B10L 114

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.

STEP ONE: Requesting professional (teacher/counselor) completes the written request.	
STEP TWO: Requesting professional takes request to Department Chair for consideration/additional information. The Department Chair presents the course to members of the department.	Recommended / Not Recommended Mak Sha ay 11/4/24 Department Chair / Date 11/4/24 Date of Department Mtg.
STEP THREE: Request is sent to the Head Principal for consideration.	Recommended / Not Recommended // -5 - 7
STEP FOUR: Counselors complete Skyward Course Information on the written request form.	Skyward Course Information Completed Windows
STEP FIVE: 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.*	Recommended// Not Recommended** //-/2-24/ Surriculum Council Chair Signature / Date
STEP SIX: Final determination, before submission to the BOE, is determined by the Assistant/Deputy Superintendent overseeing the Office of Curriculum & Instruction.	Recommended Not Recommended - / 2 - 24 Asst. Deputy Superintendent Signature / Date
STEP SEVEN: Request is presented to BOE for approval	Approved / Not Approved
STEP EIGHT: 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.	Date Zendesk Submitted
aurinistiative assistant.	Date Forms Delivered
STEP NINE: GCHS Registrar/Counselors are notified of completed changes by Technology. Forms are returned to the Office of Curriculum & Instruction.	Date Changes Complete Forms Returned to Office of Curriculum & Instruction

**Course Not Approved (Notes from Curriculum Co	ouncil):	
Request for New Cours	se Offering - All Schools	
BELOW TO BE COMPLETED BY REQUEST	TING PROFESSIONAL/DEPARTMENT CHAIR	
Professional Submitting Request: EMily Hamim De	Building Submitting Request: (7015)	
Professional Submitting Request:		
Department of Submission: (published) Date Completed by Professional: 11/4124	Date Submitted to Department Chair:	
Date Completed by Professional: 11/4124	11/4/24	
Course Name:	SKYWARD INFORMATION: Short description of course (15 characters)	
GCCC Biology I	prints on transcripts 6(CC BIO T	
	Long description of course (30 characters)	
	GCCC Biology F	
Kansas Course Code (KCCMS): 03052		
Places attach the following:	Does any additional curriculum need to be purchased for	
Please attach the following: Standards/Course Objectives	additional credit to be offered? YES*, NO	
Syllabus	*If yes, please attach information regarding curriculum to be purchased that includes cost.	
Description of Course 80% of standards for the course should be addressed in	**If approved by building principal, Council will assume that cost of new curriculum is not a concern.	
order for approval. Please attach any other pertinent documents you think the Council may wish to evaluate to	Does this course have the potential or need for a	
approve the course.	supplemental salary? Not at you try	
	*If yes, please attach an explanation of the supplemental including cost and hours.	
List any pre-requisite courses:	Indicate the following:	
d land	☐ Required Course ☐ Elective Course	
10010	Either (depends on grad reqs)	
BELOW TO BE COMPLETED BY COUNSELOR		

Course Length: ^	NOTES:
☐ 1 quarter ☐ 1 semester ☐ 2 semesters	News new Skyward (Mrs. cod).
Credit to be Earned: 0,5	
Is this a dual credit course? YES NO	CVINAND (M& COOK)
Is this a GCCC course? YES NO	OM MOTOR CVI
Number of USD 457 Credits: 0,5 (3 GCCC	
credit hours = 0.5 credit at USØ 457)	
GPA Set: ☐normal ☐indexed	
,	
Skyward Filter:	
□la □oc □fa □ma □ss □pe	
DSCI □CO DGE □FL □STEM	*TECHNOLOGY ON BACK
BELOW TO BE COMPL	ETED BY TECHNOLOGY
☐ KCCMS Mapping Confirmed	
\square Skyward Updates including any Course Code Assigned –	->
☐ Grad Requirements & Filtering Confirmed	
\square GCHS Registrar/Counseling Department Notified of Comp	pletion
☐ Forms Returned to Office of Curriculum & Instruction	

ALL FORMS MUST BE RETURNED TO THE OFFICE OF CURRICULUM AND INSTRUCTION.

Course Syllabus



24 Spring

Credit Hours 4

Course Information

Course Number-Section: BIOL 114-01

Final Exam: BIOL 114-01 - 05/08/23-8:30am

Start/End Date: 1/15/23-5/9/23

Instructor Information and Communication Expectations

Instructor Information:

Instructor: S.Lalicker

Phone: (620)276-9550 FOUSE Secretary. It is better to email me.

E-mail: shelli.lalicker@gcccks.edu

Office Location: F1105

Contacting Instructor:

shelli.lalicker@gcccks.edu

E-mail Response Time:

It is my goal to email you before the next class period. Please do NOT wait to email me the night before an assignment is due. Emails may not be answered after 4:00 or on weekends.

ó Course Description

Description: For students majoring in Biology, this is an introductory course dealing with the nature of life. Course concepts include simple chemistry, cells, cell processes, DNA processes, inheritance, plants, animals, reproduction, and development. Three hours of Lecture and 1.5 hours of lab per week. (Fall / Spring / Summer)

Prerequisites: None

Textbook Information

Starr: Biology Concepts and Applications, 11th edition – Included in your Cengage Unlimited registration.

≅ Student Learning Outcomes

Students will be able to ...

Students will be able to

- 1. Demonstrate an understanding of the nature of science
- 2. Scientific processes
- 3. Scientific methods
- 2. Demonstrate an understanding of the levels of organization and emergent properties of life
- 3. Basic biological chemistry
- 4. Structure and function of biological molecules
- 5. Cellular structure and functions
- 3. Demonstrate an understanding of bioenergetics
- 4. Enzyme activity
- 5. Cellular respiration
- 6. Photosynthesis
- 4. Demonstrate an understanding of cellular reproduction
- 5. Binary fission
- 6. Mitosis
- 7. Meiosis
- 5. Identify the basic principles of Mendelian and molecular genetics, and relate these to the basic principles of Natural Selection and evolution
- 6. Classical genetics
- 7. Molecular genetics
- 8. DNA replication

- 9. Gene expression and regulation
- 6. Design and perform experiments in a laboratory setting
- 7. Microscopy
- 8. Quantitative measurement skills incorporating the metric system
- 9. Analytical and statistical skills including presenting and/or interpreting graphs and tables
- 10. Experience with living organisms in the laboratory

KRSN Course BIO 1020 (https://www.kansasregents.org/academic_affairs/transfer-articulation)

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



FACE TO FACE COURSE: Face-to-face courses are campus-based classes that meet in-person at an established time and place. While instructional technologies (like Canvas) may be used to support the course, instruction takes place fully in-person. Students will still be expected to use campus technologies like email and Canvas.

S Time Commitment

It is expected that for each hour spent during class, a student will spend 1 to 3 hours outside of class for that course.

Classroom Decorum

Everyone entering the class will be expected to-

- 1. Arrive and be settled when class starts.
- 2. Ask questions throughout the class on any material.
 - If you do not want to ask during class, PLEASE see me during office hours, send an email (<u>lalicker@gcccks.edu (mailto:shelli.lalicker@gcccks.edu)</u>), or ask in a weekly discussion board.
- 3. If you need to step out of the room, do so quietly and do not interrupt class when you return.
- 4. Stay off your phone.
- 5. Pay attention in class -
 - 1. Notes out.
 - Ask clarifying questions.
 - 3. Pay attention.

- 6. If you are going to miss a class,
 - 1. contact me BEFORE you miss the class.
 - 2. review Canvas to see what was completed in class that day.
 - 3. contact another student about any assignments completed in class.
- 7. Show respect to all.

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 discourse. Be respectful of differences while engaging in online discussions. For more information about Netiquette, see *The Core Rules for Netiquette* (http://www.albion.com/netiquette/corerules.html http://www.albio



GUIDELINES:

- 1. Attendance at GCCC is highly recommended.
- 2. 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.

GUIDELINES:

Online attendance is highly encouraged to be successful in this class. Attendance online is defined as a learner who logs into the classroom and completes at least two activities in the course each week. Students are required to complete an assignment the first week of the class to maintain their enrollment in the course.

COLLEGE-SPONSORED ACTIVITY ABSENCE POLICY:

- 1. The student must notify the instructor prior to the absence.
- 2. 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.
- 5. Coaches or sponsors will provide a list of participants to instructors prior to the activity.
- 6. A change in practice time does not excuse you from class.

If these criteria are met, coursework will be accepted.

Assessment

Tests

Unit-lecture exams will pertain to material covered during lectures. Exams will be taken in the testing center. It is the student's responsibility to take the exam by the given deadline. There are lab assignments/quizzes for each completed lab. These lab practical quizzes have varying point values and pertain to material covered during labs. Lab quizzes will be taken in the lab or on Canvas when appropriate for the lab content. It is the student's responsibility to take each quiz on the due date.

Homework

Lecture homework will be assigned through Canvas. Lab homework will be assigned from the lab manual and is due at the end of lab, submitted online by Sunday at 11:59 pm the week of the lab, or the next lab day.

Make-up/Late Work Policies

It is expected that students will complete all work by the given deadlines. Late work for lab and lecture homework may be turned in within 24 hours for half credit. No late work will be accepted after 24 hours.

Every student is allowed to make up one lab during the semester during office hours. After one lab make up is used, a zero will be placed in the gradebook for all other labs and online lab assignments that pertain to the missed lab. If you are not in class to complete the lab, you will not be allowed to complete the online lab assignments.

Every student is allowed to make up ONE exam each semester for full points. Exams can only be made up if the student contacts me PRIOR to the exam date. If an extension is granted, it is the student's responsibility to take the exam within one week of the original test due date.

Extra Credit Policy

No extra credit is awarded in this class

Attendance

Attendance is recorded daily. If a student is 5 or more minutes late, that student will be marked as absent for that class period and a zero will be placed in the grade book for assignments for that day.

Final Exam

The final exam is cumulative, containing questions from topics we have covered throughout the semester during lecture and lab.

Grading Scale

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

Computation of Grades

Classroom assignments and homework(canvas) = 15%

Labs, lab assignments and/or quizzes = 25%

Exams = 60%

College Policies, updated 08/03/23

GCCC's General Education Outcomes

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).

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

Content provided in this course may be copyrighted and protected under U.S. Copyright laws. Access to materials provided as part of this course is for educational purposes only and limited to the duration of your enrollment in this course. You may not copy, download, upload, or otherwise redistribute and of the films, images, music, articles, or other content provided as part of this course. Any such reproduction or distribution is illegal and punishable under U.S. Copyright law (U.S.C. 17).

For all other concerns, please refer to the Garden City Community College Catalog, College Policy Manual and Student Handbook.

The instructor reserves the right to modify the syllabus.

Tentative Schedule

Course Calendar (https://gardencitycc.instructure.com/courses/14904/files/1585151?wrap=1) ψ (https://gardencitycc.instructure.com/courses/14904/files/1585151/download?download_frd=1)

Course Summary:

Date	Details Due
Wed Jan 17, 2024	Canvas Access due by 11:59pm (https://gardencitycc.instructure.com/courses/14904/assignments/451097)
Sun Jan 21, 2024	Chapter 1 Post Quiz (https://gardencitycc.instructure.com/courses/14904/assignments/451104)

Date	Details	Due
	Is Sammy Alive? du (https://gardencitycc.instructure.com/courses/14904/assignments	ie by 11:59pm 451142)
	Microscope Lab Quiz (https://gardencitycc.instructure.com/courses/14904/assignments	ie by 11:59pm 451150)
	Practice kingdoms (https://gardencitycc.instructure.com/courses/14904/assignments	ie by 11:59pm 451161)
	Syllabus and Safety Contract (https://gardencitycc.instructure.com/courses/14904/assignments	le by 11:59pm 451170)
		ie by 11:59pm
	Syllabus (https://gardencitycc.instructure.com/courses/14904/assignments	<u>/451171)</u>
Tue Jan 23, 2024	Chemical Model Lab in class (https://gardencitycc.instructure.com/courses/14904/assignments	ue by 11:59pm (451130)
Thu Jan 25, 2024	Macromolecule model lab (https://gardencitycc.instructure.com/courses/14904/assignments	ue by 11:55am 451148)
Sun Jan 28, 2024	Chapter 2 post quiz (https://gardencitycc.instructure.com/courses/14904/assignments	ue by 11:59pm
Tue Jan 30, 2024	Macromolecule lab (https://gardencitycc.instructure.com/courses/14904/assignments	lue by 2:30pm (451146)
	Macromolecule lab (https://gardencitycc.instructure.com/courses/14904/assignments	ue by 11:59pm (451147)
Sun Feb 4, 2024	Chapter 3 Post Quiz (https://gardencitycc.instructure.com/courses/14904/assignments	ue by 11:59pm
	Chapter 3 Video 3 (https://gardencitycc.instructure.com/courses/14904/assignments	ue by 11:59pm 451113
Wed Feb 7, 2024	Unit Test 1 (https://gardencitycc.instructure.com/courses/14904/assignments	ue by 11:59pm

Date	Details	Due
Thu Feb 8, 2024	Cell Lab due (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm
	Cell Presentation due (https://gardencitycc.instructure.com/courses/14904/assignments/45	oy 10:20am 1102)
	Chapter 1 Practice NO GRADE (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm 1105)
Fri Feb 9, 2024	Chapter 2 quiz Practice NO GRADE due (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm (1108)
	Chapter 2-3 Quiz open after due (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm :1109)
	Chapter 3 Quiz Practice NO GRADE (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm 51112)
Sun Feb 11, 2024	Chapter 4 Quiz (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm
Fri Feb 16, 2024	Movement lab due (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm
Sun Feb 18, 2024	Chapter 5 Post Quiz (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm
Sun Feb 25, 2024	Chapter 6 Photosynthesis (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm
	Invertase Lab due (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm
	Page Template to 0	do: 11:59pm
Sun Mar 3, 2024	Respiration Video (https://gardencitycc.instructure.com/courses/14904/assignments/45	by 11:59pm

Date	Details	Due
Thu Mar 7, 2024	Unit 2 Test (https://gardencitycc.instructure.com/courses/14904/assignments/45117	11:59pm 2
Sun Mar 10, 2024	Chapter 7 post quiz (https://gardencitycc.instructure.com/courses/14904/assignments/45112	11:59pm
	Mitosis Microscope Lab (https://gardencitycc.instructure.com/courses/14904/assignments/45115	11:59pm
Wed Mar 13, 2024	Mitosis Quiz (https://gardencitycc.instructure.com/courses/14904/assignments/45115	11:59pm
	Chapter 8 Chapter Quiz (https://gardencitycc.instructure.com/courses/14904/assignments/45112	11:59pm
Sun Mar 17, 2024	DNA Lab Quiz (https://gardencitycc.instructure.com/courses/14904/assignments/45113	11:59pm
Mon Mar 18, 2024	Unit three test due by https://gardencitycc.instructure.com/courses/14904/assignments/45117	11:59pm
	RNA Practice Quiz (https://gardencitycc.instructure.com/courses/14904/assignments/45116	11:59pm
Sun Mar 24, 2024	transcription and Translation lab due by (https://gardencitycc.instructure.com/courses/14904/assignments/45117	11:59pm <u>79)</u>
Fri Mar 29, 2024	Unit 4 Test - In testing center (https://gardencitycc.instructure.com/courses/14904/assignments/45117	11:59pm
Sun Mar 31, 2024	Basics Genetics Part 1 (https://gardencitycc.instructure.com/courses/14904/assignments/45109	11:59pm
	Genetic Practice questions (https://gardencitycc.instructure.com/courses/14904/assignments/45113	11:59pm
Wed Apr 17, 2024	Monohybrid Cross 1 (https://gardencitycc.instructure.com/courses/14904/assignments/4511	11:59pm
	Monohybrid Crosses 2 due by	11:59pm

Date Details Due

Chapter 5

(https://gardencitycc.instructure.com/courses/14904/assignments/451120)

Chapter 5 Online Lab activity

(https://gardencitycc.instructure.com/courses/14904/assignments/451121)

Chapter 5 short

(https://gardencitycc.instructure.com/courses/14904/assignments/451125)

Chapter 5 Video 1

(https://gardencitycc.instructure.com/courses/14904/assignments/451124)

Crash Course DNA and

Replication

(https://gardencitycc.instructure.com/courses/14904/assignments/451131)

Ecology

(https://gardencitycc.instructure.com/courses/14904/assignments/451133)

Eukaryopolis - The City of

Animal Cells

(https://gardencitycc.instructure.com/courses/14904/assignments/451134)

□ General Genetics Lab

(https://gardencitycc.instructure.com/courses/14904/assignments/451136)

Kingdom Charts Practice

(https://gardencitycc.instructure.com/courses/14904/assignments/451143)

➡ Light Dependent Reaction

(https://gardencitycc.instructure.com/courses/14904/assignments/451144)

Light Dependent Reaction -

Open After test

(https://gardencitycc.instructure.com/courses/14904/assignments/451145)

Meiosis Quiz Study after quiz

(https://gardencitycc.instructure.com/courses/14904/assignments/451149)

Parts of the Microscope Video

(https://gardencitycc.instructure.com/courses/14904/assignments/451157)

Date	Details	Due
	(https://gardencitycc.instructure.com/courses/14904/assignments/45115	<u>i5)</u>
Thu Apr 18, 2024	Unit 5 Test - Genetics (https://gardencitycc.instructure.com/courses/14904/assignments/45117	11:59pm
,	Human Genetics Test Part 1 (https://gardencitycc.instructure.com/courses/14904/assignments/45113	11:59pm
Sun Apr 21, 2024	Human Genetics Test Part 2 (https://gardencitycc.instructure.com/courses/14904/assignments/45113	11:59pm
	Human Inheritance Practice Problems due by (https://gardencitycc.instructure.com/courses/14904/assignments/45114	11:59pm (0)
Wed Apr 24, 2024	Final due by (https://gardencitycc.instructure.com/courses/14904/assignments/45113	11:59pm
Thu Apr 25, 2024	Chapter 1 open after due (https://gardencitycc.instructure.com/courses/14904/assignments/45110	11:59pm
	Chapter 4 Quiz No GRADE (https://gardencitycc.instructure.com/courses/14904/assignments/45111	11:59pm
	Chapter 5 Post Quiz Unit 2 Practice due by (https://gardencitycc.instructure.com/courses/14904/assignments/45112	11:59pm 23)
	Chapter 8 Practice Quiz (https://gardencitycc.instructure.com/courses/14904/assignments/45112	11:59pm
	Mitosis Quiz Practice for Unit 2 (https://gardencitycc.instructure.com/courses/14904/assignments/45115	11:59pm
	Photosynthesis After quiz (https://gardencitycc.instructure.com/courses/14904/assignments/45115	11:59pm
	Practice test for Unit 4 (https://gardencitycc.instructure.com/courses/14904/assignments/45116	11:59pm
	Practice Unit 4 Test (https://gardencitycc.instructure.com/courses/14904/assignments/45116	11:59pm

Due Date **Details**

Respiration Quiz Practice for

Unit test due by 11:59pm

(https://gardencitycc.instructure.com/courses/14904/assignments/451166)

Roll Call Attendance

due by 11:59pm (https://gardencitycc.instructure.com/courses/14904/assignments/451168)

Canvas Resources and

Policies Pre-Course Quiz

(https://gardencitycc.instructure.com/courses/14904/assignments/440407)

Canvas Resources and

Policies Pre-Course Quiz

(https://gardencitycc.instructure.com/courses/14904/assignments/451098)

Canvas Resources and

Policies Pre-Course Quiz

(https://gardencitycc.instructure.com/courses/14904/assignments/451099)

Canvas Resources and

Policies Pre-Course Quiz

(https://gardencitycc.instructure.com/courses/14904/assignments/451100)

By Cell division open to study

(https://gardencitycc.instructure.com/courses/14904/assignments/451103)

Chapter 2-3 Quiz open after

due

(https://gardencitycc.instructure.com/courses/14904/assignments/451110)

Chapter 4 Open after test

(https://gardencitycc.instructure.com/courses/14904/assignments/451114)

Chapter 4 Open after test

(https://gardencitycc.instructure.com/courses/14904/assignments/451115)

Chapter 5

(https://gardencitycc.instructure.com/courses/14904/assignments/451118)

Chapter 5

(https://gardencitycc.instructure.com/courses/14904/assignments/451119)

Date Details Due

Photosynthesis Short Quiz

(https://gardencitycc.instructure.com/courses/14904/assignments/451159)

Respiration Diagram after quiz

(https://gardencitycc.instructure.com/courses/14904/assignments/451164)

Respiration Quiz

(https://gardencitycc.instructure.com/courses/14904/assignments/451165)

Spring 21 Final Part 1 Track

(https://gardencitycc.instructure.com/courses/14904/assignments/451169)

□ Unit 2 practice quiz

(https://gardencitycc.instructure.com/courses/14904/assignments/451173)

□ Unit 3 quiz

(https://gardencitycc.instructure.com/courses/14904/assignments/451174)