

## **Mack (Dug) Cooley, Jr. PMP**

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### **Professional Summary**

An innovative leader with a “can do” spirit!

Dug’s expertise is in delivering business value with a changing diverse workforce. Skills in Program, Project, and System Management are applied to Global implementation and cutting edge technology. Dug has experience in leading breakthrough technology development, and managing leadership teams implementing business capability around the globe.

Dug leverages his business background, and academic education to instruct and mentor students at the University of South Florida – Tampa & Sarasota Manatee, and the State College of Florida.

### **Experience Summary**

- Adjunct Professor: USF – Tampa & Sarasota Manatee, and State College of Florida
- Information Technology Implementation and Delivery
- Systems Engineering, Project, and Program Management
- Principal Investigator for Aerospace R&D
- Overall Scope, Schedule, and Cost responsibilities for Programs
- Product Development – Business Analysis and Development
- 20 years experience in Program and Project Management – PMI certified PMP
- System Implementation – Software / Hardware Development and Integration (SDLC)
- Process Management (CMMI, 6-Sigma)
- Operational Deployment Support – Availability Analysis / RCA / Product Enhancement
- ISO / DAR / FAR / ITAR regulatory experience

### **Skills**

- Executive leadership (C level interface)
- Business and Product Development (Life Cycle Strategy)
- Complex Program & Systems Engineering Leadership
- System Level Design’s based on Business Driven Requirements
- Sub Contract Management (RFP, SOW, Deliverables Management)
- Human Resource mentoring and management
- Quality Management
- Project Management certification (PMP)
- Distance Learning and Management

### ***Education and Personal History***

- Master of Science in Computer Information Systems from Nova Southeastern University
- Master of Science in Electrical Engineering from the University of Central Florida
- Bachelor of Science in Engineering from the University of Central Florida
- PMI certified Project Management Professional
- Advanced Leadership in team diversity, and international collaboration
- Clearances held from DOD and FBI agencies

### ***Professional Experience***

IBM Global Services 1998 – Dec. 31, 2013

Certified IBM Senior Project Manager (PMP)

My IBM experience contains three distinct areas: Project Management Consulting, Application Development, and Strategic Outsourcing.

My consulting project manager assignments worked across multiple sectors which included approximately 20 IT infrastructure and business process projects. A combination of SDLC waterfall and rapid development processes were used. The project durations varied from 3 – 6 months, and financial budgets ranging from \$150K - \$800K. During these engagements, I worked with key executives to understand the business needs and issues driving the project. Working with the IBM and client teams, I led the solution and implementation phases to bring value to the client. Some of these projects required analysis, selection, and management of third party solution providers.

In addition to external project management consulting, I provided internal IBM consulting for 18 months. I worked for the Project Management competency to evaluate current project management PMO operations, evaluate best practices, and recommend process improvements.

The second experience area was managing troubled application development projects, and the complete solution to delivery of a custom application system for the U.S. Census Bureau. For the Census Bureau project, I led a team of 21 C / C++ developers in a successful 12 month project. The troubled projects included business intelligence, consumer services, and WEB applications.

The final experience area is information technology outsourcing. During the last 7 years at IBM, I performed as the Overall Transition Manager, and Portfolio / Department Manager. Responsibilities for the Overall Transition Manager included scope, schedule, and financial management for the entire project. Project durations were between 6 - 12 months. The portfolio / department manager position included teams up to 52 direct reports. Financial accountability ranged from \$5 - \$20M depending on the number of concurrent projects. A waterfall SDLC methodology was executed for all projects.

Key Experience:

- Relationship management – the ability to work across business
- Leadership - In the analysis of business needs, developing the solution, and implementation of planned solutions.
- Subcontractor management – The leadership, and direction of both Time & Material, and Fixed Price Contracts using RFI, and RPM with specific performance critical
- Global Project Management experience – Manila, Costa Rica, EU, India

Lockheed Martin Corporation 1989 - 1998

- Technical Director for Florida district of Information Systems and Technologies
- Performance Modeling Manager for FBI's Automated Fingerprint Identification System
- Systems Engineering Manager for advanced aircraft sensor systems
- Principal Investigator for Independent Research and Development projects
- Flight Simulation Manager for close air support business development
- Software Application Development Management

Parks-Jagger Aerospace / Westinghouse Electro-Optical 1984 - 1989

- Program Manager for the U.S. Coast Guard FLIR program
- Systems & Software Engineering department manager
- Program Manager for a European FLIR fire control system

Martin Marietta Corporation

- Staff Engineer – Systems Engineering

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Academic History

USF – Sarasota Manatee  
2010 to Present

- EIN 6934 Systems Integration (1 class)
- CIS 4412 IT Resource Management (4 classes)
- CIS 4512 IT Project Risk Management (2 classes)
- CIS 4515 Managing Global / Remote Teams (2 class)
- CIS 3932 Contract Management / Negotiations (2 class)
- COP 4931 Quality Issues in Project Management (3 classes)
- COP 2030 Programming Concepts (4 classes)
- ETG 4930 Programming Concepts II (1 class)

State College of Florida  
2008 to Present

- CGS 1000 Introduction to Information Technology (12 classes)
- CIS 1355 Security Engineering (2 classes)
- CIS 2321 Systems Analysis and Design (6 classes)