History 340  
Industrialization in Global Perspective

Dr. Tom Dicke  
425 Strong Hall  
Ph. 836-5746  
E-mail: TomDicke@MissouriState.edu

Office hours: Mon. and Wed. 1:30-3:00  
Tuesday, 10:00-1:00

Course Description: This class looks at industrialization as one of the main factors which has allowed humans to go from a species of low population and low energy use to one of high population and high energy use. Industrialization isn’t the only factor that led to this occurrence, but it is in the top two and looking at industrialization this way helps focus our thinking about a large, long, complex process. To that end we begin with a look at the sources of economic growth in general to provide what I hope is a useful framework for understanding how it has been possible for humanity to dramatically increase both the number of people and the level of prosperity. Next we take a quick look at a few types of low-energy/low-surplus societies. The course then begins to narrow down by focusing on the first great wave of globalization and its importance to the industrial revolution. From there we finally get to the development and spread of industrialization between about 1750-1930. Here will look at UK, US, and Japan as developing nations. Finally, we examine the emergence of modern industrial economies/societies over the last hundred years or so. Here the focus will be on the creation of organizations, like the Bretton Woods institutions or the EU, and technologies, like the shipping container and the transistor, that stimulated the development of a tightly integrated global system.

Academic Objectives: You should develop the following competencies and skills:
1. A basic factual knowledge of the events pertaining to industrialization and the development of high energy/high output societies.
2. The ability to analyze and evaluate the events and interpretations of the causes and results of industrialization.
3. The ability to present your own ideas and conclusions in a clear concise way.

Your grade will be based on how well you achieve these objectives.

Required Materials:
Plan on two to four readings per week in this class. Most of the readings will be either chapters or articles. A tentative list is below, depending on how the class goes I may make a few substitutions. As you do the reading please think about how the readings for the week fit with each other and the main themes for the week. For example, in week one you have a reading from
Joel Mokyr explaining the four ways significant economic growth can occur and the characteristics of each. This is followed by three examples of economic growth in low power societies. One, from Alfred Crosby, looks at the domestication of animals and development of settled agriculture. Another looks at Rome as a “global” empire. As you do these reading you should consider how many of Mokyr’s sources of growth come into play and how, exactly, did that process work? You should also consider the similarities and differences between two “agricultural revolutions” both of which took place in low-power societies.


**Office hours:** This semester I will be available for office hours by email and phone. I can also setup a zoom or facetime session if you prefer. You may, of course, email anytime and I encourage you to do so, but I may take longer to answer outside of my regular hours.

**Assignments:**

**Tests:** You will be required to complete three exams. I will post 2 or 3 exam questions behind the “Exams” link 3 days before they are due. You will be required to answer one. Your answer should be between 800-1200 words. 100 points possible.

**Research paper** – 7 to 10 pages on a topic chosen by you and approved by me. Topics will be relevant to the course, hopefully it will be interesting to you. Please look behind the “Research Paper” link in Bb for details. 100 pts. possible. Due by end of day (11:59 PM) Tuesday, November 24th.

**Bb discussions** –20 pts each. If the class moves online we will have weekly Bb discussions. The specific instructions will be included in the board but generally you will be required to contribute between three and five thoughtful responses. I suggest you draft your replies in Word so you can edit your ideas and insights to better reflect your opinions.

Regardless of format for those who make a truly significant contribution to the discussions over the course of the semester, I may add up to 2% on to your final score.

**Grading scale (as a percentage):**

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\begin{array}{cccc}
\text{A} &=& 100-93.0 & \text{B+} = 89.99-87.0 & \text{C+} = 79.99-77.0 & \text{D+} = 69.99-67.0 \\
\text{A-} &= 92.99-90.0 & \text{B} = 86.99-83.0 & \text{C} = 76.99-73.0 & \text{D} = 66.99-60.0 \\
& \text{B-} = 82.99-80 & \text{C-} = 72.99-70 & 59.99 \text{ or below} = \text{E}. \\
\end{array}
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**Make-Up Policy:** Late assignment will normally be accepted but will receive a 7% penalty for each weekday they are late.

**Course plan if we are unable to meet physically:** I have designed the Blackboard site to easily transition online should that become necessary. All assignments will be turned in through Blackboard. Due dates will remain as currently listed in the syllabus. If we cannot meet in
person, we will have weekly graded discussions using the Bb discussion board. We will not meet via zoom, although I may do periodic study sessions if it would be helpful.

**Common University and Department Policies:**

*Face covering:* In accord with the MSU Mask and Face Covering policy ([https://www.missouristate.edu/Coronavirus/masking-policy.htm](https://www.missouristate.edu/Coronavirus/masking-policy.htm)), Greene County Health Department ([https://www.springfieldmo.gov/5140/Masks-and-Face-Coverings](https://www.springfieldmo.gov/5140/Masks-and-Face-Coverings)), and the Springfield City Ordinance ([https://www.springfieldmo.gov/AgendaCenter/ViewFile/Item/14780?fileID=203417](https://www.springfieldmo.gov/AgendaCenter/ViewFile/Item/14780?fileID=203417)), masks or face coverings must be worn at all times during a traditional (seated) class. This measure is being implemented to reduce COVID-19 related health risks for everyone engaged in the educational process. Masks or face coverings must be worn over the nose and mouth, in accordance with the Centers for Disease Control and Prevention (CDC) guidelines ([https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/how-to-wear-cloth-face-coverings.html](https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/how-to-wear-cloth-face-coverings.html)). Face shields are not considered masks or face coverings for purposes of this requirement.

Students who cannot wear a mask or face covering due to a disability must contact the Disability Resource Center (DRC) ([https://www.missouristate.edu/disability/](https://www.missouristate.edu/disability/)) to initiate the interactive accommodation process.

In the absence of an approved accommodation, a student’s refusal to wear a mask or face covering will be considered a classroom disruption, consistent with *Op3.04-11 Class Disruption*, and may result in the student being administratively dropped from the class section.

*Nondiscrimination:* Missouri State University is an equal opportunity/affirmative action institution, and maintains a grievance procedure available to any person who believes he or she has been discriminated against. At all times, it is your right to address inquiries or concerns about possible discrimination to the Office for Institutional Equity and Compliance ([www.missouristate.edu/equity/](http://www.missouristate.edu/equity/)), Park Central Office Building, 117 Park Central Square, Suite 111, 417-836-4252.

Other types of concerns (i.e., concerns of an academic nature) should be discussed directly with me. If you have concerns about me or the conduct of this class you should contact the Head of the History Department at 410 Strong Hall, 417-836-5511.

*Academic dishonesty:* Missouri State University is a community of scholars committed to developing educated persons who accept the responsibility to practice personal and academic integrity. You are responsible for knowing and following the university’s student honor code, Student Academic Integrity Policies and Procedures, available at [http://www.missouristate.edu/academicintegrity/](http://www.missouristate.edu/academicintegrity/). Any student participating in any form of academic dishonesty will be subject to sanctions as described in this policy.
You may collaborate with others to improve your performance in the course. You must, however, write your own answers to all questions. When answers closely match each other, I will presume that one student is plagiarizing the work of another. The minimum penalty for both the plagiarizer and the enabler will be a zero for the entire assignment in which there is evidence of plagiarism.

Disability accommodation: To request academic accommodations for a disability, contact the Director of the Disability Resource Center, Carrington Hall, Room 302, 417-836-4192 or 417-836-6792 (TTY), (www.missouristate.edu/disability). Students are required to provide documentation of disability to the Disability Resource Center prior to receiving accommodation. The Disability Resource Center refers some types of accommodation requests to the Learning Diagnostic Clinic, which also provides diagnostic testing for learning and psychological disabilities. For information about testing, contact the Director of the Learning Diagnostic Clinic, 417-836-4787, http://psychology.missouristate.edu/ldc.

Title IX Policy: Missouri State University does not discriminate on the basis of sex in the education program or activity that it operates, including in admission and employment. Concerns regarding discrimination on the basis of sex, including sexual harassment, should be referred to Jill Patterson, Title IX Coordinator, Carrington 205, 901 S. National Ave., Springfield, MO 65897, 417-836-8506, or jillpatterson@missouristate.edu. MSU has adopted a grievance procedure policy for the prompt and equitable resolution of allegations of sexual discrimination, including sexual harassment. This policy is available at the Title IX website. Individuals may report an allegation of sex discrimination, file a complaint of sexual discrimination, or file a formal complaint of sexual harassment by contacting MSU’s Title IX Coordinator at Carrington 205, 901 S. National Ave., Springfield, MO 65897, 417-836-8506, jillpatterson@missouristate.edu, or visiting the Title IX website.

All faculty are required to report to the Title IX Office any concerns or allegations of sex discrimination or sexual harassment involving members of the University community (i.e., faculty, staff, and students) of which they become aware.

Religious accommodation: The University may provide a reasonable accommodation based on a person’s sincerely held religious belief. In making this determination, the University reviews a variety of factors, including whether the accommodation would create an undue hardship. The accommodation request imposes responsibilities and obligations on both the individual requesting the accommodation and the University. Students who expect to miss classes, examinations, or other assignments as a consequence of their sincerely held religious belief shall be provided with a reasonable alternative opportunity to complete such academic responsibilities. It is the obligation of students to provide faculty with reasonable notice of the dates of religious observances on which they will be absent by submitting a Request for Religious Accommodation Form to the instructor by the end of the third week of a full semester course or the end of the second week of a half semester course.

Attendance: Regular attendance is an important to your success in this class. If you are feeling well you should come. If you are not feeling well or of you have any symptoms of C-19 please
stay home. Seek medical care if necessary. A reminder, we have a very good Health and wellness center on campus. [https://health.missouristate.edu](https://health.missouristate.edu)

**Dropping this class:** It is your responsibility to understand the University’s procedure for dropping a class. If you stop attending this class but do not follow proper procedure for dropping, you will receive a failing grade and will also be financially obligated to pay for the class. Please be careful about this, every year, I see one or two people who forgot to drop and end up either paying for a class they did not complete or going through a lot of trouble to prevent doing so. For information about dropping a class or withdrawing from the university, contact the [Office of the Registrar](tel:(417) 836-5520).

**Miscellaneous suggestions to help you in the course:**
If any of the course requirements or course material please unclear, please ask about it.

Remember that the prime concern of history is to analyze change through time. When, how and, most importantly, why the change occurred and its significance to various groups of individuals are concerns at the center of each question you will be asked. Try to keep this framework in mind read the assigned material and participate in the discussions, then when exam time comes you will be thinking along the right lines.

You should have success in this class in general proportion to the effort you expend. If this does not happen be sure to contact me at the earliest opportunity.

**Tentative Course Schedule**

Some of these readings will change. With the exception of Allen, which I have asked you to buy, all the reading for the week is in the Weekly Units folder. In the second half of class we will use video sources and other primary materials more frequently.

**Week 1 (August 17/19/21): Introduction to the course; quick overview of low-power (preindustrial) societies.**
Readings: Joel Mokyr, *The Lever of Riches*, chap. 1; Alfred Crosby, *Children of the Sun*, chap. 2; Kyle Harper, *The Fate of Rome*, chap. 2

**Week 2 (August 24/26/28): Life in complex low-power societies.**

**Week 3 (Aug 31Sept 2/4): The first great wave of globalization 1450-1770**
Week 4 (September 9/11, no class Sept 7): Beginning of the Industrial Revolution in Great Britain, early infrastructure
Reading: Rorabaugh, The Craft Apprentice, “Prologue”; Allen, Global Economic History: A Very Short Introduction, chaps 1-5,

Week 5 (September 14/16/18): Finish the Beginning of the Industrial Revolution in Great Britain. Start the spread of Industrialization to the United States.
Reading: Nancy Koehn, Brand New, “Josiah Wedgwood”; Uglow, The Lunar Men, chap. 9

Week 6 (September 21/23/25): Industrialization in the U.S. transportation domestic and foreign, business/government relations.

Week 7 (Sept. 28/30, Oct. 2): The rise of big business in the U.S. Case studies of Carnegie Steel and McCormick Harvester.
Reading: Glen Porter, The Rise of Big Business; Harold Livesay, American Made, “Andrew Carnegie” or “Cyrus McCormick”; JoAnne Yates, Control Through Communication, chap 1, Rosenberg, Spreading the American Dream, chap. 2

Week 8 (October 5/7, No class Oct. 9): The Meiji Restoration, industrialization in Japan, government policy and private efforts.
Readings: Gordon, A Modern History of Japan, chap 5

Week 9 (October 12/14/16): The growth of the modern firm in the U.S. 1920 to 1941.
Reading: Livesay, American Made “Henry Ford”, “Alfred Sloan”;

Week 10 (October 19/21/23): Global collapse, 1929-1939


Week 12 (November 2/4/6): The end of empires and building a global system – Bretton Woods and post-war reconstruction
Readings, Heilbroner, Worldly Philosophers, J.M. Keynes; Levinson, The Box, chap 1

Readings: Gordon, A Modern History of Japan, chap 14; Video “Made In America”

Week 14 (November 16/18/20): Global business and society: the rise of China, the EU, the US; world culture and consumer culture.
Readings: Allen, *Global Economic History*, chaps. 8-9; NPR, “Travels of a T-shirt” podcast; BBC Future video “Coffee”; PBS video “America Revealed”

Week 15 (Nov. 23, no class Nov 25/27). Finish your paper

Week 16 (Nov. 30/Dec. 1) Odds and Ends conclusions and speculation.
Readings: in the folder

Tentative exam due dates:
1st exam – due September 18th
2nd exam – due November 6th
final exam – due TUESDAY, December 8th by NOON
Research paper due TUESDAY, November 24th submitted via Bb before end of day.