BIOL 105

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. EHD	
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** _Matt Shea Cry_ 11/4/24 Department Chair / Date 11 / 04 / 24 Date of Department Mtg.
STEP THREE: Request is sent to the Head Principal for consideration.	**Recommended / Not Recommended** _SM_ 11-5-24 Head Principal Signature / Date
STEP FOUR: Counselors complete Skyward Course Information on the written request form.	**Skyward Course Information Completed** _Jennifrmy_ Department Chair
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**** _(signature)_ 11-12-24 Curriculum 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** _(signature)_ 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 _____ 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 Council):

Request for New Course Offering - All Schools

BELOW TO BE COMPLETED BY REQUESTING PROFESSIONAL/DEPARTMENT CHAIR

Professional Submitting Request: *Emily Hamlin DeLoach*

Building Submitting Request: *GCHS*

Department of Submission: *Counselors*

Date Submitted to Department Chair:
11-4-24

Date Completed by Professional: *11-4-24*

Course Name:
GCCC General Biology

SKYWARD INFORMATION:
Short description of course (15 characters)
prints on transcripts *GCCC Gen Bio*

Long description of course (30 characters)
GCCC Gen Biology

Kansas Course Code (KCCMS): *03051*

Please attach the following:

☑ Standards/Course Objectives

☑ Syllabus

☐ 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 <u>for</u> <u>additional credit to be offered?</u> ☐ YES* ☑ NO
*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.

Does this course have the potential or need for a supplemental salary? *Only might if moved to GCHS but currently on plans*
☐ YES* ☑ NO
*If yes, please attach an explanation of the supplemental including cost and hours. *for GCCC campus*

List any pre-requisite courses:
None

Indicate the following: *for GCCC campus*
☐ Required Course ☐ Elective Course

☑ Either (depends on grad reqs)

BELOW TO BE COMPLETED BY COUNSELOR

Course Length:

☐ 1 quarter ☑ 1 semester ☐ 2 semesters

Credit to be Earned: _0.5_

Is this a dual credit course? (YES) NO

Is this a GCCC course? YES/NO

    Number of USD 457 Credits: _0.5_ (3 GCCC credit hours = 0.5 credit at USD 457)

GPA Set: ☐ normal ☑ indexed

Skyward Filter:

☐ LA ☐ OC ☐ FA ☐ MA ☐ SS ☐ PE
☑ SCI ☐ CO ☑ GE ☐ FL ☐ STEM

NOTES:

Needs new Skyward Course Code

TECHNOLOGY ON BACK

BELOW TO BE COMPLETED BY TECHNOLOGY

☐ KCCMS Mapping Confirmed

☐ Skyward Updates including any Course Code Assigned —> _____

☐ Grad Requirements & Filtering Confirmed

☐ GCHS Registrar/Counseling Department Notified of Completion

☐ Forms Returned to Office of Curriculum & Instruction

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

Fall 24 General Biology

4 Credit Hours

📖 Course Information

Course Number-Section: BIOL 105 sec 45

Final Exam: 12/10/24

Start/End Date: 9/3/24-12/12/24

📇 Instructor Information and Communication Expectations

Instructor Information:

Instructor: John Schafer

Phone: 276-0437

E-mail: john.schafer@gcccks.edu

Office Location: Fouse 1010

Contacting Instructor: email

Best Method of Contact: email

E-mail Response Time: 24 hours

🍎 Course Description

Description:

Students should be proficient in reading and have developed vocabulary skills. 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. The course is for non-majors seeking a lab science. Course offered fall and spring semesters.

Prerequisites: none

📖 Textbook Information

Starr: Biology Concepts and Applications, 10th edition. Provided in Canvas.   Lab text: Wachmeister & Scott, 7th edition. Provided in lab

📋 Student Learning Outcomes

Students will be able to

1. Demonstrate an understanding of the nature of science

- Scientific processes
- Scientific methods

2. Demonstrate an understanding of the levels of organization and emergent properties of life

- Chemical
- Cellular
- Organ/organ system
- Organismal
- Ecological

3. Demonstrate an understanding of bioenergetics

- Enzyme activity

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- Metabolism
- Cellular respiration/photosynthesis

4. Demonstrate an understanding of the importance of reproduction in maintaining the continuity of life

- Mitosis
- Meiosis
- Differentiation/development
- Diversity of reproductive strategies

5. Demonstrate an understanding of applying principles of genetics to unity and diversity of life

- Classical genetics

- Molecular genetics

6. Demonstrate an understanding of discussing evolution as the mechanism of change in biology

- Natural selection
- Speciation
- Diversity of life/classification

7. Demonstrate an understanding of the principles of ecology

- Ecosystem organization
- Ecological interactions
- Environmental issues

8. Laboratory topics/skills

- Microscopy
- Quantitative measurement skills incorporating the metric system
- Analytical and statistical skills including presenting and/or interpreting graphs and tables
- Experience with living organisms in the laboratory and/or field setting
- Identification and proper use of laboratory equipment

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KRSN Course 1010

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

🖵 Course Types

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.

HYBRID COURSE: A hybrid course is a blend of online or independent work and campus-based instruction. A hybrid course offers the benefit of face-to-face instruction and the flexibility and convenience of online or independent work. Each individual course provides specific classroom dates and times while online or independent instruction uses any combination of various methods: video, audio, document files, discussion boards, and written assignments.

🕐 Time Commitment

A course is measured in credit hours. Each credit hour requires about 45 hours of work.

🎓 Classroom Decorum

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* by Victoria Shea. ➡ (http://www.albion.com/netiquette/corerules.html)

☑ Attendance

Attendance Guidelines:

1. Attendance at GCCC is highly recommended.
2. The student is responsible for contacting each instructor regarding an absence.
3. 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.

Online Attendance 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.

3. The student and instructor must establish a due date.

4. 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.

If these criteria are met, coursework will be accepted.

🎖 Assessment

Tests

Tests/Quizzes:

Test make up roughly 60% of your grade. They are posted in the syllabus and in Canvas

Homework

Homework: roughly 40%

Make-up/Late Work Policies

Make-up/Late Work: not accepted

Extra Credit Policy

Extra Credit: 30 points

Attendance

Attendance: recorded daily

Final Exam

Final: Unit exam

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

Homework = roughly 40%

Attendance/Participation = 0%

Tests = 60%

Final Exam = unit exam

🏛 College Policies

(updated 01/11/24)

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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.

☑ Class Schedule

Class Schedule.

Course Summary:

Date	Details	Due
Tue Sep 3, 2024	📅 **General Biology** (https://gardencitycc.instructure.com/calendar?event_id=73254&include_contexts=course_16582)	12am
Wed Sep 4, 2024	📅 **General Biology** (https://gardencitycc.instructure.com/calendar?event_id=73255&include_contexts=course_16582)	12am
	📝 **Living Activity** (https://gardencitycc.instructure.com/courses/16582/assignments/509520)	due by 8:30am
Thu Sep 5, 2024	📝 **Chapter 1 video(a)** (https://gardencitycc.instructure.com/courses/16582/assignments/507472)	due by 11:59pm
	📝 **Microscope Lab** (https://gardencitycc.instructure.com/courses/16582/assignments/507470)	due by 11:59pm
Fri Sep 6, 2024	📅 **General Biology** (https://gardencitycc.instructure.com/calendar?event_id=73256&include_contexts=course_16582)	12am
Mon Sep 9, 2024	📅 **General Biology** (https://gardencitycc.instructure.com/calendar?event_id=73459&include_contexts=course_16582)	12am
Tue Sep 10, 2024	📅 **General Biology** (https://gardencitycc.instructure.com/calendar?event_id=73460&include_contexts=course_16582)	12am
	📝 **MacroNut Activity as a VL** (https://gardencitycc.instructure.com/courses/16582/assignments/509496)	due by 11:59pm
Wed Sep 11, 2024	📅 **General Biology** (https://gardencitycc.instructure.com/calendar?event_id=73461&include_contexts=course_16582)	12am
	📝 **Chapter 3 Video** (https://gardencitycc.instructure.com/courses/16582/assignments/509499)	due by 11:59pm
Fri Sep 13, 2024	📅 **General Biology** (https://gardencitycc.instructure.com/calendar?event_id=73462&include_contexts=course_16582)	12am

Date	Details	Due
Tue Sep 17, 2024	📝 **Chemistry Lab 3 as a Virtual Lab** (https://gardencitycc.instructure.com/courses/16582/assignments/509498)	due by 11:59pm

📝 **Chapter 1 Lecture Notes** (https://gardencitycc.instructure.com/courses/16582/assignments/507469)

📝 **Chapter 1 PowerPoint** (https://gardencitycc.instructure.com/courses/16582/assignments/507468)

📝 **Chapter 2 Lecture Notes** (https://gardencitycc.instructure.com/courses/16582/assignments/509493)

📝 **Chapter 2 PowerPoint** (https://gardencitycc.instructure.com/courses/16582/assignments/509492)

📝 **Chapter 3 Lecture Notes** (https://gardencitycc.instructure.com/courses/16582/assignments/509495)

📝 **Chapter 3 PowerPoint** (https://gardencitycc.instructure.com/courses/16582/assignments/509494)