JCC OFFICIAL COURSE OUTLINE

Course number, title and credits; total time allocation

Course Number	101	Credits	3	Title	Introduction to Sustainability		
Lecture/Discussion	48	hrs/semester	Lab	0	hrs/semester	Clinical	0 hrs/semester

Catalog description and Pre- and Co-requisites (Same as taxonomy and catalog)

Students will familiarize themselves with the environmental issues facing our community, state, country, and planet. This course will provide meaning to the term "sustainability" in order to build skills that will help the leaders of tomorrow protect the earth's resources and meet the needs of humanity indefinitely. It is an introduction to both the scientific and social sides of the environmental problems the world faces, with a specific aim at establishing a foundation in environmental comprehension and for further learning within the topic of sustainability.

Knowledge, skills and abilities students acquire from this course (Educational Objectives)

The purpose of this course is to offer a way for community college students to familiarize themselves with the environmental issues facing our community, state, country, and planet. This course will also attempt to give an unadulterated meaning to the term "sustainability" in order to build skills to help the people of tomorrow protect the earth's resources and meet the needs of humanity indefinitely.

Associate Degree Outcomes Addressed in this Course (These must appear in course syllabus)

The Associate Degree Outcome that this course will meet is:

8 - Make responsible decisions in personal and professional contexts.

Units/topics of Instruction

Some of the topics covered in STM 101 will include:

Environmental Stewardship
Conservation and Environmental Ethics
The science and social issues surrounding Global Warming
Introduction to Alternative Energy Technology
Introduction to Industrial Ecology
Sustainable Development
Ecosystem Health

Instructional Techniques and Procedures

- Presentation and discussions will supplement the readings from the textbook and articles that will be assigned. Moodle will be used to hold the syllabus, presentations, and offer a place for students to post questions and discuss topics.
- There will be three exams given during the semester that will test the students on the three sections of the course.
- Additionally, there will be an alternate version of the class offered for continuing education (specifically with the Allegiance Hospital program). These classes will be a hybrid form of the class that will take place every two or four weeks. Being a hybrid class, it will rely more heavily on Moodle and the students will be required to post weekly discussions to the site in order to achieve credit.

Instructional Use of Computer or Other Technology

Media for lecture presentations.

Instructional Materials and Costs to Students

Textbook: Approximately $90

Skills and abilities students should bring to the course

Able to read	☐ a limited amount of material ☒ an average amount of material ☐ an above average amount of material	Able to compute	☐ basic, pre-algebraic problems ☒ simple algebraic problems ☐ higher order mathematical problems
Able to read	☐ relatively easy material ☒ moderately difficult material ☐ technical or sophisticated material	Able to write	☐ short compositions ☒ medium length compositions ☐ lengthy compositions
Able to use technology	☐ keyboard skills/familiar with computer ☐ computer application ☐ web navigation	Other necessary abilities	☐ ☐ ☐

The course is usually scheduled

Day: ☒ Fall ☒ Winter ☒ Spring

Evening: ☒ Fall ☒ Winter ☐ Spring

Prepared by Mark Rabinsky **Date** 11/06/2008

Approved by Dept. **Date**

Approved by Dean **Date**

Approved by Curriculum Committee **Date**

(last names, please)