

**UNIVERSITY OF WYOMING**  
**GEOL3650**  
**Energy for Society: Addressing the Energy Grand Challenge**  
**Spring, 2019: January 28 – May 10, 2019**  
**Lecture: MWF 9:00-9:50 am, EIC 201**  
**Lab: Tuesday: 3:10-5:00 pm, ESB 1004**  
**Wednesday, 1:10-3:00 pm, ESB 1004**  
**Thursday: 3:10-5:00 pm, ESB 1004**  
(no lab the first week of classes)

**Instructor contact information:** James D. Myers; office: ESB 3030; phone: 307-223-2301; email: [magma@uwyo.edu](mailto:magma@uwyo.edu)

**Office hours:** MW 8:00-8:50 am or by appointment

**Course prerequisites, co-requisites, enrollment restrictions:** None

**Course Description:** Examines the energy needs of modern industrialized societies. Introduces the different forms of energy and the natural laws that govern their use, transformation, and conservation. The different primary energy sources (PES) fundamental to the functioning of modern societies are investigated. PESs addressed include the fossil fuels and uranium as well as alternative and renewable energy sources. The STEM fundamentals of each PESs, how they are extracted/exploited, as well as attendant environmental, social, political, and cultural impacts associated with their extraction, use, and waste disposal are discussed.

**Student Learning Outcomes:** This course fulfills the Physical & Natural World (PN) requirement of the 2015 University Studies Program. PN courses help students understand the fundamental concepts of scientific and quantitative inquiry and develop the ability to understand the relevance of scientific, technological, and quantitative skills to contemporary society. Physical & Natural World courses also develop and promote critical and creative thinking skills through active learning, inquiry of pressing issues, and individual and collaborative processing of ideas.

- Physical and Natural World (PN)
  - Understand the principles of the scientific method.
  - Use scientific and quantitative logic to examine contemporary problems.
  - Use quantitative data analysis as the basis for making critical judgments and drawing conclusions.
  - Examine the impact of technology on science and society.
- Critical & Creative Thinking (CCT)
  - Access diverse information through focused research, active discussion, and collaboration with peers.
  - Separate facts from inferences and relevant from irrelevant information and explain the limitations of information.
  - Evaluate the credibility, accuracy, and reliability of conclusions drawn from information.
  - Recognize and synthesize multiple perspectives to develop innovative viewpoints.

- Communicate ideas in writing using appropriate documentation.
- Energy for Society specific learning outcomes
  - Understand the difference between models and the real world.

**Required texts, readings, and special tools or materials:** none

**General requirements and expectations for the course:** You must submit all required assignments on time. Please complete all parts of an assignment to the best of your ability. If you are having problems with a particular task, please contact your TA or instructor for assistance. If you submit an incomplete assignment, you will receive credit only for the portion of your submitted work that is correct. Although not ideal, you are better off turning in an incomplete assignment than not turning in anything. When in class, it is expected that you will contribute to class discussions and respond if called on. Appropriate civil and professional behavior is expected of you when attending scheduled class sessions and interacting with your instructors and peers.

**Required examinations, assignments, activities, and projects:** This course consists of both lecture and lab. Each class component has a set of learning activities associated with it. Lecture has weekly reading questionnaires, unannounced lecture worksheets, and exams. The lecture worksheets that will be completed during lecture and points awarded for completion.

The tentative lecture schedule for Spring, 2019 is shown in the table below.

Week of	Lecture Topic
28-Jan-18	Historical Perspective: Energy & Society, Energy Use, Energy Overview, Future Energy Needs
4-Feb-18	Critical Concepts: Grand Challenges, wicked problems, resource curse, common pool resources, externalities, grand challenge literacy, literacies
11-Feb-18	Energy Concepts: Energy Stocks & Flows, Energy Infrastructure, Energy Source to Energy Service [(ES) <sup>2</sup> ] Pathways, Energy Return on Investment (EROI), Energy Storage
18-Feb-18	Energy Science: What is it?, language, forms, transfer & transformation, thermodynamics (heat & work, laws, exergy, heat engines & prime movers)
25-Feb-18	Fossil Fuels: Introduction, Production
04-Mar-18	Transportation: Introduction, Liquid Fuels, Petroleum, Peak Oil
11-Mar-18	Transportation: Petroleum Substitutes I (Shale Oil, Bitumen Sands, Kerogen Shale, Heavy Oils)
18-Mar-18	Spring Break
25-Mar-18	Transportation: Petroleum Substitutes II (Biofuels, Electric Vehicles)
01-Apr-18	Electricity: Introduction, Electricity Science, Electrical Grid, Generation
08-Apr-18	Electricity: Fossil Fuels (Coal, Natural Gas, Shale Gas, Coalbed Natural Gas)
15-Apr-18	Electricity: Nuclear Power (Nuclear Physics, U-Pu Fuel Cycle, Th-U-Pu Fuel Cycle)
22-Apr-18	Electricity: Alternative Energy (Hydroelectric Power, Geothermal)
29-Apr-18	Electricity: Renewable Energy (Wind, Solar, Biomass, Tidal, Wave)
6-May-18	The Future of Energy

***This lecture schedule reflects what is planned at the beginning of the semester. It will probably change as the semester progresses. The most current lecture schedule can be found on WyoCourses on the Modules page.*** Each week there will be a weekly lecture reading questionnaire due every Friday. Each questionnaire covers a chapter in the textbook and usually consists of ten questions. The questionnaire is due by midnight on the due date. Questionnaires must be submitted

via WyoCourses. They are graded automatically so pay attention to spelling. You will have two attempts to complete a questionnaire. The system will save the attempt with the highest score. After your second attempt, you can no longer change your answers to the questionnaire, although you can view your answers and the correct answers after the final due date.

In lab, you will apply the content knowledge you are introduced to in lecture to real world. The table below shows the tentative lab schedule for Spring, 2019.

Week of	Lab Topic	activity type
28-Jan-19	no lab: first week of classes	
04-Feb-19	Population: Understanding Population Growth Quantitatively	lab exercises
11-Feb-19	Maps: Representing Spatial Data: Topographic Maps	lab exercises
18-Feb-19	Visualizing the Earth: I. Geologic Maps	lab exercises
25-Feb-19	Visualizing the Earth: II. Thinking in Three Dimensions	lab exercises
<i>Case Study: Petroleum: Saudi Arabia, OPEC &amp; Oil</i>		
04-Mar-19	I. Tapping the Largest Oil Fields	written report oral presentation
11-Mar-19	II. Estimating the Economic Value of an Oil Play	written report oral presentation
18-Mar-19	<i>Spring Break</i>	
25-Mar-19	III. International Oil Politics: OPEC Production and Member Production Quotas	written report oral presentation
<i>Case Study: Coal: China, Energy and Climate Change</i>		
01-Apr-19	I. Evaluating Potential Coal Leases for Mining	written report oral presentation
08-Apr-19	II. Coal Power Plants - Maintain, Retrofit or Replace?	written report
15-Apr-19	III. Negotiating the Laramie Protocol: Preparation	written report
22-Apr-19	IV. Negotiating the Laramie Protocol: Meeting	written report
<i>Case Study: Nuclear Energy: Power, Weapons &amp; Iran</i>		
29-Apr-19	I. Designing a Uranium Mine	written report oral presentation
06-May-19	II. Starting a National Nuclear Power Program	written report

***This lab schedule reflects what is planned at the beginning of the semester. It will probably change as the semester progresses. The most current lab schedule can be found on WyoCourses.*** All students must participate in lab and complete the assigned work. Unlike for lecture, lab attendance is mandatory. You must receive a passing lab grade to pass the course. The lab syllabus, which you will receive the first week of lab, more fully describes how the lab will work. Missed work can only be made up if you have an official University excuse for missing lab or have obtained permission from your lab TA **before** you miss lab. Any late work must be made up within one week of its due date (see lab syllabus for additional details). There is no lab final.

Each week there will be a weekly lab reading questionnaire due the day before your lab session. Each questionnaire covers an assigned reading and typically consists of ten questions. The questionnaire is due by midnight on the due date. Questionnaires must be submitted via WyoCourses. They are graded automatically so pay attention to spelling. You will have two attempts to complete a questionnaire. The system will save the attempt with the highest score. After your second attempt, you can no longer change your answers to the questionnaire although you can view your answers and the correct answers after the final due date. The lab reading questionnaires cover the material you will be working on in lab that week. Unlike typical labs, your

TA will not be providing an introduction to the background for the lab exercises. Thus, it is important to do the lab reading so you are prepared for lab.

There will be a weekly lab quiz that covers the material from the previous week’s lab. These quizzes are taken online in the lab classroom. The quizzes will be available ten minutes before the beginning of the official lab class period and until 10 minutes after class starts. Thus, if you have a 1:10 pm lab, you can take the quiz on one of the lab computers between 1:00 and 1:20 pm. The quizzes are timed so you must complete them in ten minutes. ***If you come to lab too late, you may not have sufficient time to complete the quiz.***

**Final Examination or Final Project Date:** There will be a comprehensive, closed book, closed note final exam on the date set by the Office of the Registrar. Currently, this final is scheduled for Friday, May 17 from 8:00 am to 10:00 pm in EIC 201. This exam will be comprehensive and have approximately twice the number of questions as one of the hourly lecture exams. The use of supplemental material during the final exam is prohibited. During the final exam, please turn off and put away all electronic devices. Electronic dictionaries are not allowed, however international students may ask for clarification of English terms during an exam. Past final exams and their keys are posted on WyoCourses on the *Past Lecture Exams* page. Because course content evolves and changes from semester to semester, it is your responsibility to check diagrams and answers on past final exam keys for consistency with this semester’s course content. Checking past final exams against current course content also provides a useful learning and study tool. The time of the final exam is established by the Office of the Registrar ([http://www.uwyo.edu/registrar/class\\_schedules/spring2019/sp19finals.pdf](http://www.uwyo.edu/registrar/class_schedules/spring2019/sp19finals.pdf)). Unless prior arrangements have been made, you must take the final exam on the day and at the time scheduled by the Registrar. Students who have two exams at the same time or more than two exams in one day and wish to ask for an exception must complete the Final Exam Conflict online form available from the Office of the Registrar ([http://www.uwyo.edu/registrar/students/forms\\_and\\_petitions.html](http://www.uwyo.edu/registrar/students/forms_and_petitions.html)). Per University regulations, this form must be submitted no later than two weeks prior to the end of final exam week. Requests submitted after this date are left to the discretion of the instructor as to whether or not they will be accommodated. ***If you cannot make the scheduled time of the final exam, you need to drop this course immediately.***

**Grading Scale and Grading Policies:** Your grade will be based on a total of 1245 points that are divided between lecture worksheets, three lecture exams, a final lecture exam, lecture and lab reading questionnaires, lab quizzes, and lab exercises. The large number and variety of graded activities should ensure that if you do poorly on one type of graded task, e.g. exams, your final grade need not be adversely impacted if you perform well on other tasks. The 2019 grading scheme for GEOL3400 is summarized below:

<i>activity</i>	<i>number of points</i>	<i>percentage of final grade</i>
lecture reading questionnaires (14 @ 10 pts/ea)	140	11
lecture worksheets (10 @ 10 pts/ea)	110	8
lecture exams (3 @ 100 pts/ea)	300	24
lab (see breakdown below)	495	40
final exam	200	16
Total Points	1245	100

Three hundred points of your final grade will be from lecture exams. Currently, the exams are scheduled for: Exam I: Wednesday, February 20, 9:00 am, EIC 201; Exam II: Wednesday, April 3, 9:00 am, EIC 201; and Exam III: Wednesday, May 8, 9:00 am, EIC 201. [**Note: Lecture Exam III is scheduled during the last week of classes.**] Each exam will be worth 100 points. They will cover the material presented in lecture and any assigned readings for lecture but not material covered in lab. To assist you in studying, particularly important slides in lecture PowerPoints are marked with the 'Critical Content Heads-up' icon. You must obtain prior permission to take an exam at any time other than those listed above. If you skip an exam, you fail it with a zero. The use of supplemental material during exams, unless specifically approved during the exam session, is prohibited. During exams, please turn off and put away all electronic devices. Electronic dictionaries are not allowed, however international students may ask for clarification of English terms during an exam. Past lecture exams and their keys are posted on WyoCourses on the *Past Lecture Exams* page. To prepare for exams, study the old exams. To accommodate changes from one semester to another in timing of topics and content, questions on exams are grouped by topic. Study only those topics we have covered this semester. Because course content evolves and changes from semester to semester, it is your responsibility to check diagrams and answers on past lecture exam keys for consistency with this semester's course content. Checking past exams against current course content also provides a useful learning and study tool.

Lab will make up the final 495 points (40%) of your course grade. The breakdown for the various lab activities and their points are:

Lab activity	value	#	total points	% of lab grade
lab reading questionnaires	10	13	130	26
lab exercises	25	4	100	20
lab quizzes	10	4	40	8
lab written reports	15	5	75	15
	25	4	100	20
lab oral presentations	10	5	50	10
<b>Total Points</b>			<b>495</b>	<b>100</b>

There will be no grading curve for this course. Final grades will be assigned according to the following grading scheme:

Grade	Percentage cut-off	Point cut-off
A	≥90	1120.5
B	≥80	966.0
C	≥70	871.5
D	≥60	747.0
F	<60	747.0

When calculating final grades, WyoCourses carries the calculation out to one decimal place. For uniformity reasons, I will be using this scheme for assigning final grades. Therefore, what you see as your final grade in WyoCourses at the end of the semester is the grade you earn for the course. **I will not be rounding the final percentages displayed in WyoCourses to zero decimal places.** If you are on the border of a grade division, do not contact me requesting some extra credit work to improve your grade. The time to ensure yourself a good final grade is during the semester by submitting all assigned work and completing any extra credit opportunities provided.

***This grading scheme reflects what is planned at the beginning of the semester. It will probably change as the semester progresses. The most current versions of the grading scheme can be found on the WyoCourses class web site.***

**Attendance and Absence policies:** Although attendance is strongly correlated with success in any class, lecture attendance is not mandatory and will not be monitored since you are no longer in high school. Some topics not covered in the readings will be presented in lecture and there are lecture activities that are graded and part of your final grade. Missed graded lecture activities can be made up only if you have a University excused absence or have made arrangements with the instructor prior to your absence. If you choose to not come to class on a day when a lecture activity is done and do not have a University excused absence or made prior arrangements with me, you will be assigned a zero for the activity missed. The material covered in lecture activities is fair game for exam questions. Unlike for lecture, attendance of lab is mandatory.

**Classroom Behavior Policy:** Learning is enhanced by a supportive and positive classroom environment. Such an environment is facilitated by civility, respectful discussion, active participation, timely completion of preparatory assignments, and dynamic engagement. At all times, treat your presence in the classroom and your enrollment in this course as you would a job. Act professionally, arrive on time, pay attention, complete your work in a timely and professional manner, treat all deadlines seriously, and consider in good conscience any feedback from your instructor. You will be respectful towards your classmates and instructor. Spirited debate and disagreement are to be expected in any classroom and all views will be heard fully, but at all times you must behave civilly and respectfully towards your peers and instructors. Personal attacks, offensive language, name-calling, and dismissive gestures are not warranted in a positive learning atmosphere and can be grounds for dismissal from a particular class or lab. During classroom discussion, show respect to your peers and instructor by not talking over someone who has been recognized and has the floor or by conducting disruptive side conversations with your neighbors. As the instructor, I have the right to dismiss you from the classroom, study sessions, electronic forums, and labs whenever your behavior is disruptive and impedes learning. Electronic devices such as mobile phones should be set to silent. Smartphones, laptops, and tablets are allowed, indeed encouraged, for note-taking purposes and information searches. No video or audio recording during class is allowed to protect the privacy of your fellow students.

**Classroom Statement on Diversity:** The University of Wyoming values an educational environment that is diverse, equitable, and inclusive. The diversity that students and faculty bring to class, including age, country of origin, culture, disability, economic class, ethnicity, gender identity, immigration status, linguistic, political affiliation, race, religion, sexual orientation, veteran status, worldview, and other social and cultural diversity is valued, respected, and considered a resource for learning.

**Disability Support:** The University of Wyoming is committed to providing equitable access to learning opportunities for all students. If you have a disability, including but not limited to physical, learning, sensory, or psychological, and would like to request accommodations in this course due to your disability, please register with and provide documentation of your disability as soon as possible to Disability Support Services (DSS), Room 128 Knight Hall. You may also contact DSS at (307) 766-3073 or [udss@uwyo.edu](mailto:udss@uwyo.edu). It is in your best interest to request accommodations within the first week of classes, understanding that accommodations are not retroactive. Visit the DSS website at [www.uwyo.edu/udss](http://www.uwyo.edu/udss) for more information.

**Academic Dishonesty Policies:** Academic dishonesty will not be tolerated in this class. Cases of academic dishonesty will be treated in accordance with UW Regulation 2-114 (see below). The penalties for academic dishonesty can include, at my discretion, an “F” on an exam, an “F” on the class component exercise, and/or an “F” in the entire course. Academic dishonesty means representing someone else’s ideas or work as your own without attribution. It is intellectual theft – stealing - and includes (but is not limited to) unapproved assistance on examinations, plagiarism (use of any amount of another person’s writings, blog posts, publications, and other materials without attributing that material to that person with citations), or fabrication of referenced information. ***Facilitation of another person’s academic dishonesty is also considered academic dishonesty and will be treated identically.***

**Duty to Report:** UW faculty are committed to supporting students and upholding the University’s non-discrimination policy. Under Title IX of the Code of Federal Regulations (CFR), discrimination based upon sex and gender is prohibited. If you experience an incident of sex- or gender-based discrimination, we encourage you to report it. While you may talk to a faculty member, understand that as a “Responsible Employee” of the University, the faculty member ***MUST*** report information you share about the incident to the university’s Title IX Coordinator (you may choose whether you or anyone involved is identified by name). For example, if you inform me of an issue of sexual harassment, sexual assault, or discrimination I will keep the information as private as I can, but I am required by federal law to bring it to the attention of the institution’s Title IX Coordinator. If you would like to talk to those offices directly, you can contact Equal Opportunity Report and Response (Bureau of Mines Room 319, 766-5200, [report-it@uwyo.edu](mailto:report-it@uwyo.edu), [www.uwyo.edu/reportit](http://www.uwyo.edu/reportit)). Additionally, you can also report incidents or complaints to the UW Police Department. You can also get support at the STOP Violence program ([stopviolence@uwyo.edu](mailto:stopviolence@uwyo.edu), [www.uwyo.edu/stop](http://www.uwyo.edu/stop), 766-3296) or SAFE Project ([www.safeproject.org](http://www.safeproject.org), [campus@safeproject.org](mailto:campus@safeproject.org), 766-3434, 24-Hour hotline: 745-3556).

If you would like to speak with someone who may be able to afford you privacy or confidentiality, there are people who can meet with you. Any faculty member can help direct you or you may find info about UW policy and resources at <http://www.uwyo.edu/reportit>

You do not have to go through the experience alone. Assistance and resources are available, and you are not required to make a formal complaint or participate in an investigation to access them.

**Substantive changes to syllabus:** The assignment deadlines and requirements as well as course structure outlined in this syllabus are simply a guide to what may happen during the semester. Circumstances may require that they be changed for a variety of pedagogical, administrative, and logistical reasons. Consequently, ***I reserve the right to make changes to any aspect of this syllabus as the course proceeds.*** If significant changes are necessary, you will be notified of these changes verbally in class, on the class’ WyoCourse Announcements page, and via email. You are required to check WyoCourses and your UW email at least once a week for any changes to the course.

**Daily or weekly schedule of topics, activities, and graded work:** The schedules for lecture topics, reading assignments, exams, lab quizzes, and lab exercises are available on WyoCourses. The most current schedules can always be found on the WyoCourses class web site.

### **Student Resources: Campus**

- **DISABILITY SUPPORT SERVICES:** [udss@uwyo.edu](mailto:udss@uwyo.edu), 766-3073, 128 Knight Hall, [www.uwyo.edu/udss](http://www.uwyo.edu/udss)
- **COUNSELING CENTER:** [uccstaff@uwyo.edu](mailto:uccstaff@uwyo.edu), 766-2187, 766-8989 (After hours), 341 Knight Hall, [www.uwyo.edu/ucc](http://www.uwyo.edu/ucc)

- *ACADEMIC AFFAIRS*: 766-4286, 312 Old Main, [www.uwyo.edu/acadaffairs](http://www.uwyo.edu/acadaffairs)
- *DEAN OF STUDENTS OFFICE*: [dos@uwyo.edu](mailto:dos@uwyo.edu), 766-3296, 128 Knight Hall, [www.uwyo.edu/dos](http://www.uwyo.edu/dos)
- *UW POLICE DEPARTMENT*: [uwpd@uwyo.edu](mailto:uwpd@uwyo.edu), 766-5179, 1426 E Flint St, [www.uwyo.edu/uwpd](http://www.uwyo.edu/uwpd)
- *STUDENT CODE OF CONDUCT WEBSITE*: [www.uwyo.edu/dos/conduct](http://www.uwyo.edu/dos/conduct)

### **Disclaimer**

*I reserve the right to make changes to any aspect of this syllabus as the course proceeds. If necessary, these changes will be announced in class. Substantive changes made to the syllabus shall be communicated to you verbally in class and in writing via WyoCourses.*



## General University Policies/Regulations

**Class Effort:** According to the UW catalog “Each credit hour unit requires an average of three hours of student effort per week”. Since this is a 3 credit course, you should expect to work a minimum of nine hours a week outside of class meetings. To get a good grade in the class, expect to work more than this. Also prepare for exams well in advance. Don’t start studying the night before and expect to earn a good grade on the exam.

**Final Examination Policy (UW Regulation 6-403):** The Registrar is authorized to schedule final examinations. With only the exceptions specifically designated below, exams will be given at the times thus designated and no other times. The examination schedule shall be published at least one month before the first day of final examinations. More information can be found at:

<http://www.uwyo.edu/generalcounsel/files/docs/uw-reg-6-403.pdf>

- No student shall be required to take more than two final examinations in any one day. Along with the specific final examination schedule, the Registrar shall indicate a system of priorities which will determine which course is expected to offer an examination at a different time for a student who is scheduled for more than two final examinations in one day or more than one at the same hour.
- To avoid excessive pressure on students during the week before final examinations, no examination or graded exercise should be given in the last week of classes unless it is essential for the effective functioning of the course. If an examination or graded exercise in the last week of classes is deemed essential, the instructor shall notify the students of it in a class syllabus distributed at the beginning of the course. **Notification: The third lecture exam for this course will be scheduled for the last week of classes.**
- Instructors are not obligated to give final examinations ahead of schedule to those students who, for legitimate reasons connected with official University activities, cannot take the final examination at the scheduled time. In such cases, students are entitled to receive a grade of "X", subject to the usual procedures and conditions of the grade of "X".
- More information: <http://www.uwyo.edu/generalcounsel/files/docs/uw-reg-6-403.pdf>.

### Student Absence Policy (UW Regulation 6-713)

- **Class Attendance:** Each student shall attend the lectures, recitations, and laboratories and participate in field work deemed necessary to fulfill adequately the academic requirements of each class. Each instructor, at the beginning of every semester, shall stipulate the attendance policy necessary for satisfactory completion of the course.
- **Authorized Absences:** For participation in a University-sponsored activity or for unusual circumstances, such as a personal hardship, an authorized absence may be issued to the student by the Dean of Student’s or the Dean’s authorized representative. If a student has been hospitalized, or if the student has been directed by the Student Health Service or the student’s private physician to stay at the student’s place of residence because of illness, the Health Service medical staff or the student’s private physician may issue a statement to the student giving the dates of the student’s confinement.
- **Recognition of Authorized Absences:** All instructors shall permit students who have official authorized absences to make up work without penalty in the classes missed. An authorized absence, however, merely gives the individual who missed the class an opportunity to make up the work and in no way excuses the student from the work required.
- More information: <http://www.uwyo.edu/generalcounsel/files/docs/uw-reg-6-713.pdf>.

### Academic Honesty (UW Regulation 6-802)

- All members of the University community are responsible for upholding the values of academic integrity. The faculty considers academic integrity a matter of common concern, not merely a private issue between instructor and student. Honesty in all academic endeavors is a component of academic integrity that is vital to the educational functions of the University. Whatever form academic dishonesty may take, the faculty considers it as establishing a student's failure to demonstrate the acquisition of knowledge and the failure to apply it to an academic endeavor. It is a student's responsibility to learn the standards of conduct for the performance of academic endeavors; it is an instructor or faculty member's responsibility to make reasonable effort to make known the standards of conduct for the performance of academic endeavors. Through an atmosphere of mutual respect we enhance the value of education and maintain high standards of academic excellence. Failure on the part of the student to observe and maintain standards of academic honesty, as hereafter defined or made known by an instructor responsible for a course or other academic endeavor, requires corrective action as hereafter authorized.
- **Academic Dishonesty:** An action attempted or performed that misrepresents one's involvement in an academic endeavor in any way, or assists another student in misrepresenting his or her involvement in an academic endeavor. Examples of academic dishonesty include, but are not limited to:
  - *Plagiarism:* presenting the work (i.e., ideas, data, creations) of another, wholly or in part, as one's own work without customary and proper acknowledgement of sources and extent of use, unless authorized by the instructor.
  - *Cheating:* using information, study aids, notes, materials, devices, or collaboration not explicitly approved by the instructor. For example: doing a class assignment for someone else or allowing someone to copy one's assignment; copying from, or assisting, another student during an examination; or stealing, or otherwise improperly obtaining, copies of an examination before or after its administration.
  - *Fraud:* altering or inventing data, research, or citations for an academic endeavor; fabricating, forging or otherwise misrepresenting to an instructor or an institution one's past or current academic or professional activities; impersonating someone or allowing oneself to be impersonated for an examination or other academic endeavor; using a ghost writer, commercial or otherwise, for any type of assignment.
  - *Violation of Standards:* violations against ethical and professional standards required by individual University programs, academic courses, and clinical programs that may result in qualification for entry into a profession that maintains standards of conduct.
  - *Multiple Submissions:* submitting, wholly or in part, the same academic endeavor to earn credit in two or more courses without explicit approval by all concerned instructors.
  - *Interference or Obstruction:* interfering with academic efforts of other students to gain unfair advantage for personal academic advancement. Interference may include but is not limited to, sabotage, harassment, tampering, bribery, or intimidation of another student.
  - *Complicity:* assisting another person in any act of academic dishonesty as defined above.
- **Academic Endeavor:** Any student activity undertaken to earn University credit or meet some other University program requirement. Examples of academic endeavors include, but are not limited to:
  - Course assignments (written and/or oral, projects, research, exhibitions of work)
  - Exams (written and/or oral, quizzes)
  - Clinical assignments (internships, rotations, practical)
  - Presentations (on and off campus)
  - Publications
  - Independent study coursework

- Plan B papers or projects, theses, dissertations
- Student media associated with academic credit
- More information: <http://www.uwyo.edu/generalcounsel/files/docs/uw-reg-6-802.pdf>.

### **Assignment and Removal of the Grade of I (incomplete) (UW Regulation 6-720)**

- A grade of I (incomplete) is a temporary grade assigned in those rare instances when no other grade will ensure justice to the student. An "I" given by the instructor should be accompanied by a written authorization setting forth:
  - the reason the course cannot reasonably be completed on time,
  - the tasks which must be performed to complete the course,
  - the date upon which the final grade will be received by the Office of the Registrar and which normally may not exceed 120 days beyond the end of the semester in which the "I" is given, and
  - the name of a substitute faculty member, if the instructor does not expect to be available to supervise completion of the course.
  - This information will be forwarded to the student and copies should be retained by the student, instructor, and a substitute faculty member.
- The Dean of Students is authorized to petition for an "I" in the name of a student who has been incapacitated. If a student has suffered a severe medical, emotional, or personal problem, the 120-day limit for completing the course may be extended with the approval of the instructor and the Dean of Students.
- In certain research courses designated to the Registrar by the Dean of the College, the date of submitting the final grade for the course may be set to exceed the 120-day limit at the discretion of the instructor.
- If the final grade for the course is not received by the Registrar by the date in the authorization:
  - the "I" will revert to an "F" for a student who has not graduated in the interim, and
  - the "I" will stand permanently for a student who has graduated in the interim.
- More information:  
<http://www.uwyo.edu/generalcounsel/files/docs/uw%20reg%20updates%202015/uw%20reg%206-720.pdf>