

Course: IN 650ES_ON Art, Science, and Medicine, 1600-1800

Instructor: Dr. Paul Sivitz

Days/Dates: 5 weeks, September 21 – October 25

Zoom Meeting: Tuesday, 7:30pm – 9:00pm

Art, Science, and Medicine, 1600-1800

Until about 1800, “science” included not only the fields we expect, such as biology, chemistry, and what is now called physics, but also medicine (and even technology). While it may be hard for us in the twenty-first century to think in this way, for people living in the seventeenth and eighteenth centuries, it was normal. Illustrations, paintings, and even simple line drawings had the power to communicate science to a large audience. Literacy rates varied wildly during the period, but images, except for technical drawings, brought science to the masses.

This course examines the intersection of art and science during the early modern period. Topics include print culture, the production of “archetypal” images (especially botanical pieces), the circulation of knowledge both within the scientific community and to a wider audience, and ideas of the Enlightenment.

There will be one or two optional museum visits for students. Details at the start of the course.

Required Materials:

Roy Porter, [*Blood and Guts: A Short History of Medicine*](#). W. W. Norton, 2004.
ISBN-13: 978-0393325690

All other materials will be provided.

Texts are available on Amazon, but also check AbeBooks.com for used copies. When buying used books, check that they are graded “Very Good” or better, since those are not likely to be written in or highlighted.

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Canvas & Zoom

Thank you for registering for this online course! You will only need a computer with internet connection to participate, as well as a means of photographing your artwork to upload -- a cell phone camera will suffice. PAFA utilizes Canvas as their online learning platform and Zoom for video conferencing. Canvas allows you to view course content (video, images, text), upload homework assignments for instructor feedback, and communicate both with the instructor one-on-one and with other students via message boards. The course content is typically uploaded each Monday and you will have 24-hour access to all posted content to pursue according to your own schedule. You can always sign-in to Canvas and find all of the information you need about your class.

Asynchronous Canvas instruction will be supplemented by live sessions via Zoom for lecture, demonstration, question and answer, and critique.

You will receive an invitation to join Canvas a few days before the course start date. Your username is the email you registered with, and you will need to set up your password. You will also receive instructions for accessing Zoom videoconferencing sessions. **Please be sure to check your email junk/spam folder.** We ask that you please take advantage of the Canvas and Zoom tutorials before the course begins. Basic training sessions for Canvas and Zoom will be made available at the start of the course as well.

Please contact the CE Programs staff with any questions at continuinged@pafa.edu.