



**SCOTTSDALE
COMMUNITY COLLEGE**

A MARICOPA COMMUNITY COLLEGE

Course Information

Semester & Year:	Fall 2024
Course Title:	Sustainable World
Course Prefix & Number:	SUS 110
Section Number:	12754
Credit Hours:	3
Start Date:	21 October 2024
End Date:	13 December 2024
Meeting Days/Times:	Online

Course Format

The course format for this course is online with no scheduled meeting days or times. Assignments are due weekly as given in Canvas. All assignments are open and available, and you may work ahead as long as you submit each assignment by its posted due date (for full credit; see late policy below).

Instructor Information

Instructor: Jennifer McCulley

Email*: jennifer.mcculley@scottsdalecc.edu

*Preferred contact method is by Canvas message

Office Location: NS107 tutor center

Office Hours: Contact me to schedule

Course Description

Introduction to the field of sustainability and exploration of the interaction between human and natural global systems. Framework for analyzing and investigating the

global challenges such as land use change, competition for water and other natural resources, and renewable energy concerns and crises.

Prerequisites

None.

Course Competencies

1. Identify biogeochemical cycles (carbon, nitrogen, and phosphorus) most relevant to sustainability (I, II)
2. Describe the water cycle and explain its relevance to sustainability (I, III)
3. Explain the energy flow and relate it to current issues in sustainability (I, IV)
4. Outline the basic concepts of ecosystem science (V)
5. Define and give examples of ecosystem services (benefits) (V)
6. Outline the state of the world's renewable and non-renewable resources (VI)
7. Discuss the role of human values, aesthetics, preferences, and patterns of consumption in understanding and making decisions about sustainability (VII)
8. Discuss the relationship among poverty, inequality, and security (VIII)
9. Identify the impact of globalization and development on sustainability (IX)

Texts and Course Materials

None. All readings are supplied in Canvas or as a link to an external website.

Course Technologies

View the [Accessibility Statements & Privacy Policies](#) of technologies used in this course.

Maricopa Systems

This course uses key Maricopa systems for course management and communication.

- Canvas Learning Management System
- Student Maricopa Gmail Account
- Maricopa Open Educational Resource Learning System (MOER)

Streaming Media/Audio/Video Tools

This course uses webcasting, lecture capture systems, YouTube, and/or other streaming media services.

- YouTube

Student Assignment Tools

This course requires students to participate in or submit assignments using desktop or cloud-based applications.

- Google Products
- Microsoft Office 365
- Adobe pdf

Exam Proctoring Tool

None.

Plagiarism Checker Tool (Turnitin)

Turnitin is a plagiarism check tool that matches text to a vast database of sources including the internet, published works, commercial databases and student work submitted to Turnitin in institutions internationally. Students must submit designated papers to Turnitin when instructed. Information and instructions for Turnitin are provided in the course. For your reference, read the [Turnitin Terms of Service](#).

Course Policies

Students are responsible for the college policies included on the [Student Regulations](#) page of the Maricopa Community College District website. This page includes information on withdrawals, incompletes, attendance, student conduct, excused absences, accommodations and more.

The following are policies specific to this course. Students are also responsible for the college policies included on the [Student Regulations](#) page of the Maricopa Community College District website.

- **Course completion policy:** Students are required to complete all learning modules for full credit. *Any student who fails to submit more than 3 assignments will be withdrawn for lack of participation at the instructor's discretion.*

Generative Artificial Intelligence (AI) Policy

Opening Statement Regarding Generative Artificial Intelligence (AI)

The World Economic Forum defines generative AI as “a category of artificial intelligence (AI) algorithms that generate new outputs based on the data they have been trained on.

Unlike traditional AI systems that are designed to recognize patterns and make predictions, generative AI creates new content in the form of images, text, audio, and more.”

Some examples of generative AI tools include but are not limited to: ChatGPT, Google Bard, Microsoft Copilot, Stable Diffusion, GrammarlyGo, and Adobe Firefly.

No Generative Artificial Intelligence (AI) Allowed

In this class, all work submitted must be your own. The use of generative AI tools will be considered academic misconduct (see Administrative Regulation 2.3.11 1.B(b)) and will be treated as such. If you are unsure if the tool or website you are using is a generative AI tool, please contact the instructor for further clarification before using the tool or website.

Grading Standards & Practices

Grade Scale

Letter Grade	Points Range
A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
F	0 – 59%

Assignments

Assignment Name	Points	Percent of Grade
Introductions	15	1%
Syllabus Quiz	85	3%
Discussions (5, drop lowest 1)	400	13%
Knowledge Checks (8)	800	28%
Investigative Activities (9, drop lowest 1)	800	28%
Writing Assignments (6, drop lowest 1)	500	17%
Final Assessment	300	10%
TOTAL:	2900	100%

1. **Grading criteria** and formatting requirements are provided in Canvas for written assignments and discussion questions.

2. **Learning Modules:** These are the heart of the course. There are 10 modules, and each module corresponds to a major topic of the Environment and Sustainability. You will be completing 2 modules each week of the course.
3. **Reading Assignments:** Each week you will be provided with a series of readings, videos and websites to review. These will be on the theme of the module and form the foundation of the information you will need to complete the weekly graded assignments.
4. **Discussions:** There are 5 discussion questions, each worth 100 points. I drop your lowest score. Discussion questions are graded using the rubric given in the Introduction to Sustainable World module and require you to post your response to the question or scenario presented and encourage you to engage other students in discussion.
 - Module 1-8 discussions:
 - i. Initial posts are required by Friday night the week they are assigned for full credit.
 - ii. Responses are due by Sunday night the week they are assigned for full credit.
 - iii. All Module 1-8 discussions close for comments on Sunday night the week they are assigned (see Canvas for due dates).
 - Module 9 discussion close for comments Sunday, December 8th.
 - No late discussion questions will be accepted. Discussion is an integral part of this course and your posts need to be timely.
5. **Knowledge Checks:** There are 8 knowledge checks, each worth 100 points. These activities ask you to answer quiz questions based on the readings, videos and activities provided and are designed to be a substitute for in-person lecture. You will be given multiple attempts to complete each Knowledge Check by its deadline and your highest score will be recorded (the number of attempts depends on the Knowledge Check and is stated in Canvas for that assignment).
 - All Knowledge Checks are due by 11:59 p.m. Sunday the week they are assigned – See the Course Schedule.
 - Any Knowledge Checks handed in after the deadline will incur a late penalty of 2% per day late up to 2 weeks late or Wednesday, December 11th, whichever comes first.
 - Because you are given multiple opportunities to improve your score, I do not drop any low grades of the Knowledge Checks.
6. **Investigative Activities:** There are 9 investigative activities, each worth 100 points. I drop your lowest score. These activities ask you to answer questions based on your own investigation via websites and readings provided.

- All Investigative Activities are due by 11:59 p.m. Sunday night the week they are assigned – See the Course Schedule.
 - Any Investigative Activities handed in after the deadline will incur a late penalty of 2% per day late up to 2 weeks late.
 - No Investigative Activities will be accepted after Wednesday, December 11th.
7. **Writing Assignments:** There are 6 writing assignments, each worth 100 points. I drop your lowest score. Writing assignments are generally 400-500 words in length on the current module's topic.
- See the Course Schedule for due dates.
 - Any Writing Assignments handed in after the deadline will incur a late penalty of 2% per day late up to 2 weeks late.
 - No Writing Assignments will be accepted after Wednesday, December 11th.
8. **Final Assessment:** The final assessment is a 700-1500-word paper detailing your personal environmental world view based on what you learned in each module of the course. This assignment is your final exam.
- The Final Assessment is due by 11:59 p.m. Wednesday, December 11th.
 - No late Final Assessments will be accepted after 11:59 p.m. Thursday, December 12th. Please plan your time accordingly.

Final notes on assignments:

- No late discussion questions will be accepted. Initial responses are due by Friday night with any replies to classmates due Sunday night. No exceptions.
- Writing assignments, knowledge checks, and investigative activities may be handed in late for a penalty of 2% per day late up to 2 weeks late or December 11th, whichever comes first. No assignments will be accepted after December 11th.
- The Final Assessment is required and due by 11:59 p.m. Wednesday, December 11th. No Final Assessments will be accepted after 11:59 p.m. Thursday, December 12th.
- The use of AI is not permitted in this course (see Generative AI Policy section above). All work is expected to be your own. I will be using AI-detection tools as part of my grading routine.

Response Time

Students can expect a response time of 24 hours during the week and 48-hours on weekends for the instructor to respond to messages sent via the Canvas Learning Management System or email. **Canvas message is strongly preferred and will provide a faster response time than email.** Students can expect assignments to be graded within one week of the assignment's due date.

Attendance Policy

As an online-only course, there are no set meeting days/times. Your attendance is measured by the assignments you hand in. To remain in the course, you must complete and hand in at least one assignment each week. Please keep in touch with me.

Instructional Contact Hours (Seat Time)

This is a three (3) credit-hour course. For a 16-week course, plan to spend at least three hours on course content or seat time (direct instruction) and six hours on homework weekly. Accelerated courses require additional time per week. *Since this is an 8-week course, you can expect to spend at least six (6) hours on course content and twelve (12) hours on homework each week.*

Online Tutoring

SCC's tutors are available online to help with your courses. You may work with an SCC tutor remotely using Google Meet, your phone, or email. Visit the [Tutoring & Learning Centers](#) page for detailed information on the five learning center's hours and procedures.

As much as possible, it is highly recommended that you utilize SCC tutors since they are more familiar with SCC coursework, instructor expectations, and assignments; however, if you need to work with a tutor outside regular hours, online and hybrid students now have access to a 24/7 online tutoring service called Brainfuse. Brainfuse provides online tutoring in a variety of academic subjects. Each student may utilize up to 6 hours of online tutoring through Brainfuse per semester, and has the option of requesting additional time if needed.

To access Brainfuse and begin working with a tutor:

1. Visit the [SCC Online Tutoring Services Through Brainfuse](https://www.scottsdalecc.edu/students/tutoring/online-tutoring) page (<https://www.scottsdalecc.edu/students/tutoring/online-tutoring>)

2. Click the **Visit a tutor online** button
3. Enter your MEID and password
4. Choose your topic and subject
5. Click the **Connect** button

Please use your time effectively and be prepared with your questions before you connect to a tutor. Tutors and students communicate in real-time so whatever you type, draw, or share on the screen, the tutor sees, and vice versa. You may also want to have screenshots ready if applicable. All Brainfuse sessions are recorded for review later.

Learning Tools and Your Privacy and Security

SCC utilizes a variety of software applications and web-based tools operated by third party vendors to support student learning. To allow student access to the application, site or tool, certain identifiable information may be required to establish a user name or password, and submit work and/or download information from these tools. Inherent with all internet-based tools, there is a risk that individuals assume when electing to use these tools, as they may place information at risk of disclosure.

To use learning tools responsibly, please observe all laws and the Maricopa Community College District [Student Conduct Code](#), such as copyright infringement, plagiarism, harassment or interference with the underlying technical code of the software. As a student using a learning tool, you have certain rights. Any original work that you produce belongs to you as a matter of copyright law. You also have a right to the privacy of your educational records. Your contributions to learning tools constitute an educational record. By using the tool, and not taking other options available to you in this course equivalent to this assignment that would not be posted publicly on the internet, you consent to the collaborative use of this material as well as to the disclosure of it in this course and potentially for the use of future courses.

Students are responsible for the information contained in this syllabus, the Syllabus page in your Canvas course and the **College Policies & Student Services** page found in the First Steps module of your Canvas course. Students will be notified by the instructor of any changes in course requirements or policies.