



Microsoft Azure

WASTC 2020 Faculty Development Weeks

Introduction to Microsoft Azure

Dates: Fully Online, June 15-19, 2020

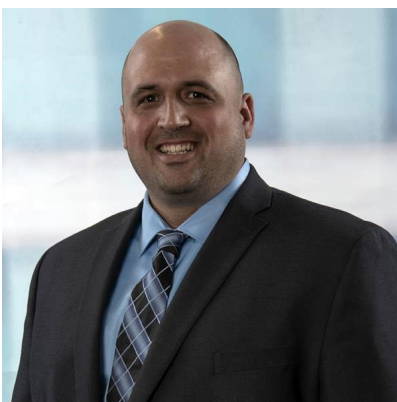
Times: Monday -Thursday 9 -11 am and 1 -3 pm (PST),
Office Hours 11 am -1 pm and Friday 9 -11 am (PST)

Workshop Overview:

Immerse yourself in the fundamentals and best practices of Microsoft Azure cloud deployments. Learn about the principle of infrastructure-as-code and how to successfully deploy resources in Azure. Students that are successful in this course have a basic understanding of servers, virtualization, and networking.

Course Topics:

- **Explore the Road to Cloud Technologies** - Learn about the cloud responsibility matrix and how cloud technologies are shifting focus from managing cables and hardware to managing costs and data.
- **Designing and implementing Compute and Storage in the Cloud** - Learn about different types of compute and storage in Azure. Develop strategies for designing redundant virtual machines and storage.
- **Connecting environments through networking in the cloud** - Learn how to connect to the cloud through the different Azure native networking technologies. Develop a connectivity plan which includes peering and egress costs.
- **Disaster Recovery, Budgeting, and Cost Analysis** - Learn about disaster recovery in Azure and the requirements for maintainable Recovery Point Objectives / Recovery Time Objectives. Perform budgeting and cost analysis for different real-world deployment scenarios.
- **Securing Cloud Resources, Platform as a Service, and Micro-services** - Learn how to implement role-based access controls and what other controls are necessary to keep the cloud environment sustainable. Learn about platform-as-a-service technologies and how to deploy web applications through App Services.
- **Cloud Design and Business Justifications** - Learn about business continuity planning and develop business justifications for transitioning workloads to Azure.



Instructor: Brent Blawat is a strategic technical adviser, four-time Published Author, and Sr. Microsoft Customer Success Manager who has a passion for the procurement of technology in profit-based organizations. Through years of consulting experience, he enjoys the unique challenges in overcoming complex architecture issues and designing solutions that make sense for the business. Brent is business-centric, while technology minded, and has many years of experience bridging the gap between technical staff and decision makers in organizations. He takes prides in his ability to effectively communicate to a diverse audience and provide strategic direction for large and small organizations alike.

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