



**PennState**  
Berks



**PennState**  
Fayette, The Eberly Campus

## **BUILDING SYSTEMS - DESIGN & CONSTRUCTION COURSES**

These courses can be used to expand your knowledge in specific construction skill areas. They will focus on design principles, system integration, code compliance, and construction coordination.

### **Scheduling and Time Management in Construction**

Construction-specific scheduling and time management course that will teach students how to think about the construction project at hand and to build a project-specific schedule.

Topics include:

- **New Construction:** Typical out-of-the-ground construction. This would include all of the site work components, foundations, exterior construction, and interiors construction to close-out of the project.
- **Renovation Projects:** Scheduling for an existing building renovation, occupied or vacant, dealing with phases.\*For both schedule types we would cover multiple floors and the repeat aspect of scheduling. This is helpful for hotel or apartment building projects.
- **Pre-Construction:** Many construction companies are involved in Design-Build projects, which means they are a partner in the process in the early stages of the project, dealing with not only design but client and governmental approvals. Documenting all of these steps and the time it takes to complete, along with what happens to the schedule should one of the items slip, is crucial to the overall project schedule.
- **Time Management:** The job of a Project Manager in the construction world takes on a multitude of projects with their own subcontractors and individuals for each. How to manage that plethora of people and tasks associated with each task is challenging. We will explore some of the best tools PM's use to keep their tasks and priorities in order.

The course is lecture based and includes class discussions and workbook assignments.

**Dates:** Wednesdays, April 7–May 19, 2021

**Time:** 6:00 to 9:00 pm

**Delivery:** Zoom Classroom (remote, live instruction)

**Cost:** \$525



### **Career Potential**

As the construction industry grows, so does demand for knowledge of building systems. Employers are looking for Maintenance Technicians, Construction, and Project Managers who understand the design aspects needed for plumbing, preventative maintenance, HVAC, wiring, pipe systems and so on.

Source: Burning Glass Technologies' Labor Insight™ Real-time Labor Market Information tool.

**These courses are being offered in collaboration with the Penn State Berks Campus**

**Seats are limited—register today!**

**<https://berks.psu.edu/building-systems-design-construction-courses>**

### **Program Contact**

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