

## IT Professional Capstone

**Course Description:** The BDPA IT Professional Capstone Certification course provides a survey of leadership and management topics that will inform and prepare up-and-coming technologist and technology managers for positions of increasing responsibility. It is designed to expose candidates for certification to leadership theory and practices that will support functioning in positions of supervisory decision-making responsibility. Management topics are focused on exposing candidates for certification to ethics and management practices that are useful in positions of ultimate and rising levels of accountability. You will complete independent research and write on topics as well as produce a term paper that will represent the culminating project for the course.

**Course Construct:** This course is designed to promote individual research and concept development expected of leaders. Topics are presented through current articles and other readings. You are expected to read other resources found in libraries, on-line and in books that expand learning and understanding of course topics. This approach to learning will enable you to pursue concepts and ideas on an independent basis. You will learn to expand your knowledge and capacity to lead change in your organizations. Each session you are required to write papers on course topics to re-enforce your understanding of concepts and ideas.

**Course Objectives:** Upon successful completion of the IT Professional Course you, the candidates for certification will be able to:

- Discuss and implement leadership theory and practices that support continuous organization improvement and balanced measurements of success.
- Discuss and participate in setting goals and project definition.
- Discuss and implement project management processes appropriate in technology-based organizations.
- Discuss and assess personal leadership, management behavior and perspectives expected of technology group managers including standards of conduct, technology value assessment and ethics.

Successful candidates will be certified at the IT Professional level.

The seven topics of the course are as follows:

1. Technology Leadership & Management
2. Balanced Scorecard Management Practices
3. Project Management
4. Project Management - Planning
5. Leading Technology – Evolution and Standards of Conduct
6. Technology Leadership in the Workgroup
7. Knowledge Management