

COURSE: IST 220 Connections II CREDIT HOURS: 3 Fall, 2014

Section 102 CRN 2800 11 a.m. - 12:15 p.m. Science 200

Section 103 CRN 2801 12:30 - 1:45 p.m. Science 200

Course description: Further examination of the nature and impact of science and technology in our contemporary world. Case studies analysis to highlight the controversies surrounding the role of science and technology in society.

Theme: What is a good idea?

Instructor: Samuel T. Colvin
(304) 696-5432

Office – 111 Morrow Library

Phone:

E- mail: colvin8@marshall.edu This is the only e-mail address to which I respond. Please do not send e-mails to any other address or through forums.

Because of the phone system, I can only return local phone calls and often cannot return some cell phone calls.

I strive to respond to phone calls and e-mails within 24 hours of receipt and will respond if at all possible. Students are encouraged to talk with me in person before class, after class or between scheduled classes. Questions can also be asked by email or phone message.

My Fall 2014 Schedule

Tuesdays

8:45 - 10:45 a.m. Office Morrow 111

11 a.m. - 12:15 p.m. IST 220 Science 200

12:30 - 1:45 p.m. IST 220 Science 200

2 - 3:15 p.m. IST 212 Morrow 122

3:30 - 7:50 p.m. IST 111 Science 200

Thursdays

8:45 - 10:45 a.m. Office Morrow 111

11 a.m. - 12:15 p.m. IST 220 Science 200

12:30 - 1:45 p.m. IST 220 Science 200

2 - 3:15 p.m. IST 212 Morrow 122

By advance appointment only: 3:15 - 5:15 p.m. - Office - I will not be in Morrow 111

unless a prior appointment is made.

Fridays

Noon - 1 p.m. Faculty Meeting every other week - 9/5, 9/19, 10/3, 10/17, 10/31, 11/14, 12/12

Policies

Plagiarism or cheating will result in no credit for that activity and may result in further University sanctions.

Work not in the prescribed format will be penalized, or at the discretion of the instructor not accepted for grading. MU Online will be the only acceptable vehicle for submission of work unless the instructor announces a different vehicle. Late submissions to MU Online will be accepted with penalty until the cutoff. After the cutoff, MU Online will not allow submissions. Please do not e-mail submissions to me because they do not then become part of the permanent record of the class.

Submissions will not be returned. Please keep copies of all work submitted.

No work received after the class ends will be graded.

Grades will be reported in MU Online allowing students to determine their grade status anytime, especially prior to course withdrawal deadlines and prior to the final. Assignments will be marked, graded and comments returned through MU Online within two weeks after the due date. It is the student's responsibility to check grades and comments (if any) to assure the proper receipt of and credit for assignments and labs. Final grades are based on the number of points earned out of 1,000. Only point calculations prepared by the instructor are official.

There is no extra credit, re-testing or scaling. At the end of the course, the instructor may, in his discretion, consider awarding extra points to a student less than five points (actual, not percentage) away from the next grade level provided that student has completed all assignments in a timely fashion.

Questions from students about the class may be asked in class or sent by e-mail to colvin8@marshall.edu.

Due dates and assignments are subject to change. Due dates will only be moved back, not forward.

Below is the current University policy related to incompletes for courses. It will be strictly followed.

“Incomplete: The grade of I (incomplete) indicates that the student has completed three-quarters of the course, but cannot complete the course for a reason that accords with the university excused-absence policy. Students must be in good standing in the class prior to requesting an incomplete. The course instructor decides whether or not an incomplete will be granted and specifies in writing what work the student must complete to fulfill the course requirements. The student has until the end of the next fall or spring semester from the date of receipt of the incomplete grade in which to complete the course, or the instructor may establish an earlier deadline. If special circumstances exist, which prevent the student from completing the course in the prescribed time, the incomplete may be extended with approval of the instructor, the instructor’s chair or division head, and the instructor’s dean. If the student satisfactorily completes the course in the prescribed time he/she will receive a letter grade. If the student fails to complete the course requirements during the stipulated time, the grade of I changes to a grade of F.”

- The Greenbook, Marshall University

Other University policies can be found at http://www.marshall.edu/academic-affairs/?page_id=802 (?page_id=802, note underline between page and id) and will be followed. They include:

1. Academic Dishonesty
2. Excused Absence Policy for Undergraduates
3. University Computing Service Acceptable Use

4. Inclement Weather
5. Dead Week
6. Students with Disabilities
7. Academic Dismissal
8. Academic Forgiveness
9. Academic Probation and Suspension
10. Academic Rights and Responsibilities of Students
11. Affirmative Action
12. Sexual Harassment

Student support, resources and online tutorials are listed on MU Online. Please take advantage of that assistance as needed.

IST Software Store

The IST department maintains agreements with various software publishers to provide software for its computer labs as well as for its faculty, staff, and students. Students enrolled in IST department courses are eligible to receive a variety of software applications at no cost for use in their academic endeavors. This includes many of the same applications used in IST courses. You can find this information and more on the IST Web site at <http://www.marshall.edu/isat/software/>.

Accessing the Store

Students enrolled in this course will receive an email sent to their Marshall accounts containing information on accessing the store. Students will need to complete their account registration – which involves entering their name and setting a password – in order to browse and download the software. Once completed, students can use their individual accounts to “purchase” the applications. Purchasing an application will provide a license key and a link to download an installer.

Texts:

- TITLE: A Civil Action
- AUTHOR: Harr
- EDITION:
- COPYRIGHT YEAR:1996
- PUBLISHER: Random House, Inc
- ISBN:9780679772675
- TITLE: Where Good Ideas Come From
- AUTHOR: Johnson
- EDITION:
- COPYRIGHT YEAR:2010
- PUBLISHER: Penguin Group USA Inc.
- ISBN:9781594487712

IST Program and Course Learning Outcomes and Traits

1. Students will demonstrate proficiency in the utilization of contemporary technologies or tools to solve real-world problems.
 - A. Technology and Information Aptitude
 - B. Problem-Solving and Decision-Making Skills
2. In the development of a research project, students will scientifically analyze data, evaluate and incorporate relevant research, and describe potential implications.
 - A. Interpretation and Analysis Skills
 - B. Critical Evaluation of Information and its Sources
 - C. Recognition and Understanding of Limitations and Implications
3. Students will effectively communicate in relating findings and recommendations resulting from projects.
 - A. Organization Skills
 - B. Use of Language, Mechanics, & Delivery
 - C. Use of Supporting Material

How Outcomes and Traits are Practiced and Assessed

Practiced	Assessed
1A texts, class activities, instructor modeling annotated bibliography, analysis	report,
1B texts, class activities, instructor modeling	report, proposal
2A texts, class activities, instructor modeling proposal, analysis	report,
2B texts, class activities, instructor modeling proposal, analysis	report,
2C texts, class activities, instructor modeling proposal, analysis	report,
3A texts, class activities, instructor modeling report, plan/record, proposal, analysis	mock trial,
3B texts, class activities, instructor modeling report, proposal, analysis	mock trial,
3C texts, class activities, instructor modeling report, proposal, annotated bibliography analysis	mock trial,

Rubric for Grading Based on Outcomes – 1A demonstrate technological fluency, 1B develop two reliable strategies, 2A evaluate evidence, 2B analyze research literature, 2C identify limitations/implications, 3A submit well-structured product, 3B use proper language/mechanics/delivery, 3C use respected supporting material

Course Evaluation:

Attendance and participation (Minus 3 points for each unexcused absence) 100 points

A Civil

Action Activities:
500 points

Mock Trial preparation and conduct - 100 points

Analysis of Book including the following elements - 400 points (40 points per section)
timeline, characters and roles, map, technology, cancer clusters,
environmental science, legal, crimes, information security, format review

Where Good Ideas Come From (Innovation)

Activities:

400 points

Analysis of a recent good idea from another person – 100 points

Proposal of your innovative idea - Proposal plan and activity record 50 points

Annotated bibliography 50 points

Proposal of idea 100 points

Total points

possible

1000 points

900 - 1000 points 90 – 100% A

800 – 899 points 80 – 89% B

700 – 799 points 70 – 79% C

600 – 699 points 60 – 69% D

0 to 599 points below 60% F

COURSE OUTLINE AND SCHEDULE

University Schedule - Fall 2014

8/25 Classes begin

8/29 Schedule adjustments end

9/1 Holiday - Labor Day

10/20 Fr/Soph mid term grades

10/31 Last day to drop individual course

11/24 - 28 Thanksgiving Break

12/1 - 6 Dead Week

12/5 Last day to completely withdraw

12/6 - 12 Exams

12/14 Commencement

PLEASE NOTE: Assignments and their submission deadlines to MU Online and cutoff dates for submission are underlined, are detailed below and will be enforced. Late submissions to MU Online will be accepted with penalty until the cutoff. After the cutoff, MU Online will not allow submissions. If there is no submission properly received by the cutoff, no credit will be recorded for that assignment.

Labs and Lectures

Week 1	8/26 - syllabus, get acquainted	8/28 - introduction
Week 2	9/2- A Civil Action Section 1 Boston Woburn	9/4 – Section 2
Week 3	9/9 - A Civil Action Section 3 The Lawyer 11	9/11 – Section 4 Rule
Week 4	9/16 - A Civil Action Section 5 Orphans & Dogs Discovery	9/18 – Section 6
Week 5	9/23 - A Civil Action Section 7 The Woodshed Billion-Dollar Charlie	9/25 – Section 8
Week 6	9/30 - A Civil Action Section 9 Facher’s Plea The Trial	10/2 - Section 10
Week 7	10/7 - A Civil Action Section 11 The Vigil Negotiation	10/9 - Section 12 The
Week 8	10/14 – A Civil Action Section 13 Blindman’s Buff Afterword	10/16 – Section 14
Week 9	10/21 – Mock Trial continued	10/23 – Mock Trial
Week 10	10/28 – A Civil Action Final Discussion Discussion continued	10/30 - A Civil Action Final
	<u>10/30 - Analysis of Book – A Civil Action due to MU Online by 11:59 p.m.</u>	

Week 11 11/4 - Innovation – Introduction and Chapter 1 11/6 -
Innovation Chapters 2 and 3

Week 12 11/11- Innovation Chapters 4 and 5 11/13 -
Innovation Chapters 6 and 7

11/13 - Analysis of a recent good idea from another
person due to MU Online by 11:59 p.m.

Week 13 11/18 - Innovation – Conclusion
11/20 - Innovation – Conclusion continued

11/20 - Proposal plan and activity record, Annotated bibliography, Proposal of
your innovative idea due to MU Online by 11:59 p.m.

Week 14 12/2 – Class summary 12/4 – Class
summary

12/4 - Cutoff for all assignments at 11:59 pm. No work submitted after that time
will be considered or graded.

The course officially closes at 11:59 p.m. Thursday
12/4/14. No final exam.

INSTRUCTOR BIOGRAPHICAL SKETCH

Sam Colvin received a bachelor's degree and a master's degree from WVU. He has taken postgraduate courses at Marshall.

Sam has worked on environmental issues since the first Earth Day in 1970. He was appointed as the first WV Youth Adviser to the newly-formed U.S. Environmental Protection Agency. As a student, he worked on a federally funded environmental education grant developing and testing course materials from elementary school to college level. He served a six month internship with the WVU Extension Environmental Education Specialist.

Sam has been employed at the city, county and state levels in West Virginia. He was an Extension Agent for two years, administrative assistant for admissions to the MU School of Medicine for six months, and the Community Development Director of Huntington for three years. He served as Executive Director of the WV Resource Recovery-Solid Waste Disposal Authority for eleven years. He was a market development representative for a major environmental company for one year. He has operated an environmental consulting business since 1990.

Sam has been a member of the WV Solid Waste Management Board and the WV Water Quality Advisory Committee. He served two years as Executive Director of the Ohio River Basin Consortium for Research and Education.

Sam's major environmental emphasis is solid waste, including recycling and composting. He is a certified yard waste facility operator and has received the National Backyard Compost training and the Compost Facility Best Management Practices training.

Sam has taught at Marshall since the spring of 2000. He has taught First Year Seminar 100, Integrated Science (ISC) 211 Living on Earth, Integrated Science and Technology (IST) 111 Living Systems, IST 120 Connections I, IST 220 Connections II, IST 320 Nature of Environmental Problems, and IST 321 Resolution of Environmental Problems. He has been involved in two Campus Compact service learning grants. He has completed Quality Matters for online teaching, critical thinking and service learning training.

Sam has completed Sustainability Awareness, Pollution Prevention and Environmental Management System training sponsored by WV Department of Environmental Protection, the National Pollution Prevention Roundtable and Bridgemont Community & Technical College.

His current research and service projects include: (1) Monitor and modify as needed the IST 320 online course; (2) Continue work on improvement of the impaired Fourpole Creek; (3) Continue evaluation of state-mandated waste reduction goal of 50%; (4) Monitor the reclamation of the former City of Huntington landfill; (5) Study the WV solid waste management system.

Sam lives in rural Wayne County, WV with his wife, Prudence. Prudence graduated from Marshall with bachelor's and master's degrees and is now retired after 34 years as an elementary teacher. They are active as volunteers in church and community activities. Sam is a volunteer assistant high school baseball coach.

They have two sons.

Andrew is a 2013 graduate of the United States Military Academy and an August, 2014 graduate of the Naval Dive School. He is currently a second lieutenant in the Army serving as an engineer dive officer.

Samuel is a 2014 graduate of the University of Charleston and the Army ROTC program. He is currently a second lieutenant in the Army serving as a military intelligence officer.