

O'Reilly for higher education topics

30,000 hours of video. Case studies from the brightest minds in the industry. Learning Paths, tutorials and playlists. And more than 45,000 ebooks covering hundreds of topics. O'Reilly offers you one of the largest selections of content in business and technology available today, guaranteeing your students both the breadth and depth of learning content to prepare for their careers.

The best way to understand how O'Reilly for higher education can help drive your business is to dive in and start exploring at oreilly.com/search.

On our radar

AI and machine learning (1,400 titles)

- Artificial intelligence
- Chatbots
- Computer vision
- Machine learning
 - Deep learning
 - Mahout
 - Neural networks
 - PyTorch
 - Recommender systems
 - Reinforcement learning
 - Scikit-Learn
 - Tensorflow
 - Unsupervised learning
- Natural language processing (NLP)

Programming (5,100 titles)

- .NET
- C, C++, and Objective-C
- COBOL
- Dart
- Functional programming
- Go
- JVM Languages
- Java
- Low-level languages
- Lua
- OCaml
- Perl
- Python
- Qt
- Ruby
- Swift
- Tcl/TK

Cloud platforms (1,000 titles)

- Amazon Web Services (AWS)
- Cloud Foundry
- Google Cloud Platform
- Heroku
- IBM Cloud
- Microsoft Azure
- OpenStack

Security certification (480 titles)

- CompTIA CASP
- CompTIA CSA+
- CompTIA Security+
- CBK
- CCNA Security
- CCSP
- CEH
- CISA
- CISSP
- CSSLP
- SSCP

Software architecture (490 titles)

- Architectural patterns
- Distributed systems
- Domain-driven design
- Enterprise architecture
- Evolutionary architecture
- Serverless architecture

Topics

Business (12,000 titles)

- eCommerce
- Economics
- Finance and accounting
- Gig economy
- Human resources
- Operations
- Productivity tools
- Project and product management
- Sales and marketing
- Strategy

Career development (2,000 titles)

- Personal development
- Professional communication
- Tests and education

Data (7,000 titles)

- Data engineering
 - Accumulo
 - Ceph
 - Data models
 - Data warehousing
 - Database administration
 - DynamoDB
 - Filemaker
 - GIS
 - Google BigQuery
 - Hadoop
 - Hive
 - IBM
 - Impala
 - Integration solutions
 - Kudu
 - Log data
 - Metadata
 - Microsoft Access

- NoSQL databases
- Oracle Database Solutions
- Privacy and security
- RedShift
- Relational databases
- SAP
- SQL
- Search
- Spark
- Storage formats
- Storage repositories
- Streaming and messaging
- Zookeeper
- Data science
 - Analytics platforms
 - Bioinformatics
 - Data governance
 - Data science tools
 - Data science as a profession
 - Data visualization
 - Enterprise data strategy
 - Exploratory data analysis
 - Feature extraction
 - Graph analytics
 - Statistics
 - Time series
 - Web scraping
- AI and machine learning

Design (5,000 titles)

- Branding
- Design process
- Design tools
- Fashion design

Topics

- Industrial design
- Interface design
- Music and audio
- Product design
- Virtual reality / Augmented reality
- Visual design

Hardware (1,000 titles)

- Chips and processors
- Drones
- Embedded systems
- IoT
- Kinect
- Making
- Wireless

Security (2,000 titles)

- Application security
- Digital forensics
- Frameworks and standards
- Governance
- Malware
- Network security
- Penetration testing / Ethical hacking
- **Security certifications**
- Security engineering
- Security operations

Software development (8,000 titles)

- Blockchain / Decentralized apps
- Coding practices
- Compilers
- Computer science
- Domain-specific languages
- Game development
- Graphics programming
- **Programming languages**
- QA / Testing

- **Software architecture**
- Software collaboration
- Text editors & IDEs

System administration (7,000 titles)

- Backup and recovery
- Cloud computing
 - Cloud migration
 - **Cloud platforms**
- Computer networking
- Configuration management
- Containers
- DBA
- DevOps
- Email servers
- IT certifications
- Identity / Access Management
- Infrastructure as code
- Microservices
- Monitoring
- Operating systems
- Recovery planning
- ServiceNow
- Site reliability engineering
- SysML
- Virtualization

Web and mobile (4,700 titles)

- Mobile development
 - Automation tools
 - Hybrid mobile development
 - Native Android Development
 - Native iOS development
 - Progressive web apps

Topics

- Web development
 - Adobe Flash
 - Apache Flex
 - Content management Systems
 - DreamWeaver
 - Frontend web development
 - Google Web Toolkit
 - JavaScript
 - Liferay
 - Maps on the Web
 - Microsoft expression web
 - Microsoft Silverlight
 - Node.js
 - PHP
 - Python web frameworks
 - Ruby on Rails
 - Web APIs
 - Web performance
 - Web servers
 - YUI