

## Technology Management Ph.D. Consortium Institutions:

Indiana State University  
Bowling Green State University  
East Carolina University  
North Carolina A&T State University  
University of Central Missouri

### *Specializations in:*

Construction Management  
Digital Communications  
Human Resource Development and Training  
Manufacturing Systems  
Quality Systems

## Technology Management

One of academia's rapidly expanding disciplines, the field of technology management produces professionals qualified to manage and direct technology. Professionals in this discipline require focused study in the areas of scientific and technological developments in regards to global, political, and economic communities. Equally important is the professional development of an acute awareness of the ethical and moral issues surrounding technology. The hallmark of technology management study is the ability to apply knowledge and actions to design, produce, and use, with integrity, the world's resources. The doctor of philosophy in technology management prepares you for these challenges.

## An Innovative Program

This innovative Web-based doctoral program is delivered by Indiana State University in cooperation with other nationally-accredited universities throughout the country. Designed to meet the needs of today's technical professionals, the Doctor of Philosophy Program in Technology Management offers academically rigorous course work and experiences through distance education technologies. Program advantages include:

- Select faculties from multiple universities offering expertise in technical areas as well as diverse research interests
- Opportunities to exchange ideas, knowledge, and information with experts and peers across the country and across disciplines
- The opportunity to continue higher education in distant locations with a challenging, cutting-edge curriculum
- An economically efficient program through the sharing of staff and facilities which work together to reduce your costs

## Student Characteristics

The students who pursue this degree are just as unique as the program itself; however, they do share some characteristics which can help you determine if the doctorate in technology management meets your needs. Many of our students:

- Are employed full-time
- Have significant industry experience
- Desire to seek higher level positions within a technology-based organization
- Demonstrate a high level of motivation and desire to learn
- Have a fundamental appreciation for the desire to understand technological issues
- Are location bound
- Desire a career change to higher education

## SCHOOL OF TECHNOLOGY

[ucmo.edu/technology](http://ucmo.edu/technology)  
Program Coordinator - Dr. Suhansa Rodchua  
[rodchua@ucmo.edu](mailto:rodchua@ucmo.edu) 660-543-4438

## Admission & Program Requirements

### Admission Requirements

All paperwork is sent to Indiana State University and is distributed for review to the Coordinating Council of member institutions. The program is based on the following standards. Meeting these qualitative standards does not ensure your admission:

1. GPAs (Graduate 3.5/4.0 or better; U 3.0/4.0 or better). Relevant field from an accredited university.
2. Graduate Record Examination (GRE) minimum scores of 150-152, needs to meet or exceed the 50th percentile.
3. Three years or 6000 hours of work experience related to the specialization chosen.
4. Career Goal statement that reflects a valid rationale for how this degree will benefit the applicant as they progress forward in life.
5. A current curriculum vita that can evidence professional or scholarly development.
6. Five letters of recommendation (succinct/to the point, not flowery), which identify whether the applicant can manage higher Ed level work successfully with other life constraints involved. Often times, we will receive letters from academic colleagues; previous professors; community leaders, etc.

Completion and mailing of application to the School of Graduate Studies, Indiana State University or cohesion of the application at: <http://technology.indstate.edu/consortphd/>

### Program Requirements

The doctorate of technology management consists of a minimum of 87 credit hours of course work, 30 of which come from the Master's degree. Included is course work is a general technology core, research core, technical specialization, professional studies, residency requirement, and a dissertation. Each area is described in more detail below.

- **Technology Core.** The technology core consists of course work that is common to all students regardless of specialization and which provides the knowledge needed to manage and direct modern technological systems.
- **Research Core.** Research is an integral component of the program. All students must have an in-depth knowledge of how to apply research methods to meet the demanding needs of industry.
- **Technical Specialization.** Students must develop expertise in their primary area of interest as it integrates into the other areas of-study required for the degree. Specializations are available in construction management, digital communications, manufacturing systems, quality systems, human resource development and training,
- **Professional Studies.** This experience involves the completion of field research or work experiences approved by the program advisor with an opportunity to apply theory to practice. Through internships and field research projects students become involved in organizations experiencing technological innovation.
- **Residency.** During one calendar year, candidates must complete a minimum of 18 semester hours which directly apply toward meeting degree requirements. As a partial requirement of this course, you must attend two five-day sessions on the Indiana State University campus. The two five-day sessions are scheduled to include weekends and are delivered in an executive seminar format. During the residency year, you must be enrolled in a minimum of nine semester hours in either the fall or spring semester. The balance of hours necessary to meet residency requirements (a minimum of nine additional hours) may be completed during the remaining semester(s), including summer sessions.
- **Dissertation.** Writing the dissertation is the culmination of study that involves solving an applied technological program utilizing analysis, synthesis, and evaluation processes.

### Consortium Lead Institution

The doctor of philosophy degree in technology management is awarded by Indiana State University, a preeminent public institution that integrates teaching and research for high-achieving, goal-oriented students. Students are challenged by high quality, experiential academic programs and supported by personal attention from dedicated faculty and staff.

For information concerning the doctorate in technology management, Dr. Ali Mehran Shahhosseini, the consortium director at Indiana State University, at:

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