
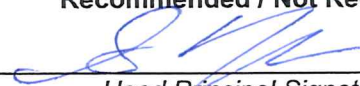
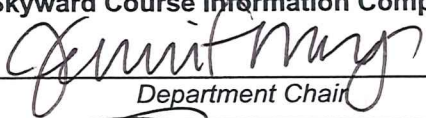

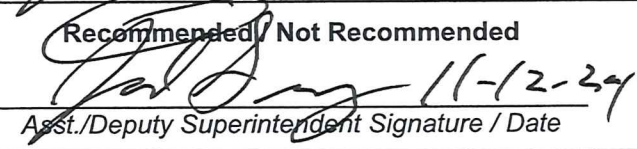


WILLAP I

[9125]

**Process for New Course Offering - All Schools**

This form is to be completed for a course that has never been approved by the Curriculum Council.

<b>STEP ONE:</b> Requesting professional (teacher/counselor) completes the written request.	
<b>STEP TWO:</b> Requesting professional takes request to Department Chair for consideration/additional information. The Department Chair presents the course to members of the department.	<p><b>Recommended / Not Recommended</b></p> <p> 10/7        Department Chair / Date</p> <p>_____</p> <p>Date of Department Mtg.</p>
<b>STEP THREE:</b> Request is sent to the Head Principal for consideration.	<p><b>Recommended / Not Recommended</b></p> <p> 10-7-24        Head Principal Signature / Date</p>
<b>STEP FOUR:</b> Counselors complete Skyward Course Information on the written request form.	<p><b>Skyward Course Information Completed</b></p> <p>        Department Chair</p>
<b>STEP FIVE:</b> Request is brought to the Curriculum Council for a final decision by the Department Chair and/or the requesting professional. Presence is expected at the Curriculum Council meeting to answer any questions.*	<p><b>Recommended / Not Recommended**</b></p> <p> 11-12-24        Curriculum Council Chair Signature / Date</p>
<b>STEP SIX:</b> Final determination, before submission to the BOE, is determined by the Assistant/Deputy Superintendent overseeing the Office of Curriculum & Instruction.	<p><b>Recommended / Not Recommended</b></p> <p> 11-12-24        Asst./Deputy Superintendent Signature / Date</p>
<b>STEP SEVEN:</b> Request is presented to BOE for approval	<p><b>Approved / Not Approved</b></p>
<b>STEP EIGHT:</b> If approved by BOE, Request is sent to technology: A Zendesk is written by Chair of the Curriculum Council & paper copies are delivered by administrative assistant.	<p>_____</p> <p>Date Zendesk Submitted</p> <p>_____</p> <p>Date Forms Delivered</p>
<b>STEP NINE:</b> GCHS Registrar/Counselors are notified of completed changes by Technology. Forms are returned to the Office of Curriculum & Instruction.	<p>_____</p> <p><b>Date Changes Complete</b></p> <p><input type="checkbox"/> Forms Returned to Office of Curriculum &amp; Instruction</p>

**\*\*Course Not Approved (Notes from Curriculum Council):**

Request for New Course Offering - All Schools

**BELOW TO BE COMPLETED BY REQUESTING PROFESSIONAL/DEPARTMENT CHAIR**

Professional Submitting Request: <u>E Hamlin DeLoach</u> Department of Submission: <u>Counseling</u> Date Completed by Professional: <u>10/4/24</u>	Building Submitting Request: <u>GCHS</u> Date Submitted to Department Chair: <u>10/4/24</u>
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Course Name: <u>GCCC Anatomy + Physiology I</u> take existing 9125 from Skyward and update	SKYWARD INFORMATION: Short description of course (15 characters) <i>prints on transcripts</i> <u>GCCC A+P I</u> <hr/> Long description of course (30 characters) <u>↓</u> <u>GCCC Anatomy + Physiology I</u>
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Kansas Course Code (KCCMS): 03053 - update in curriculum/master

Please attach the following: <input type="checkbox"/> Standards/Course Objectives <input checked="" type="checkbox"/> Syllabus <input type="checkbox"/> Description of Course 80% of standards for the course should be addressed in order for approval. Please attach any other pertinent documents you think the Council may wish to evaluate to approve the course.	Does any additional curriculum need to be purchased for additional credit to be offered? <input type="checkbox"/> YES* <input checked="" type="checkbox"/> NO <i>*If yes, please attach information regarding curriculum to be purchased that includes cost.                  **If approved by building principal, Council will assume that cost of new curriculum is not a concern.</i>  Does this course have the potential or need for a supplemental salary? <input type="checkbox"/> YES* <input checked="" type="checkbox"/> NO <i>*If yes, please attach an explanation of the supplemental including cost and hours.</i>
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List any pre-requisite courses: <u>None</u>	BIO211 is this class
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**BELOW TO BE COMPLETED BY COUNSELOR**

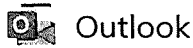
Course Length: <input type="checkbox"/> 1 quarter <input checked="" type="checkbox"/> 1 semester <input type="checkbox"/> 2 semesters Credit to be Earned: <u>.5</u> Is this a dual credit course? <input checked="" type="checkbox"/> YES / NO Is this a GCCC course? <input checked="" type="checkbox"/> YES / NO Number of USD 457 Credits: <u>.5</u> (3 GCCC credit hours = 0.5 credit at USD 457)	NOTES: take 9125 from skyward update name, KS course code, be sure it is indexed  NO semester indication: can happen either semester.
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<p>GPA Set: <input type="checkbox"/> normal <input checked="" type="checkbox"/> indexed</p> <p>Skyward Filter:</p> <p><input type="checkbox"/> LA <input type="checkbox"/> OC <input type="checkbox"/> FA <input type="checkbox"/> MA <input type="checkbox"/> SS <input type="checkbox"/> PE</p> <p><input type="checkbox"/> SCI <input type="checkbox"/> CO <input checked="" type="checkbox"/> GE <input type="checkbox"/> FL <input type="checkbox"/> STEM</p>	<p style="text-align: right;"><i>*TECHNOLOGY ON BACK</i></p>
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**BELOW TO BE COMPLETED BY TECHNOLOGY**

<p><input type="checkbox"/> KCCMS Mapping Confirmed</p> <p><input type="checkbox"/> Skyward Updates including any Course Code Assigned → _____</p> <p><input type="checkbox"/> Grad Requirements &amp; Filtering Confirmed</p> <p><input type="checkbox"/> GCHS Registrar/Counseling Department Notified of Completion</p> <p><input type="checkbox"/> Forms Returned to Office of Curriculum &amp; Instruction</p>
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***ALL FORMS MUST BE RETURNED TO THE OFFICE OF CURRICULUM AND INSTRUCTION.***



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**syllabi for curriculum guide**

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From Dawn Tucker <dawn.tucker@gcccks.edu>

Date Tue 9/24/2024 7:59 AM

To Hamlin DeLoach, Emily <ehamlin@gckschools.com>

5 attachments (3 MB)

BIOL-210.pdf; BIOL-211.pdf; HELR 103.pdf; HELR 160.pdf; MATH 111 Master Syllabus.pdf;

THIS MESSAGE ORIGINATES FROM OUTSIDE USD-457

Hi Emily,

Here are some syllabi about courses that we thought might benefit some of your students for dual credit. Some you may already have. Students could enroll with us using our online instructors or possibly coming to campus for a class. If ever there was staff at GCHS who could be qualified to teach, we would love for them to teach face to face on your campus.

Let me know if you need anything else from me or have questions.

Thanks!!

**DAWN TUCKER** : Office | 620-276-0441  
Dual Credit Coordinator : dawn.tucker@gcccks.edu



**GARDEN CITY**  
COMMUNITY COLLEGE

801 Campus Drive • Garden City, KS • 67846 • www.gcccks.edu

*GCCC will be the premier educational nexus of progress  
providing world class learning in a dynamic environment.*

***From here, you can go anywhere.***

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## State Course Codes

### High School

#### Subject Area 03: Life and Physical Sciences (secondary)

#### Biology

##### 03051 - Biology

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

##### 03052 - Biology—Advanced Studies

Usually taken after a comprehensive initial study of biology, Biology—Advanced Studies courses cover biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms.

##### 03053 - Anatomy and Physiology

Anatomy and Physiology is a 1-credit course that is the study of the function, structure, and interrelationships of the various systems of the human body. To understand the structural and functional systems of the human body, students will learn about terminology, body plan and organization, histology, the integumentary system, the skeletal system, the muscular system, the nervous system, special senses, the endocrine system, the cardiovascular system, lymphatic system, immunity, the respiratory system, the digestive system, metabolism, the urinary system, and the reproductive system. Special attention should be given to health careers, related technical skills, and technology associated with these professions.

##### 03054 - Anatomy

Anatomy courses present an in-depth study of the human body and biological system. Students study such topics as anatomical terminology, cells, and tissues and typically explore functional systems such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems.

##### 03055 - Physiology

Physiology courses examine all major systems, tissues, and muscle groups in the human body to help students understand how these systems interact and their role in maintaining homeostasis. These courses may also cover such topics as cell structure and function, metabolism, and the human life cycle.

KCCMS  
D3053

AMBA

# Course Name: Anatomy and Physiology I

4 Credit Hours

## Course Information

Course Number-Section: BIOL-211

Final Exam:

Start/End Date:

AMBA

## Instructor Information and Communication Expectations

### Instructor Information:

Instructor:

Phone:

Email:

Office Location:

### Contacting Instructor:

Best Method of Contact:

## Course Description

Description: : The structure and function of cells and tissues and the skeletal, muscular, and nervous systems comprise the course content. Special attention is given to controls and integration of the erect and moving body. This course is designed primarily for students in health-related fields.

Prerequisites: None. Chemistry for Health Services and Principles of Biology are highly recommended.

# Textbook Information

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Openstax Anatomy and Physiology 2e.

Publish Date: Apr 20, 2022

Web Version Last Updated: Jun 13, 2024

Hardcover:

BN-13: 978-1-711494-06-7

Paperback:

BN-13: 978-1-711494-05-0

Digital:

BN-13: 978-1-951693-42-8

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## Student Learning Outcomes

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RSN Course BIO 2030 (BIO 2031 lecture and BIO 2032 lab)

The learning outcomes and competencies detailed in this course outline or syllabus meet or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Groups project for this course as approved by the Kansas Board of Regents

For a full list follow the links below.

<https://www.kansasregents.org/resources/SWT/BIO2030.pdf> 

<https://www.kansasregents.org/resources/SWT/BIO2030.pdf>

Students will be able to . . .

Upon completion of this course, students will be able to:

**Body Plan & Organization**

name and describe anatomical and directional terminology including the following topics:

anatomical position

body planes, sections

body cavities & regions

directional terms

basic terminology

levels of organization

survey of body systems

**Homeostasis**

name and describe basic concepts of homeostasis and how homeostatic mechanisms apply to body systems

Identifying and recognizing topics:

general types of homeostatic mechanisms

examples of homeostatic mechanisms

application of homeostatic mechanisms

predictions related to homeostatic imbalance, including disease states & disorders

### Chemistry & Cell Biology Review

name and describe basic chemistry and cellular structures and function, including the following topics:

atoms & molecules

chemical bonding

inorganic compounds/solutions (including the concept of pH)

organic compounds

energy transfer using ATP

intracellular organization of nucleus and cytoplasm

membrane structure & function

mechanisms for movement of materials across cellular membranes

organelles

protein synthesis

cellular respiration (introduction)

somatic cell division (mitosis & cytokinesis)

reproductive cell division

application of homeostatic mechanisms

predictions related to homeostatic imbalance, including disease states and disorders

### Histology

identify the basic tissues of the body and their location and explain their functions, including the following topics.

overview of histology & tissue types

microscopic anatomy, location, & functional roles of epithelial, connective, muscular and nervous tissues - membranes (mucous, serous, cutaneous & synovial) - glands (exocrine & endocrine) - tissue injury & repair

### Integument System

identify major gross and microscopic anatomical components of the integument system and describe the function of the system, including the following topics.

general functions of the skin & the subcutaneous layer

gross & microscopic anatomy of the skin

roles of the specific tissue layers of the skin & subcutaneous layer

anatomy & functional roles of accessory structures

application of homeostatic mechanisms

predictions related to homeostatic imbalance, including disease states & disorder

### Skeletal System

identify major gross and microscopic anatomical components of the skeletal system and explain their functional



general functions of bone & the skeletal system

structural components – microscopic anatomy

structural components – gross anatomy

physiology of embryonic bone formation (ossification, osteogenesis)

physiology of bone growth, repair & remodeling

organization of the skeletal system - gross anatomy of bones

classification, structure & function of joints (articulations)

application of homeostatic mechanisms

predictions related to homeostatic imbalance, including disease states & disorders

## Muscular System

Identify major gross and microscopic anatomical components of the muscular system and explain their functional roles in body movement, maintenance of posture, and heat production, including the following topics.

general functions of muscle tissue

identification, general location, & comparative characteristics of skeletal, smooth, & cardiac muscle tissue -

detailed gross & microscopic anatomy of skeletal muscle

physiology of skeletal muscle contraction

skeletal muscle metabolism

principles & types of whole muscle contraction - nomenclature of skeletal muscles

location & function of skeletal muscles

group actions of skeletal muscles

lever systems

application of homeostatic mechanisms

predictions related to homeostatic imbalance, including disease states & disorders

## Nervous System

Identify the major gross and microscopic anatomical components of the nervous system and explain their functional roles in communication, control, and integration, including the following topics.

general functions of the nervous system

organization of the nervous system from both anatomical & functional perspectives

gross & microscopic anatomy of the nerve tissue

neurophysiology, including mechanism of resting membrane potential, production of action potentials, & impulse transmission

neurotransmitters & their roles in synaptic transmission

sensory receptors & their roles

division, origin, & function of component parts of the brain

protective roles of the cranial bones, meninges, & cerebrospinal fluid

structure & function of cranial nerves

anatomy of the spinal cord & spinal nerves

reflexes & their roles in nervous system function

physiology of sensory & motor pathways in the brain & spinal cord

comparison of somatic & autonomic nervous systems

application of homeostatic mechanisms

predictions related to homeostatic imbalance, including disease states & disorders

The learning outcomes and competencies detailed in this course outline or syllabus meet or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Groups project for this course as approved by the Kansas Board of Regents

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## Course Types

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**ONLINE COURSE:** An online course uses computer-based technologies (i.e. *Canvas*) to create an online classroom.” Students are instructed in course content through online learning: tutorials, testing exercises, group collaborations, independent assignments, and long-range projects. Each individual course provides a schedule of assignments and deadlines. Students need to have adequate computer skills as they will be communicating with the instructor and classmates online. This course is an online course, and you are responsible for ensuring that you can access all course material on a regular basis either from the GCCC campus or from home. Additionally, certain technical abilities will be required, such as installing necessary plug-ins and uploading files. If you have a problem with a personal computer or interrupted network connection, know that you are still responsible for submitting your work on time. If there is a problem with the Canvas system, notify your instructor and Canvas support (877) 259-191 (or email [online@gcccks.edu](mailto:online@gcccks.edu)) (mailto:online@gcccks.edu).

**ACCELERATED COURSE:** An accelerated course allows students to complete an academic course in less time than a full semester. This is an intensive course, covering a full semester’s work in considerably less time. Therefore, regular, consistent attendance is vital for success, and students are required to do substantially more work outside of class.

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## Time Commitment

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This course is measured in credit hours. Each credit hour requires about 45 hours of work. This is a 4 credit hour course.

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## Classroom Decorum

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Netiquette is online etiquette. It is important that all participants in online courses be aware of the proper online behavior and respect each other.

Use appropriate language for an educational environment:

- Use complete sentences

- Use proper spelling and grammar

- Avoid slang and uncommon abbreviations

- Do not use obscene or threatening language

Remember that the college values diversity and encourages discussion. Be respectful of differences while engaging in online discussions. For more information about Netiquette, see [The Core Rules for Netiquette by Victoria Lea](http://www.albion.com/netiquette/corerules.html). [↪ \(http://www.albion.com/netiquette/corerules.html\)](http://www.albion.com/netiquette/corerules.html)

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## Attendance

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### Attendance Guidelines:

- . Attendance at GCCC is highly recommended.
- . The student is responsible for contacting each instructor regarding an absence.
- . GCCC supports the right of instructors to recommend withdrawal prior to the published withdrawal date or to fail any student whose absences are excessive in the instructor's opinion.

### College-sponsored Activity Absence Policy:

- . The student must notify the instructor prior to the absence.
- . The student must obtain assignments prior to the absence.
- . The student and instructor must establish a due date.
- . The student must submit completed assignments by the due date.
- . Coaches or sponsors will provide a list of participants to instructors prior to the activity.

When these criteria are met, coursework will be accepted.

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## Assessment

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### Tests

You will be prepared thoroughly for each test administered. Quizzes will be given throughout the semester to test your understanding of the content presented. Quizzes will have multiple choice, multiple response, true/false, and/or short answer. Writing, communication, analytical, and critical thinking skills will be assessed through discussion post responses and assignments.

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### Homework

Homework will be due each Wednesday. Homework will be assigned online through Canvas in the form of discussion boards, assignments, and/or worksheets.

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### Make-up/Late Work Policies

Make-up/Late Work: Make up and late work will be accepted on a case-by-case basis. Please communicate. If you know you will be absent, you are expected to work ahead. Labs/lab practical/assignments/quizzes/exams are due by the due dates specified on the schedule. An exception will ONLY be made under approved documented circumstances that occurred which prevented students from completing their activities in the allotted timeframe. Late assignments and missed exams without prior notification or documented extenuating circumstance will result in a grade of "zero."

## Extra Credit Policy

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Extra Credit:

Extra credit will be an option offered.

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## Attendance

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Attendance:

Your attendance is necessary for success.

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## Final Exam

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Final:

The final exam will be timed and cumulative.

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## Grading Scale

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After your numerical grade has been calculated, your letter grade will be determined as follows:

90 - 100% = A

80 - 89% = B

70 - 79% = C

60 - 69% = D

Below 60% = F

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## Computation of Grades

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Homework = 155 points out of 465 = 33%

Attendance/Participation = Possible extra credit 0%

Tests = 210 points out of 465 = 45%

Final Exam = 100 points out of 465 = 22%

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## College Policies

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(Updated 01/11/24)

+ -

Students will develop the Essential or Employability Skills based on their credential. Essential skills include written communication, oral communication, and critical thinking as well as awareness of cultural diversity and social responsibility. Employability skills include communication, problem-solving, and work ethic. These outcomes align with the college's commitment to engaging students in the collection, analysis, and communication of information.

## Cell Phone Policy

Use of cellular phones or any other electronic communication devices for any purpose during a class or exam session is prohibited by Garden City Community College, unless expressly permitted by the instructor.

## ADA/Equal Access

In compliance with the Americans with Disabilities Act (ADA), all qualified students enrolled in this course are entitled to "reasonable accommodations." Students who wish to receive accommodations must work with the Accommodations Coordinator and notify the instructor during the first week of class of any accommodations needed for the course. Garden City Community College is complying with the Americans with Disabilities Act, and is committed to equal and reasonable access to facilities and programs for all employees, students and visitors. Those with ADA concerns, or who need special accommodations, should contact the Accommodations Coordinator, Garden City Community College, 801 Campus Drive, Garden City, KS 67846, 620-276-9638 and/or at the email address [accommodations@gcccks.edu](mailto:accommodations@gcccks.edu) (<mailto:accommodations@gcccks.edu>).

## Equal Opportunity

Garden City Community College does not discriminate against applicants, employees or students on the basis of race, religion, color, national origin, sex, age, height, weight, marital status, sexual orientation, or other non-merit reasons, or handicap nor will sexual harassment be tolerated, in its employment practices and/or educational programs or activities. Those concerned about the above should contact the Human Resources office at Garden City Community College, 801 Campus Drive, Garden City, KS 67846 620-276-9574.

## Copyright Disclaimer

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