

# Master of Science in Building Construction Management

A distance learning program designed for management professionals

## Fast-Forward Your Career

The distance learning option within the MS in building construction management gives you the flexibility you need and the professional development required to get ahead. The program prepares you for the challenges and demands of your ever-changing and unique field but allows you to carry on work and family responsibilities. You can earn a Purdue master's degree in just 24 months, from orientation to graduation.

## Program Strengths

The MS in building construction management is focused on current as well as emerging management techniques and concepts relevant to the construction industry.

- Since the program is offered through distance learning, you can continue working while you are enrolled in the program.
- Courses are designed around the practical and applied aspects of the construction industry. Graduates will be able to put the knowledge into practice.
- You will complete a capstone paper selected by you. Your capstone paper may address a technical, business, or operational problem at your company. The capstone course is intended to provide the student with a scholarly experience that incorporates concepts and techniques learned during his or her graduate career, as well as allowing the production of an original scholarly contribution to the discipline.

## Learning in a Virtual Classroom

In order to get acquainted, every fall semester will begin with an intensive three-day session on the Purdue University campus in West Lafayette, Indiana. These sessions allow the distance students to meet the on-campus students as well as the instructors. Once you are back at home, you will begin taking your classes in a virtual environment through Adobe Acrobat Connect Pro. Through the use of a computer, webcam, and hands-free microphone/earphone headset, you will

listen to lectures, view presentations, and participate in discussions. Since your classes meet at scheduled times in the evening, it is a real-time learning experience.

## **Key Program Concepts**

- **Class Schedule**

After the on-campus session during the first week, classes meet from 7:00 to 9:30 p.m. eastern time on Tuesday and Thursday evenings each week for the following 15 weeks. Because you will be seen and heard by the other students, you must be present at your computer for the live interactive class.

- **Technology Requirements**

Distance students must have broadband Internet access, a computer, a webcam, and a hands-free headset/microphone. In addition, you will need Adobe Flash — a free download through the Adobe Web site. Adobe Acrobat Connect Pro is provided by Purdue University.

Please go to [http://streamer.ics.purdue.edu/koshea/adobe\\_connect.wmv](http://streamer.ics.purdue.edu/koshea/adobe_connect.wmv) to watch a video of three Purdue professors discussing their use of Adobe Connect in distance learning. All of the students in the video are from the Department of Building Construction Management. Professors Orczyk and Krug are discussing their use of Adobe Acrobat Connect Pro in teaching courses in Building Construction Management.

## **About the Department**

Purdue's Department of Building Construction Management is one of the oldest and largest in the United States with over 500 undergraduate students and more than 3,000 alumni. The department has 20 faculty members, most of whom have more than five years of construction industry experience. The Department of Building Construction Management is an education leader in the field of commercial construction. In addition, the department is an innovator in the development of undergraduate specializations in residential, electrical, mechanical, and healthcare construction as well as demolition and disaster restoration management.

## Admission Requirements

Applicants for unconditional admission to the program must possess a BS or BA degree with a GPA of 3.00 or better on a 4.00 scale and have at least five years of verifiable construction management experience. The Graduate Record Examination (GRE) is required for the distance learning program.

Students apply to the Purdue University Graduate School by completing an online application. Go to [http://www.tech.purdue.edu/Graduate/grad\\_admiss.cfm](http://www.tech.purdue.edu/Graduate/grad_admiss.cfm) for directions for applying to the program. Below is a section of the online application form showing the required information for the application to the Building Construction Management masters program. The deadline for receiving all of the required application documents for the fall semester is April 1st. All Building Construction Management MS students must begin their study in the fall semester.

### CAMPUS, PROGRAM AND AREA OF INTEREST

★ Select a Campus \*  
West Lafayette (Main Campus) ▼

★ Select your Proposed graduate Major \* (Select a Campus first)  
Technology (Distance Learning) ▼

★ Select an Area of Interest. Available for selected Programs only. Not all Areas of Interest are available for both Master's and Ph.D. degrees.  
Building Construction Management ▼

If Area of Interest is Other please specify

### ENROLLMENT OBJECTIVE AND TERM

★ Enrollment Objective \* (Based on your Program selection)  
Master of Science ▼

★ Entry Term and Year\* (Based on your Program selection)  
Spring 2012 ▼

## Example Plan of Study

Distance learning M.S. students may begin the program in the fall semester only. The courses will be offered in a two year cycle. The course numbers and titles are subject to change.

### Semester one (fall of even years)

BCM 58100	Managing Construction Quality & Production	3 credits
BCM 58100	Construction Accounting & Financial Management	3 credits
BCM 58100	Academic Writing Seminar 1	1 credit

### Semester two (spring of odd years)

BCM 58100	Construction Operations & Strategic Management	3 credits
BCM 58100	Risk Management in Construction	3 credits

### Semester three (summer of every year)

BCM 58100	Analysis of Research in Construction	4 credits
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### Semester four (fall of odd years)

BCM 58100	Law for Construction Managers	3 credits
BCM 58100	Construction Management Training & Development	3 credits
BCM 58100	Academic Writing Seminar 2	1 credit

### Semester five (spring of even years)

BCM 58100	Preconstruction Project Management	3 credits
BCM 58100	Construction Leadership & Marketing	3 credits

### Semester six (summer of every year)

BCM 58100	Capstone Journal Paper	3 credits
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If you are interested in more information about the program please contact:

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[www.tech.purdue.edu/prostar](http://www.tech.purdue.edu/prostar)

Or

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