GCCC Contemporary Mathematics

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** *Department Chair / Date* 10/4/24 *Date of Department Mtg.*
STEP THREE: Request is sent to the Head Principal for consideration.	**Recommended / Not Recommended** 10-7-24 *Head Principal Signature / Date*
STEP FOUR: Counselors complete Skyward Course Information on the written request form.	**Skyward Course Information Completed** *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**** 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** 11-12-24 *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* *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: Elham Delvaux Department of Submission: Counseling Date Completed by Professional: 10/4/24	Building Submitting Request: GCHS Date Submitted to Department Chair: 10/4/24
Course Name: GCCC Contemporary Mathematics	SKYWARD INFORMATION: Short description of course (15 characters) *prints on transcripts* GCCC Contemp Math Long description of course (30 characters) GCCC Contemp Math
Kansas Course Code (KCCMS): 02137	
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 for additional credit to be offered? ☐ 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? ☐ YES* ☒ NO **If yes, please attach an explanation of the supplemental including cost and hours.*
List any pre-requisite courses: Accuplacer qualifying score ACT qualifying score	**Indicate the following:** ☐ 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:** .5 (3 GCCC credit hours = 0.5 credit at USD 457)	**NOTES:** New Skyward Course # needed

GPA Set: ☐normal ☒indexed **Skyward Filter:** ☐LA ☐OC ☐FA ☒MA ☐SS ☐PE ☐SCI ☐CO ☒GE ☐FL ☐STEM	***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.

Outlook

syllabi for curriculum guide

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
Dual Credit Coordinator
Office | 620-276-0441
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.

02138

State Course Codes

High School

Subject Area 02: Mathematics (secondary)

02139 - IB Mathematics: Applications and Interpretation

IB Mathematics: Applications and Interpretation courses prepare students to take the International Baccalaureate Mathematics: Applications and Interpretation exams. Intended to provide students with an understanding of the role of mathematics in an increasing technological world, these courses focus on mathematical concepts used as applications and in mathematical modeling. Course topics include numbers and algebra, functions, geometry and trigonometry, statistics and probability, and calculus.

Other Mathematics

02138 - College Mathematics Preparations

College Mathematics Preparations courses solidify quantitative literacy through the use and extension of algebraic, geometric, and statistical concepts. These courses prepare students for postsecondary liberal studies mathematics coursework; they are not intended to serve as remedial mathematics courses. Course content typically includes algebraic operations, solutions of equations and inequalities, number sets, coordinate geometry, functions and graphs, probability and statistics, and data representation.

02140 - IB Mathematics, Analysis, and Approaches

IB Mathematics: Analysis and Approaches courses prepare students to take the International Baccalaureate Mathematics: Analysis and Approaches exams. These courses prepare students to use analytical concepts within mathematics to solve abstract problems in a variety of contexts. These concepts are applied to course topics such as numbers and algebra, functions, geometry and trigonometry, statistics and probability, and calculus.

02991 - History of Mathematics

History of Mathematics courses include a study of the historical development of numbers, computation, algebra, and geometry. Figures critical to the development of mathematics (e.g., Pythagoras, Pascal, Descartes) or important developments (e.g., pi, decimal fractions, probability theory, calculus) often form the backbone of these classes.

02993 - Mathematics—Test Preparation

Mathematics—Test Preparation courses provide students with activities in analytical thinking and with the skills and strategies associated with standardized test taking (such as the PSAT, SAT, and ACT). Topics covered include strategies for arithmetic, algebra, geometry, and quantitative comparison problems as well as time management, scoring procedures, calculator usage, and management of test-related stress.

02994 - Mathematics Proficiency Development

Mathematics Proficiency Development courses are designed to assist students in acquiring the skills necessary to pass proficiency examinations.

GARDEN CITY COMMUNITY COLLEGE

Contemporary Mathematics, 3 credit hours Year & Semester: 16FA.

KCCMS
02151 22

02138 21

COURSE INFORMATION

Course Number-Section: MATH-111-00
Final Exam: Click here to enter text.
Start/End Date: Click here to enter text.

INSTRUCTOR INFORMATION

Instructor: Click here to enter text.
Phone: Click here to enter text.
Email: Click here to enter text.
Office Location: Click here to enter text.

CONTACTING INSTRUCTOR

Best method of contact.

EMAIL RESPONSE TIME

How often students can expect you to check email and voicemail.

COURSE DESCRIPTION

DESCRIPTION:
This course offers a survey of various mathematical topics for non-STEM majors. In addition to skill development, mathematics will be studied with an emphasis on real-world applications spanning many disciplines to help support the decision-making process. Topics include estimation and measurement, probability and risk, descriptions of data and statistics, personal finance, social choice, graph theory, and logic.

PREREQUISITES:
Intermediate Algebra (MATH-107) with a grade of C or better or placement according to the placement guide.

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.

TEXTBOOK INFORMATION

Contemporary Mathematics, Donna Kirk, Hardcover: ISBN-13: 978-1-711470-55-9, Paperback: ISBN-13: 978-1-711470-54-2, Digital: ISBN-13: 978-1-951693-68-8

This is an open-source book from OpenStax. It is available for free here:
https://openstax.org/details/books/contemporary-mathematics

GARDEN CITY COMMUNITY COLLEGE

Contemporary Mathematics, 3 credit hours Year & Semester: 16FA.

STUDENT LEARNER OUTCOMES

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

1. Apply critical and logical thinking skills to analyze various applications.
2. Apply estimation, measurement, and an understanding of numbers to various applications.
3. Use and evaluate statistics for decision making.
4. Demonstrate basic concepts of probability and risk.
5. Apply mathematical methods to personal finance.
6. Apply mathematics to the study of real-world situations.

KRSN Course: MAT1040

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 TYPE

Delete this line plus all course types that don't apply to this course.

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.

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 he course, instruction takes place fully in-person. Students will still be expected to use campus technologies like email and Canvas.

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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) 259-3991 (or email online@gcccks.edu).

BUSTER LIVE DISTANCE: On-campus students and distance students will attend class together. On-campus students attend class in person while distance students attend remotely, entirely through scheduled, synchronous live Zoom sessions. Distance students are recommended to have their own webcam-enabled laptops for this course.

TIME COMMITMENT

A course is measured in credit hours. Each credit hour requires about 45 hours of work.
If this is a hybrid course, please enter your time breakdown

CLASSROOM DECORUM

Click or tap here to enter text. Add your own policy. Delete what does not apply.
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 (Links to an external site.)Links to an external site.) by Virginia Shea.

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.

ATTENDANCE

Delete the policy that does not apply to your class.

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.

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.
6. If these criteria are met, coursework will be accepted.
7. Dual credit students will follow the same criteria.

ASSESSMENT

TESTS

Explain your testing policy: announced, unannounced, when, etc.

HOMEWORK

Explain homework policy: standard due days/times, types, how much to expect, location, etc.

MAKE-UP/LATE WORK POLICIES

Explain make-up/late work: due date/time, penalties assessed, conditions that must be met for late work, etc.

EXTRA CREDIT POLICY

Explain extra credit policy: if you grant extra credit, how, etc.

ATTENDANCE

Enter how attendance affects grading in your class—or if it doesn't count toward the class grade. NOT the campus-wide attendance policy.

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FINAL EXAM

Provide details about the final exam: cumulative, type of exam, etc.

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

Final exam: 25%; Tests: 50%; Homework, Quizzes, Attendance, etc.: 25% (Attendance can not be worth more than 5% of the overall grade)

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.

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

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

Instructor reserves the right to modify the syllabus.

TENTATIVE CLASS SCHEDULE

Click here to enter text. Arrange by Unit or by Week.

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