



هفته	عنوان درس	تمرین	توضیحات
۱	فلسفه و مفاهیم پایه		
	انواع و معماری ها + interoperability		
۲	رایانش ابری و کسب و کارها		
	Cloud Economics and Pricing		
۳	مجازی سازی		
	Docker		
۴	Docker		
	Kubernetes		
۵	Kubernetes	Project	
	Microservices		
۶	Serverless	Project	
	Serverless		
۷	Cloud App Development Principels		
	Cloud App Development Principels		
۸	—	Midterm	
	Cloud Storage		
۹	Cloud Storage		
	Sustainability		
۱۰	Security & Risk Management		
	Future of Cloud		

• ارزشیابی: ۱۰ نمره امتحان پایانترم، ۴ نمره میانترم، ۴ نمره پروژه داکر، ۴ نمره طراحی معماری (جمعا ۲۲ نمره)

• منابع اصلی درس:

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2. kris Jamsa, "Cloud Computing: SaaS, PaaS, IaaS, Virtualization, Business Models, Mobile, Security and More", 2011

3. Barrie Sosinsky, "Cloud Computing Bible", 2010.

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Rajkumar Buyya, James Broberg, Andrzej Goscinski, “Cloud Computing Principles and Paradigms,” Wiley Series on Parallel and Distributed Computing, 2011.	.5
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