DATE OF LAST REVIEW: 04/2014

CIP CODE: 51.0801

SEMESTER: Departmental Syllabus

COURSE TITLE: Human Body

COURSE NUMBER: MEDA0160

CREDIT HOURS: 3

INSTRUCTOR: Departmental Syllabus

OFFICE LOCATION: Departmental Syllabus

OFFICE HOURS: Departmental Syllabus

TELEPHONE: Departmental Syllabus

EMAIL: Departmental Syllabus

KCKCC issued email accounts are the official means for electronically communicating with our students

PREREQUISITE(S): None

REQUIRED TEXT AND MATERIALS: Please check with the KCKCC–TEC bookstore, http://www.kckccbookstore.com/, for the required texts for your particular class.

COURSE DESCRIPTION:
This course introduces the student to basic human anatomy and physiology. Body systems are reviewed for normal function and common pathology. Common diseases and treatments are explored along with age-related health issues.

METHOD OF INSTRUCTION: A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.
COURSE OUTLINE:

I. Anatomy and Physiology
   A. Structural organization
   B. Body planes, directional terms quadrants and cavities
   C. Body systems
   D. Medical terminology
   E. Medical abbreviations

II. Structure, function, and disease
   A. Body systems
      1. Musculoskeletal
      2. Nervous
      3. Cardiovascular
      4. Special Senses
      5. Integumentary
      6. Endocrine
      7. Blood, lymph, immune
      8. Circulatory
      9. Digestive
     10. Urinary
     11. Reproductive
     12. Respiratory
        a. Major organs
        b. Normal function
        c. Common pathology
        d. Implications for disease and disability
        e. Age-related health issues
        f. Treatment

EXPECTED LEARNER OUTCOMES:
A. The student will be able to differentiate body planes, directional terms, quadrants and cavities.
B. The student will be able to identify the structure, function, and diseases of the integumentary system.
C. The student will be able to identify the structure, function, and diseases of the musculoskeletal system.
D. The student will be able to identify the structure, function, and diseases of the nervous system.
E. The student will be able to identify the structure, function, and diseases of the cardiovascular system.
F. The student will be able to identify the structure, function, and diseases of the special senses.
G. The student will be able to identify the structure, function, and diseases of the endocrine system.
H. The student will be able to identify the structure, function, and diseases of the blood, lymph, and immune system.
I. The student will be able to identify the structure, function, and diseases of the circulatory system.
J. The student will be able to identify the structure, function, and diseases of the digestive system.
K. The student will be able to identify the structure, function, and diseases of the urinary system.
L. The student will be able to identify the structure, function, and diseases of the reproductive system.
M. The student will be able to identify the structure, function, and diseases of the respiratory system.

COURSE COMPETENCIES:
Upon successful completion of this course:

*The student will be able to differentiate body planes, directional terms, quadrants and cavities.*

1. The student will be able to describe structural organization of the human body.
2. The student will be able to describe body planes, directional terms, quadrants and cavities.
3. The student will be able to identify body systems.
4. The student will be able to use medical terminology and abbreviations.

*The student will be able to identify the structure, function, and diseases of the musculoskeletal system.*

5. The student will be able to list major organs in the system.
6. The student will be able to describe the normal function of the system.
7. The student will be able to identify and analyze common pathology related to the system.
8. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
9. The student will be able to describe implications for treatment related to pathology in the system.
10. The student will be able to compare body structure and function of the system across the life span.

*The student will be able to identify the structure, function, and diseases of the nervous system.*

11. The student will be able to list major organs in the system.
12. The student will be able to describe the normal function of the system.
13. The student will be able to identify and analyze common pathology related to the system.
14. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
15. The student will be able to describe implications for treatment related to pathology in the system.
16. The student will be able to compare body structure and function of the system across the life span.

*The student will be able to identify the structure, function, and diseases of the cardiovascular system.*

17. The student will be able to list major organs in the system.
18. The student will be able to describe the normal function of the system.
19. The student will be able to identify and analyze common pathology related to the system.
20. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
21. The student will be able to describe implications for treatment related to pathology in the system.
22. The student will be able to compare body structure and function of the system across the life span.

*The student will be able to identify the structure, function, and diseases of the, special senses.*

23. The student will be able to list major organs in the system.
24. The student will be able to describe the normal function of the system.
25. The student will be able to identify and analyze common pathology related to the system.
26. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
27. The student will be able to describe implications for treatment related to pathology in the system.
28. The student will be able to compare body structure and function of the system across the life span.

*The student will be able to identify the structure, function, and diseases of the Integumentary system.*

29. The student will be able to list major organs in the system.
30. The student will be able to describe the normal function of the system.
31. The student will be able to identify and analyze common pathology related to the system.
32. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
33. The student will be able to describe implications for treatment related to pathology in the system.
34. The student will be able to compare body structure and function of the system across the life span.

*The student will be able to identify the structure, function, and diseases of the endocrine system.*

35. The student will be able to list major organs in the system.
36. The student will be able to describe the normal function of the system.
37. The student will be able to identify and analyze common pathology related to the system.
38. The student will be able to discuss implications for disease and disability for the system
when homeostasis is not maintained.

39. The student will be able to describe implications for treatment related to pathology in the system.
40. The student will be able to compare body structure and function of the system across the life span.

The student will be able to identify the structure, function, and diseases of the blood, lymph, and immune system.

41. The student will be able to list major organs in the system.
42. The student will be able to describe the normal function of the system.
43. The student will be able to identify and analyze common pathology related to the system.
44. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
45. The student will be able to describe implications for treatment related to pathology in the system.
46. The student will be able to compare body structure and function of the system across the life span.

The student will be able to identify the structure, function, and diseases of the circulatory system.

47. The student will be able to list major organs in the system.
48. The student will be able to describe the normal function of the system.
49. The student will be able to identify and analyze common pathology related to the system.
50. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
51. The student will be able to describe implications for treatment related to pathology in the system.
52. The student will be able to compare body structure and function of the system across the life span.

The student will be able to identify the structure, function, and diseases of the digestive system.

53. The student will be able to list major organs in the system.
54. The student will be able to describe the normal function of the system.
55. The student will be able to identify and analyze common pathology related to the system.
56. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
57. The student will be able to describe implications for treatment related to pathology in the system.
58. The student will be able to compare body structure and function of the system across the life span.

The student will be able to identify the structure, function, and diseases of the urinary system.

59. The student will be able to list major organs in the system.
60. The student will be able to describe the normal function of the system.
61. The student will be able to identify and analyze common pathology related to the system.
62. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
63. The student will be able to describe implications for treatment related to pathology in the system.
64. The student will be able to compare body structure and function of the system across the life span.

The student will be able to identify the structure, function, and diseases of the reproductive system.

65. The student will be able to list major organs in the system.
66. The student will be able to describe the normal function of the system.
67. The student will be able to identify and analyze common pathology related to the system.
68. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
69. The student will be able to describe implications for treatment related to pathology in the system.
70. The student will be able to compare body structure and function of the system across the life span.

The student will be able to identify the structure, function, and diseases of the respiratory system.

71. The student will be able to list major organs in the system.
72. The student will be able to describe the normal function of the system.
73. The student will be able to identify and analyze common pathology related to the system.
74. The student will be able to discuss implications for disease and disability for the system when homeostasis is not maintained.
75. The student will be able to describe implications for treatment related to pathology in the system.
76. The student will be able to compare body structure and function of the system across the life span.

ASSESSMENT OF LEARNER OUTCOMES:
Assessment methods include, but may not be limited to: written tests, simulations, homework assignments, attendance and observation of professional behavior.

SPECIAL NOTES:
This syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student’s progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff.
that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational Amendments of 1972, require the college’s policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

Kansas City Kansas Community College complies with the Americans with Disabilities Act. If you need accommodations due to a documented disability, please contact the Director of Academic Resource Center in Room 3354 or call (913) 288-7670.