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**Integrated Science & Technology 120**Connections 1 - CT   
Course Syllabus

**Spring 2015  
MWF 11:00 – 11:50  
Morrow Library 119**

**Instructor** – John Sammons  
**Office** – Prichard Hall 208  
**Office Phone** – 304-696-7241  
**eMail Address** – john.sammons@marshall.edu

**Office Hours:**

Monday 9:00am – 10:00am

Tuesday 9:00am – 10:00am

Wednesday 9:00am – 10:00am

Thursday 9:00am – 10:00am

Friday 9:00am – 10:00am

**Textbook**

# *None*

**Course Description**

“A Critical Thinking course that makes connections among science, technology, and society. Students learn to do research, summarize popular and scientific articles, and design an experimental or observational study.”

**Credit**  
The course is three (3) credit hours and CT.

**Course Learning Objectives**

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| **Course Student  Learning Outcomes** | **How students will practice each outcome in this Course** | **How student achievement of each outcome will be assessed in this Course** |
| Students will scientifically **analyze** data, **evaluate** and incorporate relevant research, and **describe** potential implications. | PowerPoint/Prezi development, peer & instructor review, journal assignments | Project, Presentations, Quiz questions, concept maps |
| Students will effectively **communicate** in relating findings and recommendations resulting from projects. | Case studies and practical exercises, journal assignments, Quizlets | Project, Presentations, Quiz questions, concept map |
| Students will **demonstrate** their ability to communicate effectively both orally and in writing. | PowerPoint/Prezi development, peer & instructor review, journal assignments, Quizlets | Project, Presentations, Quiz questions, concept map |
| Students will **define** and **apply** the principles of visual and information literacy | PowerPoint/Prezi development, projects, journals, concept maps | Project, quizzes |

**Blackboard** – Unless otherwise stated, ALL assignments must be submitted on time through Bb. It’s your responsibility to know how to do this. Late work will not be accepted without a verified or university approved excuse. Should you have some issue that prohibits you from doing meeting the deadline, you should email the assignment to me via my MU email account. This should be before the due date as well. If not, it will not be accepted. You should collect proof that supports your reason for the work being late. Work that is not in Bb will likely not be graded.

**Grade Appeals** – Should you feel an assignment/test question was graded in error, you may appeal. However, your appeal MUST FOLLOW THIS PROCEDURE and FORMAT. You will submit the appeal through Bb email only. Appeals sent elsewhere will not receive a response. The subject line MUST say this “APPEAL – Test/Assignment Name.” In the body of the email list the entire question, your answer, and why you think you deserve credit.

**Instruction Method**  
  
There will be 3 contact hours of classroom instruction per week. Coursework will include classroom lectures, a learning journal, quizzes, projects, etc. You are expected to take an active role in your learning. Discussions and writing assignments play significant roles in the conduct of the course.

This course will be taught using active learning methodologies. This means that lectures, as a delivery method will be limited.

**Evaluation method**  
Course grades will be based on a total points system. Your grade will be based on a percentage of the total points possible.

**Course Point Distribution**

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| --- | --- |
| **Assignment/Assessment** | **Points Possible** |
| Project | 200 (Approx. Subject to change based on progress) |
| Assignments | 100 (Approx. Subject to change based on progress) |
| Project Journals | 100 (Approx. Subject to change based on progress) |
| Learning Journals | 330 (Approx. Subject to change based on progress) |
| Quizzes | 100 (Approx. Subject to change based on progress) |
| Peer Assessment | 100 (Approx. Subject to change based on progress) |
| **Total** | **930** (Approx. Subject to change based on progress) |

Final letter grades are determined based on the following grading scale:

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| --- | --- |
| 90-100% | A |
| 80-89% | B |
| 70-79% | C |
| 60-69% | D |
| 0 – 59% | F |

The instructor reserves the right to change these values depending on the overall class performance and/or extenuating circumstances.  Please note that your final grade will be calculated by hand, NOT from the totals/weights that you may see on Bb. Grades will be posted as quickly as possible into Bb. However, please keep in mind that those times will vary.

**Policy Statement***My Academic Dishonesty Policy*

Academic Dishonesty is defined as any act of a dishonorable nature which gives the student engaged in it an unfair advantage over others engaged in the same or similar course of study and which, if known to the classroom instructor in such course of study, would be prohibited. Academic Dishonesty will not be tolerated as these actions are fundamentally opposed to "assuring the integrity of the curriculum through the maintenance of rigorous standards and high expectations for student learning and performance" as described in Marshall University's Statement of Philosophy.

By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy be going to [www.marshall.edu/academic-affairs](http://www.marshall.edu/academic-affairs) and clicking on “Marshall University Policies.” Or, you can access the policies directly by going to <http://www.marshall.edu/academic-affairs/?page_id=802>

Academic Dishonesty/ Excused Absence Policy for Undergraduates/ Computing Services Acceptable Use/ Inclement Weather/ Dead Week/ Students with Disabilities/ Academic Forgiveness/ Academic Probation and Suspension/ Academic Rights and Responsibilities of Students/ Affirmative Action/ Sexual Harassment

In this course, STUDENTS ARE NOT TO “COPY & PASTE” MATERIAL FROM A SOURCE INTO ANY ASSIGNMENT UNLESS SPECIFICALLY AUTHORIZED BY THE INSTRUCTOR.

If you are found cheating on projects or plagiarizing answers from the Internet or other sources (among other things), there will be no second chance. Your penalty is that you will receive a failing grade for the course. In those cases in which the offense is particularly flagrant or where there are other aggravating circumstances, additional, non-academic, sanctions may be pursued through the Office of Judicial Affairs. Notice of an act of academic dishonesty will be reported to the Department Chair, Dean of the College of Science, and to the Office of Academic Affairs. Please refer to the Marshall University Undergraduate Catalog for a full definition of academic dishonesty.

*Assignments:* The course includes a number of writing assignments. All assignments are due **BY THE BEGINNING OF CLASS** on their due date. **NO LATE ASSIGNMENTS WILL BE ACCEPTED**.  There are VERY specific cutoff dates/times for submission. Please do not procrastinate. If you wait until the last night to start a writing assignment, chances are, you will fail. All (or the majority of) assignments MUST be submitted through Bb. Should some technical issue arise that makes this impossible, the instructors University email address will serve as the secondary means of submission. Bb email is the last method of submission. Should submission prove to be impossible, students are expected to leave a voice mail on the Instructors office phone. In ALL instances any email or voicemail MUST have a date/time stamp that is BEFORE the due date/time of the assignment. Submissions that do not will be rejected.

File Names: All electronic submissions must follow this file naming convention:  
IST120\_Last Name\_First Initial\_Assignment Name.doc (“ist120\_sammons\_j\_researchpaper.doc”)

*Make-up Quizzes/Assignments and Late Penalty:* Make‑up exams will not be given except under unusual circumstances and satisfactory written justification. Any student who misses a quiz/assignment due to an unexcused absence will receive a grade of zero with no opportunity for make-up or substitution. Only University excused absences or those occurring with a good reason (and that reason must be given prior to missing the quiz/assignment) will be accepted.

**Attendance Statement**  
Attendance is very important in this course. If you miss class, it is your responsibility to catch up on material missed, and it will not be the responsibility of the instructor to catch you up on material missed during office hours, or re-lecture to you.  Throughout the semester, there will be in-class assignments that are done for a grade. Those assignments cannot be made up without a university excused absence. I expect you to be on time for class. Much of this course involves group work. Attendance for group sessions in class are MANDATORY.

Class will start promptly at the designated time. Plan accordingly. Habitual tardiness will not be tolerated and will be addressed by the instructor. I understand things happen, but “things” don’t happen on a regular basis.

**Class Cancellation**  
  
There may come a time during the semester when class could be cancelled (illness, weather, etc). Should that occur, I will notify everyone through their official university email as well as post an announcement on Bb. You are responsible for checking these early and often to ensure that class will be held as scheduled. Should there be some technological issue that prevents me from doing that, a sign should be posted on the classroom door.

**Professionalism**In this course you will be treated as professionals and will be expected to behave and perform as such. As professionals, you will be expected to attend class, be on time, complete all of your assignments, meet deadlines, ask questions when you don’t understand, and participate. Participating in class means that you are not on your cell phone or surfing the Internet. If you can’t be in class, I expect you to let me know ahead of time. Your classroom language and demeanor should also be professional all times. Written communication with me must also be professional. You are expected to follow the guidelines in the “How to Email My Professor” article.  
  
  
**University Holidays & Key Dates**

**January 19, Monday**  
Martin Luther King, Jr. Day – University closed

**March 3 (week of)**Midterms

**November 24, Saturday – November 29, Friday**Thanksgiving/Fall Break – Classes Dismissed

**March 16 (Monday) – March 21 (Saturday)**Spring Break – University Closed

**March 23, Monday**  
Classes Resume

**April 27 (Monday) – May 1, Friday  
“Dead Week”**

**May 1, Friday  
Last Class Day**

**May 4 (Monday) – May 8 (Friday)  
Final Exams**

**Expectations**

1. Work/Think Hard  
2. Participate  
3. Act with Integrity  
4. Embrace the Challenges  
5. Tell Me if You Have a Problem  
6. Own Your Mistakes and Shortcomings  
7. Help Your Fellow Students  
8. Be Willing to Work Outside Your Comfort Zone  
9. Have FUN!  
10. Treat Everyone with Respect  
11. Read the Syllabus  
12. Check Bb and Your Email Very Often  
13. Check Bb for Due Dates and Assignment Specifics  
14. Read All of the Assigned Materials

**Technical Competencies**

Students are expected to be proficient working with Microsoft Office products or their equivalent. Students are also expected to be proficient using the Blackboard system (submitting assignments, navigating the class space, taking tests, etc).  **Topics and Methodology**  
The following outline delineates the tentative class schedule with topics to be addressed during the course.   
It could vary based on class progress and performance.

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| **Week** | **Dates** | **Lecture Topics** | **Reading** |
| 1 | Jan 12-16 | Intro | TBD |
| 2 | Jan 19-23 | Visual Literacy | TBD |
| 3 | Jan 26-30 | Visual LIteracy | TBD |
| 4 | Feb 2-6 | Critical Thinking | TBD |
| 5 | Feb 9-13 | Critical Thinking/Information Literacy | TBD |
| 6 | Information Literacy | Information Literacy | TBD |
| 7 | Feb 23-27 | Design Thinking | TBD |
| 8 | March 2-6 | Intro HCD/Create | TBD |
| 9 | March 9-13 | Create | TBD |
| 10 | March 16-20 | Spring Break | TBD |
| 11 | March 23-27 | Create | TBD |
| 12 | March 30-April 3 | Create | TBD |
| 13 | April 6-10 | Create | TBD |
| 14 | April 13-17 | Deliver | TBD |
| 15 | April 20-24 | Deliver | TBD |

**Major Due Dates**

Final Projects/Peer Reviews – April 13, 2015  
Final Project Presentations April 13 - 24

Every student is responsible for all materials presented in class, including lectures, notes, and handouts. In case you are not present for a class, it is your responsibility to contact the instructor and receive information about the material presented in that class. Class attendance is VERY IMPORTANT.

**Effort Required**  
  
This course requires significant effort both in and out of class. Outside of class students will be expected to keep pace with the reading/videos and come to class prepared. If you come to class unprepared it will negatively impact your ability to complete the lab exercises. For every one hour in class, the student is expected to put in an effort of at least 3 hours outside the class for studying and completing writing assignments. Depending upon background and preparedness, some students may have to put in additional effort. **DO NOT PROCRASTINATE.**

Prioritize, schedule, and take responsibility for your actions and you should do very well in this class. To be successful in this course, you **MUST** take an active role in the learning process. To be successful in the course, you must do the work. You must also manage your time effectively. Throughout the semester you may be given time in class to work on various assignments. I STRONGLY encourage you take full advantage of this opportunity.

**Blackboard and Module 0**

Your first assignment is to complete Module 0. This module is located on Bb. Part of this module is a quiz that you are expected to complete the first week of class. This quiz covers course administration, procedures, rules, policies, etc. Module 0 lays the groundwork for the rest of the semester. You are expected to read and familiarize yourself with all of the material in Bb and its location. You should go through Bb and see what resources and information is available to you. From time to time, you my find assignments, etc. that are leftover from a previous semester. Check the dates. Unless the dates are current, those assignments aren’t applicable. You may also ask me for clarification. In regard to due dates, they should be clearly listed in Bb. The date in Bb is the date we will go by. If you need to know when something is due, check Bb. I don’t commit to memory every due date for every assignment in all the classes I teach.

**Learning Journal**

As part of this course, each student must maintain a learning journal. This journal will contain a variety of low stakes assignments, many to be done in class. It is your responsibility to keep it current. It will be turned in at the end of each learning module as a single document. Do NOT procrastinate. The journals are graded **ALL OR NONE**. If you complete all entries, you will receive full credit. **ANY** missing entries will result in a 0.

You will need your journal during almost every class therefore you must ensure it’s available when you need it. It is your responsibility to ensure that it’s kept safe. You would be wise to make frequent back-ups of your journal. You may want to consider using Dropbox ([www.dropbox.com](http://www.dropbox.com)) or Google Drive.

**Tests & Readings**

The number of quizzes/tests will vary, depending on class progress, participation, and the how well students keep up with assignments, readings, etc. Generally there will be a quiz for each module. Students are expected to keep up with all reading assignments and come to class prepared to discuss the material.

**Communication**   
  
Private E-mail will be used to make any general announcements, last minute changes, etc. It is **mandatory** that you monitor your email messages at least once a day. PLEASE ONLY USE MY MARSHALL EMAIL ADDRESS FOR CORRESPONDENCE. Messages left on Blackboard will result in extremely delayed/no response. Please read and follow the guidelines outlined in the “How to Email Your Professor” article. There is a link to it posted on Bb.

All written communications, including discussion postings, emails and written assignments Format, structure,

organization, tone, clarity, spelling and punctuation all contribute to effective communications and are expected in all student communications. Any communication not deemed an appropriate business communication may be disregarded by the instructor or points may be taken off, at the sole discretion of the instructor. Students are expected to thoroughly proofread all communications

Using my University email ensures you get a response and the course run smoothly. During periods of inclement weather, check your email and Bb the night before, and the morning of class to see if it has been cancelled.

There is a great deal of information in Bb regarding the conduct of the course, additional resources, etc. You are expected to read and navigate through this material.

**Note about cell phones and Internet in class**  
Please set your cell phone ringer to "Vibrate Only" mode (or turn it off) before you enter the classroom. While in class, you will be expected to work on class related materials/assignments. Please do not surf the Internet and work on other assignments unless authorized by the instructor.

During tests, cell phones MUST be put away. No exceptions.

**Disclaimer**The instructor reserves that right to modify the course schedule and evaluation system should it become necessary for the effective conduct of the course.

**Get Involved!**

There are tremendous opportunities here beyond your coursework. The student chapter of AIDE (Appalachian Institute of Digital Evidence), internships, and research are just some of the possibilities. Involvement in these activities is what can separate your resume from the others. Do not miss this opportunity. See me for details. Also, get to know the faculty. Introduce yourself, stop by and see us. The more we communicate and get to know you, the more we can help you.