

Wai Y Mok
Summer 1985 - Summer 2023
Cumulative Curriculum Vitae
Professor
256-824-6980
mokw@uah.edu

Personal Information

No activities entered.

Current Position

- Position: Chair, Information Systems, Supply Chain, and Analytics
- Current Academic Rank: Professor

Contact Information

No activities entered.

Interests

No activities entered.

Degrees

1996	Ph.D., Computer Science, Brigham Young University Dissertation: Theoretical and Practical Implications of a New Definition for Nested Normal Form
1992	M.S., Computer Science, Brigham Young University Dissertation: An Algorithm to Generate Nested Relation Schemes from an Object-Relationship Model
1990	B.S., Computer Science, Brigham Young University

Professional Licensures & Certifications

Oracle PL/SQL Developer Certified Associate, Oracle

Faculty Ambassador: The 2020 cohort of the AWS Educate Cloud Ambassador Program, AWS (Amazon Web Services) Educate Cloud Ambassador Program, 2020-04-06

AWS Certified Cloud Practitioner, 2024-10-11, AWS, 66XB5DEDEBE4QK98, 2021-10-11

Work Experience

2011 - 2011

Research Fellow, City University of Hong Kong

2010 - 2010

Research Fellow, City University of Hong Kong

2009 - 2009

Senior Research Fellow, City University of Hong Kong

2008 - 2008

Senior Research Fellow, City University of Hong Kong

2007 - 2007

Research Fellow, City University of Hong Kong

2004 - 2017

Associate Professor, The University of Alabama in Huntsville, Huntsville

2001 - 2004

Assistant Professor, The University of Alabama in Huntsville, Huntsville

1999 - 2001

Assistant Professor, Utah State University

1996 - 1999

Assistant Professor, University of Akron

1994 - 1994

Instructor, Brigham Young University

1993 - 1996

Research Assistant, Brigham Young University

1992 - 1993

Assistant Lecturer, Hong Kong Polytechnic

1992 - 1992

Software Engineer, Hong Kong Motorola

Courses Taught at Other Institutions

No activities entered.

Teaching

Spring 2023

- Semester: Spring 2023
- Course Prefix: IS
- Course Number: 310
- Section: 02
- Course Title: ADVANCED PROGRAMMING

- Semester: Spring 2023
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN

- Semester: Spring 2023
- Course Prefix: IS
- Course Number: 495
- Section: 01
- Course Title: INTERN IN INFO SYSTEMS

- Semester: Spring 2023
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN

- Semester: Spring 2023
- Course Prefix: IS
- Course Number: 650
- Section: 01
- Course Title: ST: ETHICAL HACKING

Fall 2022

- Semester: Fall 2022
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN

- Semester: Fall 2022
- Course Prefix: IS
- Course Number: 460
- Section: 02
- Course Title: NETWORKING & IT INFRASTRUCTURE

- Semester: Fall 2022
- Course Prefix: IS
- Course Number: 512
- Section: 01

- Course Title: SYSTEMS ANALYSIS & DESIGN
- Semester: Fall 2022
- Course Prefix: IS
- Course Number: 560
- Section: 02
- Course Title: NETWORKING & IT INFRASTRUCTURE

Summer 2022

- Semester: Summer 2022
- Course Prefix: IS
- Course Number: 460
- Section: 01
- Course Title: NETWORKING & IT INFRASTRUCTURE
- Semester: Summer 2022
- Course Prefix: IS
- Course Number: 495
- Section: 01
- Course Title: INTERN IN INFO SYSTEMS
- Semester: Summer 2022
- Course Prefix: IS
- Course Number: 560
- Section: 01
- Course Title: NETWORKING & IT INFRASTRUCTURE
- Semester: Summer 2022
- Course Prefix: IS
- Course Number: 595
- Section: 01
- Course Title: INTERNSHIP INFORMATION SYSTEMS
- Semester: Summer 2022
- Course Prefix: MSC
- Course Number: 595
- Section: 01
- Course Title: INTERNSHIP IN MANAGEMENT SCIEN

Spring 2022

- Semester: Spring 2022
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN
- Semester: Spring 2022
- Course Prefix: IS
- Course Number: 460
- Section: 01

- Course Title: NETWORKING & IT INFRASTRUCTURE
- Semester: Spring 2022
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN
- Semester: Spring 2022
- Course Prefix: IS
- Course Number: 560
- Section: 01
- Course Title: NETWORKING & IT INFRASTRUCTURE
- Semester: Spring 2022
- Course Prefix: IS
- Course Number: 595
- Section: 01
- Course Title: INTERNSHIP INFORMATION SYSTEMS
- Semester: Spring 2022
- Course Prefix: MSC
- Course Number: 595
- Section: 01
- Course Title: INTERNSHIP IN MANAGEMENT SCIEN

Fall 2021

- Semester: Fall 2021
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN
- Semester: Fall 2021
- Course Prefix: IS
- Course Number: 460
- Section: 02
- Course Title: NETWORKING & IT INFRASTRUCTURE
- Semester: Fall 2021
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN
- Semester: Fall 2021
- Course Prefix: IS
- Course Number: 560
- Section: 02
- Course Title: NETWORKING & IT INFRASTRUCTURE

Summer 2021

- Semester: Summer 2021
- Course Prefix: HON
- Course Number: 499
- Section: H3R
- Course Title: HONORS THESIS

- Semester: Summer 2021
- Course Prefix: IS
- Course Number: 460
- Section: 01
- Course Title: NETWORKING & IT INFRASTRUCTURE

- Semester: Summer 2021
- Course Prefix: IS
- Course Number: 560
- Section: 01
- Course Title: NETWORKING & IT INFRASTRUCTURE

Spring 2021

- Semester: Spring 2021
- Course Prefix: IS
- Course Number: 310
- Section: 02
- Course Title: ADVANCED PROGRAMMING

- Semester: Spring 2021
- Course Prefix: IS
- Course Number: 310
- Section: 02R
- Course Title: ADVANCED PROGRAMMING

- Semester: Spring 2021
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN

- Semester: Spring 2021
- Course Prefix: IS
- Course Number: 460
- Section: 01
- Course Title: NETWORKING & IT INFRASTRUCTURE

- Semester: Spring 2021
- Course Prefix: IS
- Course Number: 460
- Section: 01R
- Course Title: NETWORKING & IT INFRASTRUCTURE

- Semester: Spring 2021
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN

- Semester: Spring 2021
- Course Prefix: IS
- Course Number: 560
- Section: 01
- Course Title: NETWORKING & IT INFRASTRUCTURE

- Semester: Spring 2021
- Course Prefix: IS
- Course Number: 560
- Section: 01R
- Course Title: NETWORKING & IT INFRASTRUCTURE

Fall 2020

- Semester: Fall 2020
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN

- Semester: Fall 2020
- Course Prefix: IS
- Course Number: 460
- Section: 02
- Course Title: NETWORKING & IT INFRASTRUCTURE

- Semester: Fall 2020
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: SYSTEMS ANALYSIS & DESIGN

- Semester: Fall 2020
- Course Prefix: IS
- Course Number: 560
- Section: 02
- Course Title: NETWORKING & IT INFRASTRUCTURE

Summer 2020

- Semester: Summer 2020
- Course Prefix: IS
- Course Number: 460
- Section: 01
- Course Title: TELECOMMUNICATIONS & NETWORK'G

- Semester: Summer 2020
- Course Prefix: IS
- Course Number: 560
- Section: 01
- Course Title: TELECOMMUNICATIONS & NETWRK'G

Spring 2020

- Semester: Spring 2020
- Course Prefix: IS
- Course Number: 310
- Section: 02
- Course Title: ADV COMP PROGRAMMING IN BUS

- Semester: Spring 2020
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: MODERN SYSTEM ANALYSIS & DESGN

- Semester: Spring 2020
- Course Prefix: IS
- Course Number: 460
- Section: 01
- Course Title: TELECOMMUNICATIONS & NETWORK'G

- Semester: Spring 2020
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: MODERN SYSTM ANALYSIS & DESIGN

- Semester: Spring 2020
- Course Prefix: IS
- Course Number: 560
- Section: 01
- Course Title: TELECOMMUNICATIONS & NETWRK'G

Fall 2019

- Semester: Fall 2019
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: MODERN SYSTEM ANALYSIS & DESGN

- Semester: Fall 2019
- Course Prefix: IS
- Course Number: 460
- Section: 02
- Course Title: TELECOMMUNICATIONS & NETWORK'G

- Semester: Fall 2019
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: MODERN SYSTM ANALYSIS & DESIGN

- Semester: Fall 2019
- Course Prefix: IS
- Course Number: 560
- Section: 02
- Course Title: TELECOMMUNICATIONS & NETWRK'G

Summer 2019

- Semester: Summer 2019
- Course Prefix: IS
- Course Number: 301
- Section: 01
- Course Title: INFO SYSTEMS IN ORGANIZATIONS

Spring 2019

- Semester: Spring 2019
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: MODERN SYSTEM ANALYSIS & DESGN

- Semester: Spring 2019
- Course Prefix: IS
- Course Number: 460
- Section: 01
- Course Title: TELECOMMUNICATIONS & NETWORK'G

- Semester: Spring 2019
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: MODERN SYSTM ANALYSIS & DESIGN

- Semester: Spring 2019
- Course Prefix: IS
- Course Number: 560
- Section: 01
- Course Title: TELECOMMUNICATIONS & NETWRK'G

Fall 2018

- Semester: Fall 2018
- Course Prefix: IS
- Course Number: 310
- Section: 01

- Course Title: ADV COMP PROGRAMMING IN BUS
- Semester: Fall 2018
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: MODERN SYSTEM ANALYSIS & DESGN
- Semester: Fall 2018
- Course Prefix: IS
- Course Number: 460
- Section: 01
- Course Title: TELECOMMUNICATIONS & NETWORK'G
- Semester: Fall 2018
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: MODERN SYSTM ANALYSIS & DESIGN
- Semester: Fall 2018
- Course Prefix: IS
- Course Number: 560
- Section: 01
- Course Title: TELECOMMUNICATIONS & NETWRK'G

Summer 2018

- Semester: Summer 2018
- Course Prefix: IS
- Course Number: 301
- Section: 01
- Course Title: INFO SYSTEMS IN ORGANIZATIONS

Fall 2017

- Semester: Fall 2017
- Course Prefix: IS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS
- Semester: Fall 2017
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: MODERN SYSTEM ANALYSIS & DESGN
- Semester: Fall 2017
- Course Prefix: IS
- Course Number: 512
- Section: 01

- Course Title: MODERN SYSTM ANALYSIS & DESIGN

Summer 2017

- Semester: Summer 2017
- Course Prefix: IS
- Course Number: 301
- Section: 01
- Course Title: INFO SYSTEMS IN ORGANIZATIONS

- Semester: Summer 2017
- Course Prefix: IS
- Course Number: 490
- Section: 02
- Course Title: SPECIAL PROJECTS

Spring 2017

- Semester: Spring 2017
- Course Prefix: IS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

- Semester: Spring 2017
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: MODERN SYSTEM ANALYSIS & DESGN

- Semester: Spring 2017
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: MODERN SYSTM ANALYSIS & DESIGN

Fall 2016

- Semester: Fall 2016
- Course Prefix: IS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

- Semester: Fall 2016
- Course Prefix: IS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

- Semester: Fall 2016
- Course Prefix: IS

- Course Number: 412
- Section: 01
- Course Title: MODERN SYSTEM ANALYSIS & DESGN

- Semester: Fall 2016
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: MODERN SYSTM ANALYSIS & DESIGN

Summer 2016

- Semester: Summer 2016
- Course Prefix: IS
- Course Number: 301
- Section: 01
- Course Title: INFO SYSTEMS IN ORGANIZATIONS

Spring 2016

- Semester: Spring 2016
- Course Prefix: IS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

- Semester: Spring 2016
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: MODERN SYSTEM ANALYSIS & DESGN

- Semester: Spring 2016
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: MODERN SYSTM ANALYSIS & DESIGN

Fall 2015

- Semester: Fall 2015
- Course Prefix: IS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

- Semester: Fall 2015
- Course Prefix: IS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

- Semester: Fall 2015
- Course Prefix: IS
- Course Number: 412
- Section: 01
- Course Title: MODERN SYSTEM ANALYSIS & DESGN

- Semester: Fall 2015
- Course Prefix: IS
- Course Number: 512
- Section: 01
- Course Title: MODERN SYSTM ANALYSIS & DESIGN

Summer 2015

- Semester: Summer 2015
- Course Prefix: IS
- Course Number: 301
- Section: 01
- Course Title: INFO SYSTEMS IN ORGANIZATIONS

Spring 2015

- Semester: Spring 2015
- Course Prefix: IS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

- Semester: Spring 2015
- Course Prefix: IS
- Course Number: 477
- Section: 01
- Course Title: NETWORK DEFENSE/OPERATING SYS

- Semester: Spring 2015
- Course Prefix: IS
- Course Number: 577
- Section: 01
- Course Title: NETWORK DEFENSE & OPERATING SY

Fall 2014

- Semester: Fall 2014
- Course Prefix: IS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

Spring 2014

- Semester: Spring 2014
- Course Prefix: IS

- Course Number: 420
- Section: 01
- Course Title: WEB PORTALS & APPLICATIONS

- Semester: Spring 2014
- Course Prefix: IS
- Course Number: 477
- Section: 01
- Course Title: NETWORK DEFENSE/OPERATING SYS

- Semester: Spring 2014
- Course Prefix: IS
- Course Number: 520
- Section: 01
- Course Title: WEB PORTALS & APPLICATIONS

- Semester: Spring 2014
- Course Prefix: IS
- Course Number: 577
- Section: 01
- Course Title: NETWORK DEFENSE & OPERATING SY

Fall 2013

- Semester: Fall 2013
- Course Prefix: IS
- Course Number: 420
- Section: 01
- Course Title: WEB PORTALS & APPLICATIONS

- Semester: Fall 2013
- Course Prefix: IS
- Course Number: 520
- Section: 01
- Course Title: ELECTRONIC COMMERCE

- Semester: Fall 2013
- Course Prefix: IS
- Course Number: 650
- Section: 01
- Course Title: SELECTED RESEARCH TOPICS

Summer 2013

- Semester: Summer 2013
- Course Prefix: IS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

Spring 2013

- Semester: Spring 2013
- Course Prefix: IS
- Course Number: 420
- Section: 01
- Course Title: WEB PORTALS & APPLICATIONS

- Semester: Spring 2013
- Course Prefix: IS
- Course Number: 477
- Section: 01
- Course Title: NETWORK DEFENSE/OPERATING SYS

- Semester: Spring 2013
- Course Prefix: IS
- Course Number: 520
- Section: 01
- Course Title: WEB PORTALS & APPLICATIONS

- Semester: Spring 2013
- Course Prefix: IS
- Course Number: 577
- Section: 01
- Course Title: NETWORK DEFENSE & OPERATING SY

Fall 2012

- Semester: Fall 2012
- Course Prefix: IS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

- Semester: Fall 2012
- Course Prefix: IS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

- Semester: Fall 2012
- Course Prefix: IS
- Course Number: 420
- Section: 01
- Course Title: WEB PORTALS & APPLICATIONS

- Semester: Fall 2012
- Course Prefix: IS
- Course Number: 520
- Section: 01
- Course Title: WEB PORTALS AND APPLICATIONS

Summer 2012

- Semester: Summer 2012
- Course Prefix: IS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

Spring 2012

- Semester: Spring 2012
- Course Prefix: IS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

- Semester: Spring 2012
- Course Prefix: IS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

Spring 2011

- Semester: Spring 2011
- Course Prefix: IS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

- Semester: Spring 2011
- Course Prefix: IS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

Fall 2010

- Semester: Fall 2010
- Course Prefix: IS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

- Semester: Fall 2010
- Course Prefix: IS
- Course Number: 210
- Section: 02
- Course Title: INTRO COMP PROG IN BUS

- Semester: Fall 2010
- Course Prefix: IS

- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

Summer 2010

- Semester: Summer 2010
- Course Prefix: MIS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

Spring 2010

- Semester: Spring 2010
- Course Prefix: MIS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

- Semester: Spring 2010
- Course Prefix: MIS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROG IN BUS

Fall 2009

- Semester: Fall 2009
- Course Prefix: MIS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS

- Semester: Fall 2009
- Course Prefix: MIS
- Course Number: 210
- Section: 02
- Course Title: INTRO COMP PROG IN BUS

- Semester: Fall 2009
- Course Prefix: MIS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

Spring 2009

- Semester: Spring 2009
- Course Prefix: MIS
- Course Number: 210
- Section: 01

- Course Title: INTRO COMP PROG IN BUS
- Semester: Spring 2009
- Course Prefix: MIS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROG IN BUS

Fall 2008

- Semester: Fall 2008
- Course Prefix: MIS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS
- Semester: Fall 2008
- Course Prefix: MIS
- Course Number: 210
- Section: 02
- Course Title: INTRO COMP PROG IN BUS
- Semester: Fall 2008
- Course Prefix: MIS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

Summer 2008

- Semester: Summer 2008
- Course Prefix: MIS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROGRAMMING IN BUS

Spring 2008

- Semester: Spring 2008
- Course Prefix: MIS
- Course Number: 210
- Section: 01
- Course Title: INTRO COMP PROG IN BUS
- Semester: Spring 2008
- Course Prefix: MIS
- Course Number: 310
- Section: 01
- Course Title: ADV COMP PROG IN BUS
- Semester: Spring 2008
- Course Prefix: MIS

- Course Number: 440
- Section: 01
- Course Title: WEB PROG & DATABASE INTEGRATIO

- Semester: Spring 2008
- Course Prefix: MIS
- Course Number: 540
- Section: 01
- Course Title: WEB PROG & DATABASE INTEGRATIO

Summer 2007

- Semester: Summer 2007
- Course Prefix: MIS
- Course Number: 301
- Section: 01
- Course Title: INFORMAT SYSTEMS ORGANIZ

- Semester: Summer 2007
- Course Prefix: MIS
- Course Number: 440
- Section: 01
- Course Title: WEB PROG & DATABASE INTEGRATIO

- Semester: Summer 2007
- Course Prefix: MIS
- Course Number: 540
- Section: 01
- Course Title: WEB PROG & DATABASE INTEGRATIO

Spring 2007

- Semester: Spring 2007
- Course Prefix: MIS
- Course Number: 310
- Section: 02
- Course Title: ADV COMP PROG IN BUS

- Semester: Spring 2007
- Course Prefix: MIS
- Course Number: 420
- Section: 01
- Course Title: ELECTRONIC COMMERCE

- Semester: Spring 2007
- Course Prefix: MIS
- Course Number: 440
- Section: 01
- Course Title: WEB PROG & DATABASE INTEGRATIO

- Semester: Spring 2007
- Course Prefix: MIS

- Course Number: 540
- Section: 01
- Course Title: WEB PROG & DATABASE INTEGRATIO

Fall 2006

- Semester: Fall 2006
- Course Prefix: MIS
- Course Number: 301
- Section: 01
- Course Title: INFORMAT SYSTEMS ORGANIZ

- Semester: Fall 2006
- Course Prefix: MIS
- Course Number: 420
- Section: 01
- Course Title: ELECTRONIC COMMERCE

- Semester: Fall 2006
- Course Prefix: MIS
- Course Number: 420
- Section: 02
- Course Title: ELECTRONIC COMMERCE

- Semester: Fall 2006
- Course Prefix: MIS
- Course Number: 520
- Section: 01
- Course Title: ELECTRONIC COMMERCE

- Semester: Fall 2006
- Course Prefix: MIS
- Course Number: 520
- Section: 02
- Course Title: ELECTRONIC COMMERCE

Summer 2006

- Semester: Summer 2006
- Course Prefix: MIS
- Course Number: 420
- Section: 01
- Course Title: ELECTRONIC COMMERCE

- Semester: Summer 2006
- Course Prefix: MIS
- Course Number: 520
- Section: 01
- Course Title: ELECTRONIC COMMERCE

Spring 2006

- Semester: Spring 2006
- Course Prefix: MIS
- Course Number: 420
- Section: 01
- Course Title: ELECTRONIC COMMERCE

- Semester: Spring 2006
- Course Prefix: MIS
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- Section: 02
- Course Title: ELECTRONIC COMMERCE

- Semester: Spring 2006
- Course Prefix: MIS
- Course Number: 440
- Section: 01
- Course Title: WEB PROG & DATABASE INTEGRATIO

- Semester: Spring 2006
- Course Prefix: MIS
- Course Number: 520
- Section: 01
- Course Title: ELECTRONIC COMMERCE

- Semester: Spring 2006
- Course Prefix: MIS
- Course Number: 540
- Section: 01
- Course Title: WEB PROG & DATABASE INTEGRATIO

Fall 2005

- Semester: Fall 2005
- Course Prefix: MIS
- Course Number: 420
- Section: 01
- Course Title: ELECTRONIC COMMERCE

- Semester: Fall 2005
- Course Prefix: MIS
- Course Number: 420
- Section: 02
- Course Title: ELECTRONIC COMMERCE

- Semester: Fall 2005
- Course Prefix: MIS
- Course Number: 440
- Section: 01
- Course Title: WEB PROG & DATABASE INTEGRATIO

- Semester: Fall 2005
- Course Prefix: MIS
- Course Number: 520
- Section: 01
- Course Title: ELECTRONIC COMMERCE

- Semester: Fall 2005
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- Course Number: 520
- Section: 02
- Course Title: ELECTRONIC COMMERCE

- Semester: Fall 2005
- Course Prefix: MIS
- Course Number: 540
- Section: 01
- Course Title: WEB PROG & DATABASE INTEGRATIO

Summer 2005

- Semester: Summer 2005
- Course Prefix: MIS
- Course Number: 340
- Section: 01
- Course Title: DATA BASES FOR MANAGEMENT

Spring 2005

- Semester: Spring 2005
- Course Prefix: MIS
- Course Number: 146
- Section: 03
- Course Title: COMPUTER APPL IN BUSINESS

- Semester: Spring 2005
- Course Prefix: MIS
- Course Number: 350
- Section: 01
- Course Title: ADV DATA BASES FOR MGT

- Semester: Spring 2005
- Course Prefix: MIS
- Course Number: 655
- Section: 01
- Course Title: ADV DATABASES & APPL DEV FOR M

Non-Credit Instruction Taught

No activities entered.

Teaching Innovations

Spring 2022

AWS Academy

AWS Academy Cloud Architecting

AWS Academy Data Analytics

AWS Academy Machine Learning for Natural Language Processing

Fall 2021

AWS Academy

Academy Cloud Foundations,

Academy Machine Learning Foundations, and

AWS Academy Learner Lab - Foundation Services

Student Supervision

- Title/Role of Supervision: Honors College Course Paper
- Student Name: Emily G Peyton
- Description: Her Honors College paper was an extension of her IS 560 term paper.
- Start Semester: Fall 2021
- End Semester: Spring 2022

Student Advising

No activities entered.

Scholarly Contributions and Creative Productions**Chapter**

Completed/Published

Embley, D. W., & Mok, W. Y. (2011). Mapping Conceptual Models to Database Schemas. In *Handbook of Conceptual Modeling* (pp. 123–163). Springer Berlin Heidelberg.

Paper, D., Mok, W. Y., & Rodger, J. (2004). Building Automation into Existing Business Processes. In *Annals of cases on Information Technology* (pp. 177–194).

Mok, W. Y., & Paper, P. D. (2004). Revisiting Workflow Modeling with statecharts. In *Advanced Topics in Database Research*. Idea Group Publishing.

Paper, D., Tingey, K. B., & Mok, W. Y. (2003). The Myth of Enterprise database Redesign. In P. C. Pendharkar (Ed.), *Managing Data Mining Technologies in Organizations: techniques and Applications* (pp. 123–148).

Paper, D., Tingey, K. B., & Mok, W. Y. (2003). The Relation Between BPR and ERP Systems: A Failed Project. In *Annals of cases on Information Technology* (pp. 45–60).

Conferences

Completed/Published

- Mok, W. Y. (2021). A Logical Database Design Methodology for MongoDB NoSQL Databases. *IEEE International Conference on Industrial Engineering and Engineering Management, IEEM 2021, Singapore, December 13-16, 2021*, 1451–1455.
- Mok, J. R., Mok, W. Y., & Mok, R. V. (2021). Sentence classification for contract law cases: a natural language processing approach. *ICAAIL '21: Eighteenth International Conference for Artificial Intelligence and Law, São Paulo Brazil, June 21-25, 2021*, 260–261.
- Mok, W. Y. (2020). A Feasible Schema Design Strategy for Amazon DynamoDB: A Nested Normal Form Approach. *IEEE International Conference on Industrial Engineering and Engineering Management, IEEM 2020, Singapore, December 14-17, 2020*, 903–907.
- Mok, W. Y., & Mok, J. R. (2019). Legal Machine-Learning Analysis: First Steps towards A.I. Assisted Legal Research. *The Seventeenth International Conference on Artificial Intelligence and Law, ICAIL 2019, Montreal, QC, Canada, June 17-21, 2019*, 266–267.
Best conference in Legal AI
- Mok, W. Y., & Mok, J. R. (2019). Classification of Breach of Contract Court Decision Sentences. *The Third Workshop on Automated Semantic Analysis of Information in Legal Texts (ASAIL 2019)*, 5.
- Mok, W. Y. (2018). On the Business Workflow Modeling Power with respect to Petri nets and UML activity diagrams. *International Conference on Communication Technology, System Engineering and Software Technology*.
- Mok, R. V., Mok, W. Y., & Cheung, K. Y. (2015). A Security Price Data Cleaning Technique: Reynold's Decomposition Approach. *The 2nd Annual International Symposium on Information Management and Big Data (SIMBig 2015)*, 94–98.
- Burns, L., Mok, A., W, Y., Colley, W., & N. (2014). Workflow Re-engineering through Introduction of Concurrency. *Science and Information Conference 2014*, 974–983.
- Webber, T., Mok, W., Cheung, Y., & K, Y. (2013). Proposed Use of Sharepoint to Improve New Employee. *Proceedings of DCNET/ICE-B/OPTICS 2013*, 91–98.
- Warboys, I., (Author), M., & W, Y. (2013). Infusing Electronic Documentation into Clinical Teaching. *Proceedings of the Program The Spirit of Inquiry, Beta Phi Chapter of Sigma Theta Tau International Honor Society of Nursing*.
- Mok, W., Fong, Y., & J. (2008). Service-Oriented Architecture, Web Service, XML and Higher Education. *Proceedings of First International Conference on Hybrid Learning – ICHL*.
- Mok, W., & Y. (2005). XTFDs: FDs for XML Documents, 3054–3058.
- Embley, D., Mok, W., & W, Y. (2003). Producing XML Documents with Guaranteed "Good" Properties. *SCI 2003*, 195–198.
- Mok, W., Paper, Y., & D, P. (2001). On Transformations from UML Models to Object-Relational Databases. *HICSS 2001*.
- Mok, W., & Y. (2000). A Design Strategy of Object-Relational Databases. *IRMA 2000*, 900–901.

Mok, W., Embley, Y., & D, W. (1997). An approach to efficient data clustering based on a new definition for nested normal form. *COMAD 1997*, 125–143.

Mok, W., Embley, Y., D, W., & Ng, Y. -k. (1994). Theoretical and practical implications of a new definition for nested normal form. *Proceedings of the Fifth International Conference on Information Systems and Management of Data*, 55–75.

Mok, W., Ng, Y., Y.-k., E., & D, W. (1992). An improved nested normal form for use in object-oriented software systems. *Proceedings of the Second International Computer Science Conference: Data and Knowledge Engineering: Theory and Applications*, 446–452.

Journal Publication

Completed/Published

Que, T., Mok, W. Y., & Cheung, K. Y. (2020). Testing Multi-Factor Models in ADRs: Emerging Market vs. Developed Market. *International Journal of Accounting & Finance Review*, 5, 10. 2019 ABDC Journal Quality List: ranked C

Mok, W., Mok, J. R., & Li, X. (2019). XML Template Functional and Multivalued Dependencies Validation on Legal XML Documents. *International Journal of Cooperative Information Systems*, 28, 22. 2019 ABDC Journal Quality List: ranked A

Mok, W. Y., & Mok, J. R. (2018). Extracting Relevant Sentences from Past Court Decisions: An Important First Step of A Legal Deep Learning Research Project. *International Journal of Knowledge Engineering*, 4, 17–20.

Mok, W. Y. (2018). Maximizing control flow concurrency in BPMN workflow models through syntactic means. *Business Process Management Journal*, 24, 357–383. H-index 90, accessed 7/18/2023, Business and International Management (Q1); Business, Management and Accounting (miscellaneous) (Q1)

Mok, R. V., Mok, W. Y., & Cheung, K. Y. (2017). A Security Price Data Cleaning Technique: Reynold's Decomposition Approach. *Communications in Computer and Information Science*, 656, 108–119.

Mok, W. Y., Mok, J. R., & Cheung, K. Y. (2016). On Effort and Achievement of Business Undergraduate and Graduate Students under a Disastrous Event. *International Education Studies*, 9, 230–241. <http://dx.doi.org/10.5539/ies.v9n9p230>

Mok, W. Y. (2016). Utilizing Nested Normal Form to Design Redundancy Free JSON Schemas. *International Journal of Recent Contributions from Engineering, Science & IT*, 4, 21–25.

Mok, W. Y., Fong, J., & Wong, K. (2015). Designing Redundancy-Free XML Schema: A Smallest Closure Approach. *International Journal of Cooperative Information Systems*, 29. <https://doi.org/10.1142/S0218843015500057>

Burns, L. A., Mok, W. Y., & Colley, W. N. (2014). Introducing Concurrency to Workflows: Theory and A Real-World Case Study. *International Journal of Advanced Computer Science and Applications*, 52–64.

Warboys, I. E., Mok, W. Y., & Frith, K. H. (2014). Electronic Medical Records in Clinical Teaching. *Nurse Educator*, 39, 298–301.

- Mok, W. Y., Fong, J., & Embley, D. W. (2014). Generating the fewest redundancy-free scheme trees from acyclic conceptual-model hypergraphs in polynomial time. *Information Systems, 41*, 20–44.
<http://dx.doi.org/10.1016/j.is.2013.10.009>
- Fong, J., Mok, W. Y., & Li, H. (2011). Design Non-recursive and Redundant-Free XML Conceptual Schema with Hypergraph (Extended Abstract). *Lecture Notes in Computer Science, 6637*, 40–52.
- Mok, W. Y., Fong, J., & Embley, D. W. (2010). Extracting a largest redundancy-free XML storage structure from an acyclic hypergraph in polynomial time. *Information Systems, 35*, 804–824.
- Mok, W. Y. (2008). Characterizing the MVDs That Hold in a Connected Subtree of a Join Tree: A Correction. *IEEE Transactions on Knowledge and Data Engineering, 20*, 425–426.
- Mok, W. Y. (2007). Designing nesting structures of user-defined types in object-relational databases. *Information and Software Technology, 49*, 1017–1029.
- Mok, W. Y. (2007). On utilizing variables for specifying FDs in data-centric XML documents. *Data & Knowledge Engineering, 60*, 494–510.
- Mok, W. Y., Palvia, P., & Paper, D. (2006). On the computability of agent-based workflows. *Decision Support Systems, 42*, 1239–1253.
- Mok, W. Y., & Embley, D. W. (2006). Generating compact redundancy-free XML documents from conceptual-model hypergraphs. *IEEE Transactions on Knowledge and Data Engineering, 18*, 1082–1096.
- Mok, W. Y., & Paper, D. P. (2002). Using Harel's State charts to Model Business Workflows. *Journal of Database Management, 13*, 17–34.
- Mok, W. Y. (2002). A comparative study of various nested normal forms. *IEEE Transactions on Knowledge and Data Engineering, 14*(2), 369–385.
- Embley, D. W., & Mok, W. Y. (2001). Developing XML Documents with Guaranteed Good Properties. *Lecture Notes in Computer Science, 2224*, 426–441.
- Mok, W. Y., & Embley, D. W. (1998). Using NNF to transform conceptual data models to object-oriented database designs. *Data & Knowledge Engineering, 24*, 313–336.
- Mok, W. Y., & Embley, D. W. (1997). On improving dependency implication algorithms. *Information Processing Letters, 64*, 135–141.
- Mok, W. Y. (1997). On keys and normal forms. *Information Processing Letters, 62*, 255–258.
- Mok, W. Y., & Embley, D. W. (1996). Transforming conceptual models to object-oriented database designs: Practicalities, properties, and peculiarities. *Lecture Notes in Computer Science, 1157*, 309–324.
- Mok, W. Y., Ng, Y. K., & Embley, D. W. (1996). A normal form for precisely characterizing redundancy in nested relations. *ACM Transactions on Database Systems, 21*, 77–106.

Fellows & Visiting Scholars Supported/Sponsored

No activities entered.

Contracts and Grants

Completed

Enhancing AWS Components in IS 460/560, Funded by College of Business (June 1, 2021 - December 31, 2022), awarded June 1, 2021 (**\$6,250.00**), Completed, Summer 2021, PI Wai Mok

Improving IS 460/560 and IS 477/577, Funded by College Of Business (Awarded), University of Alabama In Huntsville (May 1, 2017 - May 1, 2018) (**\$5,000.00**), Completed, Spring 2017, PI Wai Mok with Other J. Park

Mayes Family Business Excellence Endowment, Local (January 1, 2014 - January 1, 2015) (**\$3,500.00**), Completed, Fall 2015, PI Wai Mok with Other W. Mok

XML Research, Funded by City University of Hong Kong (June 13, 2011 - July 16, 2011) (**\$3,434.00**), Completed, Summer 2011, PI Wai Mok

XML Research, Funded by City University of Hong Kong (July 19, 2010 - August 8, 2010) (**\$1,622.00**), Completed, Summer 2010, PI Wai Mok

XML Research, Funded by City University of Hong Kong (May 14, 2009 - July 29, 2009) (**\$15,898.00**), Completed, Spring 2009, PI Wai Mok

XML Research, Funded by City University of Hong Kong (July 11, 2008 - August 18, 2008) (**\$6,453.00**), Completed, Summer 2008, PI Wai Mok

XML Research, Funded by City University of Hong Kong (July 10, 2007 - December 29, 2007) (**\$26,433.00**), Completed, Summer 2007, PI Wai Mok

Using Network theory to Model and Disrupt Terrorist Networks, Funded by VPR Office (awarded), University of Alabama in Huntsville (April 1, 2004 - August 1, 2004) (**\$9,998.00**), Completed, Spring 2004, PI Wai Mok

XML Schema Design, Funded by CMER (awarded), University of Alabama in Huntsville (April 1, 2002 - August 1, 2002) (**\$5,000.00**), Completed, Spring 2002, PI Wai Mok

Research In-Progress

No activities entered.

Directed Student Learning: Counts

No activities entered.

Directed Student Learning: Student Information

Fall 2016 - Ongoing

Information Systems

Membership

No activities entered.

Consulting

No activities entered.

Institutional Committees

University

Fall 2017 - Spring 2018

Faculty180 Implementation Ad Hoc Committee (Provost Office), (University of Alabama in Huntsville)

Preliminary Action Officer (Provost Office), (University of Alabama in Huntsville)

College/Division

Fall 2017 - Fall 2017

PTAC for Xuejing Xing, (College of Business)

Fall 2017 - Fall 2018

Faculty Advisory Committee (Dean Office), (College of Business)

Fall 2010 - Fall 2011

Departmental Tenure and Promotion Committee for Dr. Christopher D. Allport, (College of Business)

Department/Center

Fall 2017 - Fall 2017

Performance Review Committee for Li-Wu Hsu, (Information Systems)

Performance Review Committee for Yeolan Lee, (Information Systems)

Fall 2016 - Fall 2016

Performance Review Committee for Brinda Mahalingam, (Information Systems)

Performance Review Committee for Charles Hickman, (Information Systems)

Performance Review Committee for Jae Park, (Information Systems)

Performance Review Committee for Milton Shen, (Information Systems)

PTAC for Laird Burns, (Information Systems)

Fall 2016 - Fall 2017

Adhoc Committee, (Information Systems)

Fall 2016 - Spring 2017

Faculty Data Base Ad Hoc Committee, (Information Systems)

Fall 2015 - Fall 2015

Faculty Awards for Excellence Review Committee, (Information Systems)

Honorary Degrees and Naming Committee, (Information Systems)

Fall 2014 - Fall 2014

IS undergraduate and graduate curriculum Committee, (Information Systems)
Dean of the College of Education Search Committee, (Information Systems)
Individual Investigator Distinguished Research (IIDR) Review Committee, (Information Systems)
LEAD Program Selection Committee, (Information Systems)
Research Infrastructure Fund (RIF) Review Committee, (Information Systems)
Vice President for Student Affairs Search Committee, (Information Systems)

Fall 2014 - Fall 2015

Performance Review Committee for Milton Shen, (Information Systems)
Performance Review Committee for Sophia Marinova, (Information Systems)

Fall 2014 - Spring 2016

SACS COC Governance Committee, (Information Systems)

Fall 2013 - Fall 2015

Cyber Security Professor Search Committee, (Information Systems)

Fall 2013 - Fall 2014

Performance Review Committee for Yeolan Lee, (Information Systems)

Fall 2012 - Fall 2015

Performance Review Committee for Li-Wu Hsu, (Information Systems)

Fall 2011 - Fall 2014

Reappointment Review Committee for Charlie Hickman, (Information Systems)

Fall 2011 - Fall 2013

Performance Review Committee for Ena Rose-Green, (Information Systems)
Faculty Senate Finance and Resources Committee, (Information Systems)

Fall 2011 - Fall 2011

BSBA Core Review Committee, (Information Systems)

Fall 2011 - Fall 2012

Faculty Appeal Committee, (Information Systems)

Fall 2010 - Fall 2011

Departmental Tenure and Promotion Committee for Dr. Christopher D Allport, (Information Systems)
Departmental Tenure and Promotion Committee for Dr. David Allen, (Information Systems)
Departmental Tenure and Promotion Committee for Dr. Edward Hartono, (Information Systems)

Review Committee for Dr. Dengpan Liu, (Information Systems)

Review Committee for Dr. William I. MacKenzie, (Information Systems)

Review Committee for Dr. Xuejing Xing, (Information Systems)

Fall 2010 - Fall 2013

Reappointment Review Committee for Kelly Gamble, (Information Systems)

Fall 2009 - Fall 2010

Graduate Curriculum Committee, (Information Systems)

Reappointment Committee for Chakri Deverapalli, (Information Systems)

Reappointment Review Committee for Charlie Hickman, (Information Systems)

PTAC Member for Eric Fong, (Information Systems)

Fall 2008 - Fall 2009

Departmental Tenure and Promotion Committee for Dr. Ravi Patnayakuni, (Information Systems)

Reappointment Committee for Dr. Edward Hartono, (Information Systems)

PTAC for Dr. David Berkowitz, (Information Systems)

Reappointment Committee for Dr. Clint Chadwick, (Information Systems)

Fall 2007 - Fall 2008

Reappointment Committee for Dr. Edward Hartono, (Information Systems)

Fall 2006 - Fall 2007

Departmental Tenure and Promotion Committee for Dr. Xiatong Li, (Information Systems)

Reappointment Committee for Dr. Dengpan Liu, (Information Systems)

Reappointment Committee for Dr. Edward Hartono, (Information Systems)

Reappointment Committee for Dr. Ravi Patnayakuni, (Information Systems)

PTAC for Dr. Atul Rai, (Information Systems)

PTAC for Dr. Yeqing Bao, (Information Systems)

Fall 2005 - Fall 2006

Search Committee, (Information Systems)

Fall 2004 - Fall 2005

Information Systems Graduate Program Committee, (Information Systems)

Public Relations and New Brochures Committee, (Information Systems)

Strategic Planning Committee, (Information Systems)

Fall 2002 - Fall 2003

Search Committee, (Information Systems)

UAH Other Institutional Service**Fall 2015 - Fall 2016**

Past President, Faculty Senate

Fall 2014 - Fall 2015

Faculty Senate President, University

Fall 2013 - Fall 2014

Faculty Senate President Elect, University

Fall 2012 - Fall 2016

Information Security Club Faculty Advisor, University

ISSA UAH Student Chapter Faculty Advisor, UAH

Fall 2009 - Fall 2013

Faculty Senate

Spring 2001 - Spring 2001

observer, Graduate School

Community Service**Spring 2014 - Spring 2014**

Madison County Jury Duty

Fall 2012 - Ongoing

IS Curriculum Review Board

Professional Service**Summer 2023 - Summer 2023**

Reviewer, 2024 Hawaii International Conference on System Sciences

Spring 2018 - Spring 2018

Session Chair, ICBDA 2018 (Shanghai, China)

Fall 2016 - Fall 2016

Program Committee Member, DCNET/ICE-B/OPTICS 2016

Member, DCNET/ICE-B/OPTICS 2016

Fall 2015 - Fall 2015

Member, DCNET/ICE-B/OPTICS 2015

Fall 2014 - Fall 2014

Member, DCNET/ICE-B/OPTICS 2014

Fall 2013 - Fall 2013

Member, DCNET/ICE-B/OPTICS 2013

Fall 2010 - Fall 2010

Program Committee Member, International Conference on Hybrid Learning

Fall 2009 - Ongoing

Editorial Review Board Member, International Journal of Knowledge-Based Organizations

Fall 2009 - Fall 2009

Member, ICHL2009

Program Committee Member, International Conference on Hybrid Learning

Fall 2008 - Fall 2008

Member

Fall 2006 - Fall 2006

Member, ER 2006

Track chair, IRMA

Fall 2005 - Fall 2005

Member, IRMA

Fall 2004 - Fall 2004

Track chair

Fall 2003 - Ongoing

Editorial Review Board Member, Informing Science: the International Journal of an Emerging Transdiscipline

Fall 2000 - Ongoing

Editorial Review Board Member, Journal of Database Management

Reviewer, Journal Article, ACM Transactions on Database Systems

Reviewer, Journal Article, Data and Knowledge Engineering

Reviewer, Journal Article, IEEE Transactions on Knowledge and Data Engineering

Reviewer, Journal Article, Information and Software Technology

Other Service

No activities entered.

Honors**Spring 2015**

Resolution of The Board of Trustees of The University of Alabama, 2015, University of Alabama Board of Trustees

Spring 2014

Outstanding Service Award, 2014, College of Business Administration

Spring 2012

Membership, 2012, Beta Gamma Sigma

Spring 2006

23rd (2006) Edition of Who's Who in the World, 2006, Marquis Who's Who

Spring 2005

59th (2005) Edition of Who's Who in America, 2005, Marquis Who's Who

Spring 2003

Richard A. Witmond Faculty Fellowship, 2003, College of Administrative Science

Spring 2002

Richard A. Witmond Faculty Fellowship, 2002, College of Administrative Science
Outstanding Research Award, 2002, College of Administrative Science

Spring 2001

Membership, 2001, Phi Kappa Phi

Professional Development**Spring 2020 - Spring 2022**

AACSB Assurance of Learning Seminars I and II, Tampa, Florida, AACSB, AACSB Assurance of Learning

Fall 2014 - Fall 2015

The UAH Leadership Enhancement and Administrative Development (LEAD) Program, , , Huntsville, Alabama, The Office for Academic Affairs and the Office of Research and Economic Development, UAH, Role: Development Activities Attended

Fall 2011 - Fall 2011

MIS Department Chairs/Program Directors Conference, , Dallas, Texas, School of Management, University of Texas at Dallas, Role: Development Activities Attended