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| Semester: | Spring 2023 |
| Course Number and Sections: | 37:575:338:90, 37:575:338:91, 37:575:338:92 |
| Course Title: | Occupational Safety and Health |
| Location: | Online - non-synchronous |
| Course Instructor: | Ashley Conway, Assistant Teaching Professor |
| Contact Information: | Primary - use Canvas; secondary - aconway@smlr.rutgers.edu |
| Office Hours and Location: | Online by appointment |
| Text: | No required text |

Course Description

Work has an impact on physical and psychological health. In this course, students will explore the health and safety issues of various types of work and gain an understanding of the current state of occupational safety and health in the United States and globally including the enforcement of laws regulating occupational safety and health and the role of workers, unions, and employers. The historical, economic, and cultural forces contributing to and inhibiting solutions to occupational safety and health problems will be analyzed. Students will also examine how aspects of work interact with race/ethnicity, social/economic class, immigration status, and gender to create workers' health and safety outcomes.

Learning Objectives

Labor Studies and Employment Relations Department

- Apply employment relations concepts, and substantive institutional knowledge, to understanding contemporary developments related to work. (Goal II) *Assessment: quizzes*

School of Management and Labor Relations

- Analyze the degree to which forms of human difference shape a person's experience of work. (Goal V) *Assessment: discussions*
- Demonstrate an understanding of how to apply knowledge necessary for effective work performance. (Goal VI) *Assessment: discussions*

Course Grading

A=90-100; B+=85-89; B=80-84; C+=75-79; C=70-74; D=60-69; F=59 and lower

| Activity | Number | Percent of course total | Points that can be accrued |
|-----------------------|---------------------|-------------------------|----------------------------|
| Week 1 assignments | 4 | 5% | 50 points |
| Paper and peer review | 1 | 20% | 200 points |
| Online discussions | 3 @ 150 points each | 60% | 450 points |
| Exams | 2 @ 150 points each | 35% | 300 points |
| Total | | | 1,000 points |

Points have no absolute meaning, and in the end, I will use my judgment in translating points into grades for the course. Implicitly, that means that grades are “curved” in the sense that they are comparative. The comparison is both to other students taking the class this semester and with those who took the class in the past. In addition, I may increase or decrease a grade for exceptional (positive or negative) class participation and performance – ordinarily by one level (e.g., between B and B+). Grading rubrics for each assignment are available on Canvas. **Extra credit is not offered in this course.**

Online discussions – 3 @150 points each

In the first week of each online discussion students will prepare and submit an initial post. In the second week of the discussion, students will read group members’ posts and communicate their questions, insights, analysis, and conclusions in a threaded discussion. Each discussion will require preparing a brief topic presentation such as writing a paper, creating a presentation, or other task to share with group members. The *Online Group Discussion Guidelines and Grading Rubric* document provides an in-depth explanation of how to successfully participate in the online discussions and how the discussions are evaluated. Late submissions of up to one week without an approved excuse will be assessed a point penalty as specified in the assignment grading rubric. Late submissions of more than one week will not be accepted unless special permission is granted.

Paper – 200 points

Write a paper on a work-related disaster. Perform a peer review of one paper. Students will have the option of submitting a draft paper for instructor feedback. Late submissions of up to one week will be assessed a 20%-point penalty. Late submissions of more than one week will not be accepted unless special permission is granted.

Exams: 2 @ 150 points each

Timed exams of 90 minutes include true/false, matching, multiple choice, fill-in-the-blank, short answer, and essay questions. Exams are noncumulative and must be taken online on the Canvas course site during the open period. Collaboration on the exams is not allowed, but they are open book. Make-up exams taken within one week of the due date will be assessed a 25%-point penalty. Make-up exams of more than one week will not be allowed unless special permission is granted.

Class participation

This is an interactive class; students need to stay on track to effectively interact with others in the class. I should be informed of personal situations or emergencies that interfere with class participation. As soon as a problem arises, email me. An online class provides schedule flexibility, but students are responsible for managing their time and participating in class every week.

Contributing to the learning environment

Students are expected to contribute to creating an environment that fosters mutual respect, courtesy, and civility by adherence to class norms for discussion, debate, and all interpersonal interaction. Expressions of hatred or contempt based on race, color, national or ethnic origin, age, gender, religion, sexual orientation, marital status, or disability will not be over-looked, nor will they be tolerated.

Course communications

Students are responsible for accessing course materials on Canvas and participating as instructed.

Rutgers email and Canvas email should be checked frequently throughout the study week for class announcements or updates. Automatic email and announcement notifications are available on Canvas. Students are responsible for promptly replying to emails that request a response. **Please inform me of emergencies or problems that are likely to affect your participation or performance in the course. The sooner I know, the easier it will be to develop a plan to keep up with the course work.**

Class cancellations

Because this is a fully online course, most Rutgers class cancellations will not affect virtual class attendance and participation.

Academic Integrity

Academic Integrity is vital to the mission of Rutgers, to education at Rutgers and membership in the Rutgers community. It is a core value that supports trust among students, and between students and teachers. Academic integrity is also a shared value; administration, faculty, and students each play a vital part in promoting, securing, and nurturing it.

Academic dishonesty is not an individual act that affects only the students involved. It violates communal trust, impacts other members of the community, and is an offense against scholarship. For this reason, any instance of cheating or plagiarism will be dealt with harshly.

Honesty matters. As a shared value, administration, faculty, and students each play a vital part in promoting, securing, and nurturing it. See the Rutgers Academic Code and Academic Oath at:

<http://academicintegrity.rutgers.edu/>

From the Office of Disability Services

Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at: <https://ods.rutgers.edu/students/registration-form>.

Rutgers' Resources for Success

The faculty and staff at Rutgers are committed to your success. Students who are successful tend to seek out resources that enable them to excel academically, maintain their health and wellness, prepare for future careers, navigate college life and finances, and connect with the RU community. Resources that can help you succeed and connect with the Rutgers community can be found at success.rutgers.edu, and nearly all services and resources that are typically provided in-person are now available remotely.

Technical Assistance

Helpdesk: Rutgers Office of Information and Technology

Email: <https://it.rutgers.edu/help-support>

Call: 833-OIT-HELP

Class Outline by Week

Subject to change – always refer to Canvas for the most up to date information

| Week | Topic | Assignments |
|---------------------------------------|---|--|
| 1 1/18-1/24 | Orientation to the Course and Introductions | Week 1 tasks due – 1/31 |
| 2 1/25-1/31 | A Look Back: Work Safety and Health History | <i>Case: Triangle factory fire</i> Discussion #1 – initial post due 1/31 Submit Week 1 tasks by 1/31 |
| 3 2/1-2/7 | Occupational Safety and Health Concepts | <i>Case – On the trail of an epidemic: cholera in 1831 London</i> Continue Discussion #1 – closes 2/7 |
| 4 2/8-2/14 | The Occupational Safety and Health Act and the Occupational Safety and Health Administration (OSHA) | <i>Case- Change at McWane foundries</i> No assignment |
| 5 2/15-2/21 | Work Health and Safety: Policy, Politics, and Power | <i>Case- Diacetyl and popcorn workers' lung</i> Discussion #2 – initial post due 2/21 |
| 6 2/22-2/28 | The Economics of Worker Safety and Health | <i>Case – The BP gulf disaster</i> Continue Discussion #2 – closes 2/28 |
| 7 3/1-3/7 | Evaluation Week | Exam #1 – Opens Wednesday, 3/1 and closes Tuesday, 3/7 |
| 8 3/8-3/10 and 3/20-3/21 | Right to Know and Workers' Compensation Spring break – 3/11-3/19 | No assignment |

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| 9 3/22-3/28 | Protecting Workers' Psychological Health | <i>Case: Post-traumatic stress disorder in front-line essential workers</i> <i>Discussion #3 – initial post due 3/28</i> |
| 10 3/29-4/4 | Safety and Health in the Entertainment Industry | <i>Case: The health and safety of professional and collegiate athletes</i> Continue Discussion #3 – closes 4/4 |
| 11 4/5-4/11 | Ethics in Work Safety and Health | <i>Case- Ethical decision making in the pandemic – workers, vaccines, and the 'duty to serve'</i> Disaster paper assigned – optional draft can be submitted anytime – due 4/18 |
| 12 4/12-4/18 | Global Work Safety and Health | <i>Case: The global supply chain and worker health and safety</i> Disaster paper due 4/18 |
| 13 4/19-4/25 | Work Health and Safety in a Changing Climate | <i>Case – First responders in natural disasters</i> No assignment |
| 14 4/26-5/1 | Evaluation Week | Complete 2 course evaluation surveys Exam #2 – opens Wednesday, 4/26 and closes Monday, 5/1 |

Readings

Note: This reading list will change. It is included in the syllabus to give students an idea of the type of readings that will be assigned.

Adam-Poupart, A *et al.* (2013) The impact of climate change on occupational safety and health. *Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST)*.

Alcaez, X. (March 2022) What to expect under the Biden Administration. *Environmental Health Safety Today*.

Bingham, E. (1983). Right to Know movement. *American Journal of Public Health*, 73(11): 1302.

Carroll, Aaron E. (28 August 2020). When it comes to COVID-19, most of us have risk exactly backward. *New York Times*.

Cha, M. *et al.* (2021) Workers and communities in transition: Report of the Just Listening Project. *Labor Network for Sustainability*.

Dorman, P. (2000). The economics of safety, health, and well-being at work: An overview. *InFocus Program on SafeWork, International Labour Organization*.

Editorial board. (23 May 2020). The plight of essential workers in the COVID-19 pandemic. *The Lancet*, Vol. 395.

European Agency for Safety and Health at Work. (2001). Corporate responsibility and safety and Health at work.

Eyres, H. (7 April 2020) How coronavirus has led to the return of the precautionary principle. *News Statesman*.

Grabell, M. & Berkes, H. (2015). The demolition of Workers Comp. *ProPublica and National Public Radio*.

Gerstein, T. (6 September 2020) Other people's rotten jobs are bad for them. And for you. *New York Times*.

Haedickie, M. (6 May 2020) To understand the danger of COVID-19 transmission in meatpacking plants look to the industries history. *The Conversation*.

International Labor Organization. (2012) The COSH Movement and Right to Know. *Encyclopedia of*

Occupational Safety and Health, 4th Ed. (59).

Johnson, J. (March 2021) Former OSHA head, David Michaels, calls for transformation of U.S. worker safety. *Chemical and Engineering News*, Vol. 99, Issue 24.

Kindy, Kimberly. (9 September 2020). More than 200 meat plant workers in the U.S. have died of COVID-19. Federal regulators issue two modest fines. *Washington Post*.

Labaton, S. (2007, April 25). OSHA leaves worker safety in the hands of industry. *The New York Times*.

Leibenluft, J. and Olinsky, B. (2020). Protecting worker safety and economic security during the COVID-19 reopening. *Center for American Progress*.

Levenstein, C. & Dunn, M. (2005). Show me the money: Cost-benefit analysis in the work environment. *New Solutions: A Journal of Environmental and Occupational Safety and Health Policy*, 15 (3).

Loewenson, R. (2001). Globalization and occupational health: A perspective from Southern Africa. *Bulletin of the World Health Organization*, 79(9).

McOwer, Joel. (March 16, 2020). COVID-19 and climate change: A healthy dose of reality. *Green Biz*.

Michaels, D. & Monforton, C. (2005) Manufacturing uncertainty: Contested science and the protection of the public's health and environment. *American Journal of Public Health*, Vol. 95, No. S1, pp. S39-S48.

Mock, Jillian. (June 2020). Psychological trauma is the next crisis for coronavirus health workers. *Scientific American*.

National Institute of Occupational Safety and Health. (1997) Protect your family: Reduce contamination at home. Publication #97-125.

New Jersey Work Environment Council (2008). Still at risk: Protecting New Jersey jobs, families, and hometowns from toxic chemical disaster.

Occupational exposure limits – One tool in a risk assessment. University of Wisconsin - Madison, Office of Chemical Safety.

O'Donnell, Jimmy. (3 September 2020). Essential workers during COVID-19: At risk and lacking union representation. *Brookings Institute*.

Pasani, Joseph & Olsen, Alexandria. (20 July 2020). As companies keep workers in the dark on COVID-19 cases, some employees are turning into amateur sleuths to track virus cases. *Chicago Tribune*.

Rosner, D. (2000). When does a worker's death become a murder? *American Journal of Public Health*, 90(4): 535-540.

Silverstein, M. (2008) Getting home safe and sound: The Occupational Safety and Health

Administration at 38. *American Journal of Public Health*, 98, 3, 416-423.

Stix, Gary. (10 September 2020) Emotional labor is a store clerk confronting a maskless customer. *Scientific American*.

Trumbull, Mark. (March 9, 2020). Why COVID-19 is likely to change globalization, not to reverse it. *Christian Science Monitor*.

Westfall, M. 2009. Cancer in auto factories: An interview with Mike Bennett. *Cornell University ILR School*.