

GIS (Geographic Information Systems)

Teacher:
Room:
Phone:
Email:

Course Description:

GIS (Global Information Systems) This course is designed to introduce students to various GIS technologies, make them aware of career opportunities in this field and to provide them with the skills necessary to pursue further study and employment in the areas of development and utilization of GIS. With these goals in mind, students will use computer applications such as Google Earth and ArcGIS software to complete modules, designed to help them understand, analyze and interpret information from GIS maps. These are the tools being used at NASA, the United States Geological Survey, the National Oceanic and Atmospheric Administration, the Environmental Protection Agency, and many other governmental agencies and business.¹ Furthermore, this course will abet the development of the students for problem solving, data analysis, interpretation of spatial relationships as well as, give the students more empathy for the geography of their surroundings and, perhaps, for aspects of globalization.

Standards & Objectives

This course is an elective course which meets the requirements of an elective course to meet the graduation requirement of Penn High School

This course addresses competencies within the ...

Textbook: The textbook for this course will be provided by the teacher.

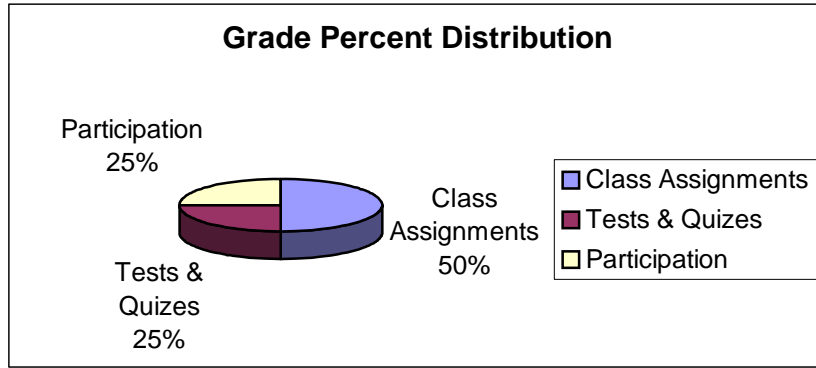
Mapping Our World Using GIS
Analyzing Our World Using GIS

Class Assignments:

Academic Grading Policy:

Class Participation grades

- The following percentages are used in the course after totaling all points for assignments.



CLASSROOM EXPECTATIONS:

<i>Grade Point Assignment by %</i>			
<i>A</i>	<i>92-100</i>	<i>C</i>	<i>72-77</i>
<i>A-</i>	<i>90-91</i>	<i>C-</i>	<i>70-71</i>
<i>B+</i>	<i>88-89</i>	<i>D+</i>	<i>68-69</i>
<i>B</i>	<i>82-87</i>	<i>D</i>	<i>62-67</i>
<i>B-</i>	<i>80-81</i>	<i>D-</i>	<i>50-51</i>
<i>C+</i>	<i>78-79</i>	<i>F</i>	<i>0-49</i>

General: Students are expected to act in ways that enhance the learning culture of our school. Respect for individuals and property is essential for all students to succeed and for everyone to get along.

Academic Honesty: Students are responsible for knowing and following the school's policies on academic honesty and test avoidance, as explained in the Student Handbook. The school's academic honesty policy will be enforced. If you are caught cheating on any work, you will receive a 0 for that work. Keep in mind that academic dishonesty is grounds for expulsion in college.

Homework: It is anticipated that there will be no homework for this class. Projects may be worked on at home, but there will be time for completing all assignments in class.

Notebook: You will be expected to maintain a notebook with your notes and assignments. I recommend that you keep all assignments returned to you either in your notebook or in a safe place at home.

Materials: You will be expected to bring a notebook, paper, and pen or pencil to class every day. The textbook that has been assigned to you is for use in class, and may not be removed from class. It is highly recommended that you have a USB flash drive for storing personal files.

Computer Use: Computer use in an academic environment is a privilege, not a right. You will be expected to adhere to all parts of the Network Responsibility Contract. No software may be installed on any computer without the specific permission of the teacher. No software or computer setting may be altered or deleted. Hardware may not be damaged in any way. Violation of these rules will result in the removal of computer privileges, and consequently the failing of the course and not completing the graduation requirement. Computer activity is monitored, all activity can be viewed by the teacher, nothing done on the computers in this classroom should be considered private.

GIS & Global Technologies

Student Information Sheet & Network Responsibility Contract

Please read the GIS & Global Technologies course syllabus and “Network Use Guidelines” for Penn High School before signing this document. This is a contract and must be signed before you will be given access to school computer system.

I understand and will abide by the above Class rules and terms and conditions for access to school computer system, and/or the Internet. I have read, understand, and agree to follow the class rules as described in the class syllabus and policies. I further agree to follow all other written and verbal instructions in class and on field trips.

I understand that I am financially responsible for all equipment that I am using in class or which is checked out to me.

I understand that the signatures at the end of this document are binding and indicate the parties who signed have read the terms and conditions carefully and understand their significance.

I further understand that any violation of these regulations is unethical and some actions could constitute a criminal offense. Should I commit any violation, my access privileges will be revoked, school disciplinary action will be taken against me, and appropriate legal action will be considered.

Student Name (please print): _____

Student ID Number _____

Mailing Address _____

Email _____

Cell Phone # _____

Home Phone # _____ Grade _____

Medical conditions that might affect you in class: _____

Student Signature _____ Date _____

Over for Parent/Guardian Network Responsibility Contract

GIS & Global Technologies

Parent/Guardian Information Sheet & Network Responsibility Contract

Student Name _____

As the parent/guardian of this student, I have read the terms and conditions outlined in the GIS & Global Technologies Course syllabus and Penn High School "Network Use Guidelines."

I understand that this access is designed for educational purposes and Penn High School has taken precautions to eliminate controversial materials. However, I also recognize it is impossible for Penn High School to restrict access to all controversial materials, and I will not hold the district or staff responsible for materials acquired on the network.

If this student has access to the Internet in a setting other than school, I acknowledge that the school district is not responsible for any material the student may access.

I hereby give my permission for the student named above to have access to school computer system and the Internet.

I understand that the grades of this student may be posted on the internet.

I understand that I am financially responsible for all equipment that this student is using in class or which is checked out to them.

I hereby give my permission for the name, picture, video and/or work of the student named above to be published in school documents, school related publicity and on the Internet.

I understand that the signatures at the end of this document are binding and indicate the parties who signed have read the terms and conditions carefully and understand their significance.

Parent Information:

Please complete for parents or guardians that the student lives with:

Name _____

Email _____

Employer _____ Work Phone _____

Name _____

Email _____

Employer _____ Work Phone _____

Signature _____
