

**Natural Science 169 -**  
**Energy in Nature, Technology, and Society**  
**Generic Course Syllabus**

**Instructor:**  
**E-Mail:**  
**Office:**  
**Office Hours:**  
**Phone:**  
**Prerequisites:** None  
**Credits:** 3

**Required Materials:**

1.R. Hinrichs, M. Kleinbach. Energy, Its Use and the Environment 4th edition. Publisher: Brooks/Cole ISBN: 0495010855

2.D. Goodstien. Out of Gas, The End of the Age of Oil. Publisher: Norton ISBN: 0393058573

**Format:** Lecture, reading, discussion, homework assignments and evaluations. All class related material is offered through Blackboard.

**Important:** Please read the "Welcome Message" for class procedures. This message can be found in the announcements page in blackboard. There you will find a short survey (worth 10 points) which requests information I need to get you set up in this class. This message also gives details about tests, assignments and discussion topics and information on due dates. There are some things you will need to do immediately. They are:

- Log into blackboard and access this class
- Access your MATC email account (there is even a procedure which lets you forward your MATC mail to another email account ... procedures given by system administrator)
- Send me answers to an initial survey (details are given in the "welcome message" and also worth 10 bonus points)
- Introduce yourself in the discussion board (and also worth 10 bonus points)

I hope you enjoy this new course about energy. You will not be required to do any complex mathematics in this course. However, we will present many ideas and concepts in this class and this is the material I will stress on the evaluations. The course can be broken down into these main topics:

Energy - what is it?  
How we currently use energy and the problems that result.  
How can we change the trends? - alternate fuels and conservation

## **Blackboard**

This class is administered through a program called Blackboard. You will find links to all class related materials (including this syllabus) by visiting the [MATC](#) web site and logging on to [Blackboard](#). You will want to verify your access to blackboard soon after this introduction.

## Evaluations

There will be 3 tests worth 100 points each. All 100 point tests are taken online through blackboard. I'm offering you a chance to prepare for each test with a practice quiz (worth no points). The final exam is comprehensive and is worth 200 points. Students missing the final exam will receive an unsatisfactory grade (U).

## Homework Assignments

All students are required to earn 100 points by researching topics found in the **discussion board**. The topics come from material in the texts as well as ideas presented in class discussion.

Grades are determined as follows:

	Point Value	Location in Blackboard	Due Dates
3 Unit Tests (each worth 100 points)	300 total	Course Documents	Look in the Course Documents / Tests folder (each test is only open for a limited time)
Comprehensive Proctored Final Exam	200		
Homework Assignments	100	Discussion Board	You are required to answer one question in each of the topics listed. There are strict due dates for each topic. See the discussion board.
Extra Credit	50	Discussion Board	Due before the last day of class

There are 600 possible points you can earn in this class. Your grade is based on a percentage basis of that total.

<u>Percent</u>	<u>Grade</u>
92.5 - 100%	A
90 - 92.5%	A-
87.5 - 90%	B+
82.5 - 87.5%	B
80 - 82.5%	B-
78.5 - 80%	C+
72.5 - 78.5%	C
70 - 72.5%	C-
67.5 - 70%	D+

62.5 - 67.5%	D
60 - 62.5%	D-
0 - 60%	U

## Due Dates

Unit tests are offered in blackboard. See the folder labeled **course documents** for the exact dates the tests will be available. If (for any reason) you miss a test, ... don't panic. All tests will reopen at the very end of the class. Discussion topic questions closely follow the lecture material ... therefore, each discussion question has a range of dates that you should submit your answer in. **Please pay close attention to the discussion due dates because once I post the answers, I can not accept any late work.** It is a good idea to submit your work to the discussion board well ahead of the due date. If your response is incorrect, needs alterations, and/or corrections, you can resubmit work as long as the answers have not been posted.

I hope you enjoy this class...Good Luck!

## Links

Some **GREAT** general links:

[US. Department of Energy](#)

[Energy Story](#)

[National Renewable Energy Laboratory](#)

## Syllabus Addendum

### ADA Statement

If you have a disability that impacts your classroom performance and wish to request an accommodation, contact the Center for Special Needs at (414) 297-6838. They will require documentation regarding your disability to enable them to comply with your request. Admission of a disability is voluntary and will be handled in a confidential manner. MATC does not discriminate against individuals with disabilities and fully complies with the Americans with Disabilities Act.

### Dropping the Class

This class may be dropped two weeks prior to the final test. Please obtain a drop slip and have your instructor sign it if you intend to drop the course. **It is the student's responsibility to remove themselves from the class roster.** Incomplete grades will only be given if an emergency prevents completion of the course and advance arrangements are made with the instructor.

### Student Complaint Procedure: Student Complaint Process

If you have college-related concerns or problems, either academic or nonacademic in nature, or have complaints or disputes involving college policies, services, employees, or other students, you are encouraged to utilize the services of the Office of Student Life. This office provides assistance and guidance in resolving issues that are pertinent to you. For assistance, call:

- Milwaukee Campus - 414-297-6229
- North Campus - 262-238-2218
- South Campus - 414-571-4715
- West Campus - 414-456-5304

### **Student Code of Conduct**

MATC may impose disciplinary sanctions for violations of the Student Code of Conduct. Violations may include, but are not limited to, the following situations, as may be required, consistent with MATC's mission:

- Conduct that damages or destroys college property, or attempts to damage or destroy college property
- Failure to comply with federal, state, county, and municipal laws or ordinances while participating in MATC activities or while present on MATC property
- Conduct that obstructs or impairs, or attempts to obstruct or impair, MATC's authorized activities, whether inside or outside a classroom, office, lecture hall, library, laboratory, auditorium, student center, or other place where an MATC-authorized activity is being held
- Conduct that endangers the safety or welfare of students, instructors, administrators, staff, or visitors
- Unauthorized possession of college property or property of another member of the college community
- Making a false statement, either verbally or in writing, to any MATC employee or agent on an MATC-related matter
- Conduct that engages in racial, religious, national origin, age, sexual, or handicap harassment
- Acts of academic dishonesty

Students judged to have violated the Student Code of Conduct are subject to disciplinary action, including suspension, probation, or possible termination in accordance with prescribed due process procedures described in the Student Code of Conduct booklet provided by the Office of Student Life at any campus. The Student Code of Conduct is the definitive document on student conduct and the judicial system. For more information, call 414-297-7859.

### **Academic Dishonesty**

Academic dishonesty includes, but is not limited to, cheating, collaborating with another without the approval of the instructor, plagiarizing, stealing the work of another, falsifying records of work, and assisting another student in any of the above. Academic dishonesty is a violation of the Student Code of Conduct.

If an instructor believes that an act of academic dishonesty may have occurred, he or she should meet with the student to discuss the alleged conduct (if possible). If the instructor determines that an act of academic dishonesty did occur, the instructor may choose one of the following responses:

- warn the student of unacceptable behavior,

- reprimand the student, and issue an alternative assignment/test,
- reduce the grade for the project or examination,
- remove the student from the course and submit a Withdrawal (W), or
- assign a failing grade for the course.

The instructor should notify the student in writing of the chosen response and convey a copy to the director of Student Life. An academic response may be taken by the instructor, the academic dean, the director of Student Life, the Disciplinary Appeals Committee, and/or any other appropriate official of MATC.

You, as a student, may appeal the decision of academic dishonesty to the Disciplinary Appeals Committee. This appeal must be submitted in writing to the chairperson (director of Student Life) of the Disciplinary Appeals Committee within ten (10) days of the service of the decision notice. Refer to the Student Code of Conduct booklet, available from the Office of Student Life (located at each campus), for further details concerning violations of the Student Code of Conduct and the appellate process. The Student Code of Conduct is the definitive document on student conduct (including academic dishonesty) and the judicial system at any campus. For more information, call 414-297-7859.