Student Handbook for additional information and requirements.

Three Before Me
The HIT faculty encourages students to problem-solve, work as a team, and utilize available resources. In order to develop these skills, we will employ the “Three Before Me” process. Put simply, this means that before you approach the instructor with a course-related question, you have tried to find the information in three other places. For example, if you are unsure about the meaning of a term used in the course, you would attempt to locate this information in three places before asking the instructor. You might do a Google search for the term, ask a classmate, and refer to your text book. Instructors will ask you what research methods you have used to locate information on your own. This process is not meant to be a barrier to you, but instead to provide the following benefits:
- preparation for the workforce
- increased research skills
- instructors will have more time to provide feedback and interact with students

If you have a question that ONLY the instructor would know the answer to (grade-related, assessments, etc.), then of course you would go to the instructor directly. This process will require practice and patience from both the student and the instructor. We look forward to supporting you and watching you learn.

XI. Safety
- Campus building occupants are required to evacuate buildings when a fire alarm activates. Alarm activation or announcement requires exiting and assembling outside.
- Familiarize yourself with all exit doors of each classroom and building you may occupy while receiving instructions. The nearest exit door may not be the door you used when entering the building.
- Students requiring evacuation assistance should inform the instructor during the first week of class.
- In the event of evacuation, follow the faculty’s or class instructor’s instructions.
- Do Not re-enter a building unless given instructions by the Fire Department, Campus/Local Police, or Fire Prevention Services.

XII. Special Needs
If you have a documented disability that will impact your work in this class, please contact the ADA Coordinator, so that appropriate arrangements for your accommodations can be made. The counselor on your campus can assist you in this process. In accordance with the federal law, a student requesting accommodations must provide documentation of his/her disability to the ADA Coordinator. For more information call (325) 236-8292 or email amy.freeman@tstc.edu.

XIII. Course Schedule
(Schedule may be altered at the discretion of the instructor)

Week 1: Module 1
Read Chapters 1: The Disease Process
2. Integrative Medicine and Complementary Therapies
Do the review questions for each chapter
Assessment

Week 2: Module 2
Read Chapters 3: Pain and Its Management
4: Infectious and Communicable Diseases.
Do the review questions for each chapter
Participate in discussion
Assessment
Week 3: Module 3
Read Chapters 5: *Cancer*
6: *Congenital Diseases and Disorders.*
Do the review questions for each chapter
Participate in discussion
Assessment

Week 4: Module 4
Read Chapter 7: *Mental Health Diseases and Disorders*
Do the review questions for this chapter
Participate in discussion/Internet research.
Assessment

Week 5: Module 5
Read Chapter 8: *Skin Diseases and Disorders*
Do the review questions for this chapter
Participate in discussion/Internet research.
Assessment

Week 6: Module 6
Read Chapter 9: *Musculoskeletal System Diseases and Disorders*
Do the review questions for this chapter
Participate in discussion/Internet research.
Assessment

Week 7: Module 7
Read Chapter 10: *Nervous System Diseases and Disorders*
Do the review questions for this chapter
Participate in discussion/Internet research.
Assessment

Week 8: Module 8
Read Chapter 11: *Endocrine System Diseases and Disorders*
Do the review questions for this chapter
Participate in discussion/Internet research.
Assessment

Week 9: Module 9
Read Chapter 12: *Cardiovascular System Diseases and Disorders*
Do the review questions for this chapter
Assessment
Week 10: Module 10
Read Chapter 13: *Respiratory System Diseases and Disorders*
Do the review questions for this chapter.
Participate in discussion.
Assessment

Week 11: Module 11
Read Chapter 14: *Digestive System Disease and Disorders*
Do the review questions for this chapter.
True/False Assignment
Assessment

Week 12: Module 12
Read Chapter 15: *Urinary System Diseases and Disorders*
Do review questions for this chapter
Assignment 2 Internet Activity
Assessment

Week 13: Module 13
Read Chapter 16: *Reproductive System Disease and Disorders*
Do review questions for this chapter
Assessment

Week 14: Module 14
Read Chapter 17: *Eye and Ear Diseases and Disorders*
Do review questions for this chapter
Assessment

Syllabus may be subject to change.
**Education**

<table>
<thead>
<tr>
<th>Name of Institution</th>
<th>Degree Earned</th>
<th>Date Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas State Technical College</td>
<td>Associate in Applied Science</td>
<td>August 2005</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Certifications**

<table>
<thead>
<tr>
<th>Name of Certification</th>
<th>Date Expires</th>
<th>Date Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registered Health Information Technician , RHIT</td>
<td>March 2016</td>
<td>March 2009</td>
</tr>
<tr>
<td>American Board of Opticianry , ABOC</td>
<td>December 2017</td>
<td>October 2002</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Industry, Teaching or Training, and Other** *(Examples: publications and memberships)*

**Experience Relevant To Course**

<table>
<thead>
<tr>
<th>Description of Experience Related To Course</th>
<th>Date Ended</th>
<th>Date Began</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lone Star Optical</strong> (CRB Medical Assoc)- Office manager: ordered supplies, billed insurance company’s which included Medicare and Medicaid using CMA codes and guidelines for eyewear. Practiced privacy, confidentiality, and security of all patient information as set forth by HIPAA. Assisted patients with their glasses; maintained electronic record system. All eyeglass entries were done electronic as was each patient record; assisted patient with questions on insurance Explanation of Benefits (EOB). Maintained the books at the end of the day for check out. Received my certification credential as an Optician while working with Dr.Boren. It is still a current certification.</td>
<td>December 2002</td>
<td>December 2001</td>
</tr>
<tr>
<td><strong>CRB Medical Assoc.</strong> - Medical records clerk for three in house doctors: Ophthalmology, Neurology and Otorhinolaryngology (ENT). Maintained and filed medical records. Worked front window assisting patients filling out the demographic paperwork needed for their appointments. Called in orders for lab work and set up appointments for MRI's, CT's, NCV's etc. Called in prescriptions to pharmacies and documented it in patient records. Assisted patient's with insurance questions such as Explanation of Benefits (EOB). Did release of information to patients and other medical and law facilities according to the rules and regulations set by HIPAA. Assisted patient with insurance questions. Protected and secured patient information ; determined validity of authorization for release of information; determined what information should be released; oversaw record processing for chart completion; assemble medical records; analyze charts for deficiencies; alphanumeric filing; monitored transcription for all three physicians; assisted coder pm; Data quality: made sure of accuracy, consistency, accessibility and timeliness of medical records. Practiced privacy, confidentiality, and security of all patient information as set forth by HIPAA. Delivered specimens to the pathology lab.</td>
<td>December 2001</td>
<td>June 2000</td>
</tr>
<tr>
<td><strong>Texas State Optical</strong> - Office Manager, billed insurance and Medicare and Medicaid by using designated codes and guidelines set by CMA. Hired and trained new employees, made schedules, maintained and filed medical records; release prescription according to rules and regulations set by</td>
<td>May 2000</td>
<td>April 1983</td>
</tr>
</tbody>
</table>
HIPAA. Practiced privacy, confidentiality, and security of all patient information as set forth by HIPAA. Assisted patient's with insurance questions. Alphabetic filing; record storage and retrieval. Assisted patient's with their glasses and contact lenses; maintained the books at the end of the day for check out.

**Texas State Technical College – HIT Instructor.** Started out as HIT Lab Assistant in August of 2005. I helped the students with their assignments and I assisted in the computers in healthcare class. I advised the students on what classes to take at registration time as well as register them. In February 2008 I accepted the position of HIT instructor for the Brownwood campus. My instructor profession consists of advising students, registering students, tutoring students when needed, making sure the students have all the material needed for their classes, and grading the student’s assignments. I also build classes in Moodle and maintain and update classes throughout every semester as well as updating syllabi each semester.

<table>
<thead>
<tr>
<th>American Health Information Management Association (AHIMA)</th>
<th>Expires March 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas Health Information Management Association (TXHIMA)</td>
<td>Expires March 2016</td>
</tr>
</tbody>
</table>
Student Acknowledgement:

This is to acknowledge that I have received a copy of the syllabus for the course [MDCA 1302]. I understand that it is my responsibility to read and understand the syllabus and to abide by the guidelines presented therein.

__________________________________  ______________________________
Student Printed Name    Signature

________________________________
Date