

# Technology Management

## OLC Course Recommendations

### Competency Definition

Keeps up-to-date on technological developments; makes effective use of technology to achieve results; ensures access to and security of technology systems.

### OLC Component Titles

#### Cost Management and IT Project Trade-offs

##### **COURSE TSA-PROJ-COSTMNGITPROJ-0001**

Description: Have any of your IT projects lost money because of inaccurate budgeting or client changes to project scope? This course will help you eliminate budgeting problems by providing you with techniques to manage project costs. It will also provide you with a new approach to manage client changes to reduce negative impacts on project plan and scope changes. **Duration=4.5**

#### Estimating the IT Project Work Effort

##### **COURSE TSA-PROJ-ESTITWORKEFF-0001**

Description: Have you ever managed an IT project that failed to make a delivery date? Have you ever created a work schedule where the due dates for project completion were way off the mark? One way to solve these common problems is to develop accurate work estimates for your next IT project. In this course, you will learn methods to calculate work estimates, and how to determine which work estimating method you should choose for your IT project. In addition, you will learn how to identify the risks associated with individual tasks, and on an IT project as a whole. You will also learn mitigation strategies to help you reduce the risks identified in your work estimates. **Duration=5.5**

#### Functions of IT Project Management

##### **COURSE TSA-PROJ-FUNCTITPM-0001**

Description: William Shakespeare wrote, "Be not afraid of greatness; some are born great; some achieve greatness, others have greatness thrust upon them." Good information technology (IT) project managers are trained, not born. As an IT project manager, you can achieve greatness by improving and developing your own skills through continued education and experience. Your management skills will become better each time a project is delivered successfully. The need for skilled IT project managers continues to grow as technology continues to soar. As you proceed through this course, you will learn valuable techniques and methods for applying these techniques to your projects. You will acquire a knowledge and essential skills needed to deliver projects successfully, time after time. **Duration=4.5**

#### Introduction to IT Project Management

##### **COURSE TSA-PROJ-INTITPM-0001**

Description: Do you want to increase your effectiveness as a leader in project management? Are you unsure of the key skills needed for managing an information technology (IT) project? As you proceed through this "Introduction to IT Project Management" course in the "Project Management for IT Professionals" series, you will gain valuable insight into project management with a special focus on managing IT projects. You will also acquire an understanding of how creating strategies and designing plans to deliver projects can provide consistent value and increased profits. **Duration=4.0**

# Technology Management

## OLC Course Recommendations

### IT Project Leadership, Authority & Accountability

#### COURSE TSA-PROJ-ITPROJLEAD-0001

Description: Have you ever worked on a project where many assignments were over budget? Are you looking for new ways to motivate and inspire your project team? This course will provide you with leadership skills and techniques to provide legitimate motivation to your project team that will soon have you seeing better results. In addition, the course will provide you with methods of establishing authority and accountability in an IT project to ensure the roles of all project stakeholders are defined.

**Duration=6.0**

### Managing Multiple IT Projects

#### COURSE TSA-PROJ-MNGMULTITPROJ-0001

Description: As a project manager for IT projects, do you find you are managing more than one project at a time? Multi-project environments are becoming increasingly common. This course will focus on the new skills and techniques that will prepare you and your team for multiple project work. In addition, it will teach you management techniques for the multi-project IT workplace. **Duration=5.5**

### Managing the Execution and Control of IT Projects

#### COURSE TSA-PROJ-MNGEXEITPROJ-0001

Description: Did you know that the average IT project has cost overruns of nearly 200 percent, and that almost 30 percent of all IT projects fail? Why do you think IT projects are so vulnerable to cost overruns and failure? How can you ensure that your project does not end up as one of these statistics? You can avoid being a statistic by managing project scope, cost, and scheduling. As you go through this course, you will learn valuable strategies for managing your project. You will learn about tools to manage scope, time, and cost that will aid in the successful control and execution of your project. **Duration=5.5**

### Planning Strategic IT Projects Simulation

#### COURSE TSA-PROJ-STRATPMITSIM-0001

Description: You are a project manager for Use This Consulting, Inc. Your project is to redesign the web site of Mother Earth Remedies, Inc., an e-commerce company that sells vitamins, herbal supplements, organic foods, and various natural products. Use This and Mother Earth have collaborated in the past with good results. However, as with all projects, there were some problems. The CEO of Use This has asked that you work extra hard on this project in order to retain Mother Earth as a client. This simulation is based on the series "Strategic Project Management for IT Projects." **Duration=0.5**

### Strategic Approaches to Managing IT Projects

#### COURSE TSA-PROJ-APPRCHMGNITPROJ-0001

Description: Are you looking to enhance your project management skills? Are you looking for new approaches to better manage IT projects? As you proceed through this course, you will learn new procedures and techniques that will improve your project management skills. You will learn new practices for process planning and systems management planning. You will also gain insight on how to better resource for IT projects, and understand the resourcing challenges unique to IT projects. This course will also show you how to more effectively track IT projects. **Duration=5.0**

## Technology Management OLC Course Recommendations

### **Strategic Planning and Positioning for IT Projects**

#### **COURSE TSA-PROJ-STRATPLNPOSIT-0001**

Description: Have you ever been involved in information technology (IT) projects where the client was disappointed with the deliverable? Are you looking for new approaches and strategies to help you better plan for your next IT project? As you proceed through this course, you will learn new methods of strategic project planning to help you plan more effectively for your next IT project. In addition, you will learn about the importance of strategic positioning for IT projects and the processes involved in developing a strategic position for your next IT project. **Duration=5.0**

### **The Life Cycle of an IT Project**

#### **COURSE TSA-PROJ-LIFECYCLIT-0001**

Description: Did you know that your information technology (IT) project becomes more vulnerable as it goes through the various stages of development? That's because during each stage of development the project becomes more complex, increasing the chances of something going wrong. Incorporating a structured framework for developing IT projects, also known as a life cycle, enables your corporation to implement specific guidelines, methodologies, and processes that will decrease the risk of something going wrong and increase your chances of a successful project. "The Life Cycle of an IT Project" will give you the knowledge and skills you need to define the activities involved in your project's development process. You'll learn how to determine whether each phase of development meets the requirements of the life cycle structure. You'll also learn what you can do to manage these activities and what steps you can take to increase efficiencies for delivering successful projects. **Duration=5.0**