

CURRICULUM VITAE

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Statement of Teaching Philosophy

As an educator, helping students form new, significant life experiences is the essence to why I am always excited to teach. I am motivated to ensure students understand all concepts of using technology and the process of technology adoption. It is critical to prepare students on how to apply the course concepts in the real world so that can successfully implement technology oriented systems. My previous work experiences of helping faculty develop course curriculums and my own online teaching experiences have helped me to become a successful educator. Having worked in the information technology field for over ten years, I have been exposed to many technologies and tools that work well in certain environments and many technologies that do not work based on the students' needs. I ensure that I am always using the best technologies possible and that students are getting the best possible experience.

In the classroom, I inspire learning by using information technology tools, virtual guest speakers (when possible), and current research. Information technology has produced various active learning tools, blogs, engaging multimedia, and other technologies, like Twitter, Instagram and VoiceThread, which are often integrated into my classroom. I help students create connections to why the course content is relevant to them. Being a professional educator today requires the instructor to be flexible with course design and delivery and responding to meet the needs of all students. The use of web-based and mobile tools is used in all courses I teach (e.g. VoiceThread, Thinglink, etc.), which, I believe, helps strengthen the student-teacher relationship and build better professional networks. I provide multiple technologies and opportunities to students to ensure they can be in communication with me, even if it is a phone call from me asking how the course is going. I also enjoy the prospect of employing new collaboration and communication technologies to better engage students. As a professional educator, I believe course curriculum needs to always be changing and it is my job to find the best tools and technologies that will meet the students' needs successfully. Ultimately learning is a choice; therefore, I strive to help students learn and become lifelong learners.

Formal Education

EdD, Curriculum/Instruction Valdosta State University, Valdosta, GA Dissertation: Exploring Faculty Use Before and After a Learning Management System Migration: A Survey Approach	2015
MLIS, Information Science and Technology University of South Carolina, Columbia, SC	2016
MEd, Educational Technology University of South Carolina Aiken, Aiken, SC	2009
BS, Technology Support and Training Management University of South Carolina, Columbia, SC	2007

Experience

Instructor, Information Systems Technology

2015 - Present

Midlands Technical College, Columbia, SC

Teach computer technology, software application, and web programming courses to all majors.

Deliver courses in various formats, including face-to-face, hybrid, and online environments.

Create a student-centered environment and provide students with multiple opportunities to practice desired course-learning outcomes.

Redeveloped IST 226 (Internet Programming) into a fully hybrid based course. Required selecting an appropriate textbook, rewriting weekly outcomes, and creating new learning assignments/assessments.

Create a computer image each semester used in all labs throughout two campuses and 30 computer labs; image includes all the necessary software used throughout 20 computer courses.

Utilize effective classroom management skills to ensure a high-quality learning environment.

Work with individuals or small groups to present and reinforce learning concepts.

Courses Developed and/or Taught:

CPT 101:	Introduction to Computers
CPT 170:	Microcomputer Applications
CPT 172:	Microcomputer Database
IST 225:	Internet Communications
IST 226:	Internet Programming

Adjunct Online Faculty, Cybersecurity

2017 - Present

University of the Cumberlands, Williamsburg, KY

Teach online, graduate-level courses on information technology and cyber security.

Design course content for Blackboard and record instructional videos using Adobe Captivate and/or Camtasia.

Create numerous course assignments and assessments that measure all course learning outcomes.

Courses Developed and Taught:

ISOL 631:	Operations Security
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Adjunct Online Faculty, Information Technology

2017 - Present

Middle Georgia State University, Macon, GA

Teach online, undergraduate-level courses on information technology.

Design course content for D2L and record instructional content using Adobe Presenter Video Express and/or Camtasia.

Courses Developed and Taught:

ITEC 3235:	Human Computer Interaction
ITEC 4288:	Electronic Commerce Systems

Adjunct Online Faculty, Instructional Design/Technology
George Mason University, Fairfax, VA

2015 - Present

Teach online, graduate-level courses on Adobe Presenter, Captivate, instructional design practices, and educational technology research.

Utilize Blackboard, Adobe Connect, Adobe Presenter and Captivate, Camtasia, and additional Web 2.0 tools to develop course curriculum, materials, lectures, and assignments.

Mentored graduate students in the process of applying for Ph.D. programs, serve as a Committee Member for student project/thesis and instructional designer positions.

Courses Developed and Taught:

EDIT 575: eLearning Applications
EDIT 590: Educational Research in Technology

Adjunct Faculty
University of South Carolina, Columbia, SC

2013 - Present

Teach multiple classes within various departments in the face-to-face and online environments.

Utilize various Web 2.0 tools, including VoiceThread and blogging, to help students capture their learning experiences.

Design course in a hybrid-learning environment by using Blackboard and Adobe Connect.

Collaborate with assigned peer leader/graduate assistant to design course schedule and content.

Courses Developed and/or Taught:

ITEC 265: Computer Application in Business II
ITEC 362: Web-Based Support Systems
LIBR 101: Information Literacy
UNIV 101: The Student in University

Online Instructor, Information Technology
Stevens-Henager College, Ogden, UT

2012 - 2015

Taught various computer application/web programming courses via weekly two-hour synchronous lectures using Blackboard Collaborate and/or Zoom.

Advised students on possible jobs and career paths based on their educational track.

Mentored new faculty members teaching in the web programming degree program.

Designed and implemented new curriculum courses within the web design/development track.

Served as an Interim Associate Dean of Technology working with career services and advising and provided support and guidance to computer-programming students.

Courses Developed and/or Taught:

MIS 550: Systems Analysis and Design
MIS 570: Management of Information Systems
PRG 102: Programming and Design I
PRG 103: Programming and Design II
PRG 111: Web Page Programming I
PRG 249: Web Page Programming II
PRG 250: Web Page Programming III

Taught multiple face-to-face computer networking, server administration, and cyber security courses in the Associate and Bachelor level degree programs.

Collaborated with the Chair of Information Technology to improve and enhance course content to ensure the best possible student experience and increased outcome achievement.

Advised students on possible internships, career paths, and how to professional network within the local community.

Assisted in hiring and mentoring new adjunct faculty members.

Courses Taught:

NT 1110:	Computer Logic and Structure
NT 1210:	Introduction to Networking
NT 1230:	Client-Server Networking I
NT 1330:	Client-Server Networking II
NT 2799:	Network Systems Capstone
IS 3110:	Risk Management in IT

Professional Positions in Academia

University of South Carolina
Columbia, SC

Senior Instructional Designer

2013 - 2015

Designed, developed, and executed distributed learning delivery methods and trained faculty to make content ADA accessible.

Collaborated with faculty on course design, development, and implementation to incorporate the best practices and theories of instruction and achieve learning outcomes.

Applied Quality Matters standards to all instructional design projects.

Offered training and support to junior instructional designers on USC practices, methods, and delivery of distributed learning courses.

Designed and modified 45+ courses within various academic disciplines to help improve course curriculum and delivery by including technology-enabled assignments and learning activities.

Delivered workshops, seminars, and tutorials for faculty development in various aspects of distance learning and Web 2.0/3.0 tools.

Assisted the Center for Teaching Excellence in continuing a web presence.

Served as key figure in flipping classroom presence within the university.

Coordinator of Online Learning

2012 - 2013

Pioneered online and blended academic support delivery models for the Student Success Center.

Oversaw tutoring, Supplemental Instruction (SI), academic coaching, and advising by utilizing Adobe Connect and Blackboard Learn.

Collaborated with university technology administrators and personnel to investigate and implement educational technology solutions for integration in online models.

Redesigned the Student Success Center's website into Wordpress environment and provided ongoing support and maintenance.

Generated more than eight e-learning tutorials—including Appreciative Advising Inventory, Green Zone, 35 Study Tips, LASSI Sample Description of Scales—using Adobe Captivate, Blackboard, Camtasia, and Windows Movie Maker.

Supported the Student Success Center in web presences and social media needs.

Hired, trained, and managed the summer online learning intern.

Desktop Support Technician

2008 - 2009

Delivered Tier 1 and 2 support to students, staff, and faculty by diagnosing computer hardware and software issues.

Assisted with a university-wide network conversion from Novell to Windows Active Directory.

Served as a project member on selecting a provider for student email, along with managing multiple undergraduate students who tested the functionality of this system.

Augusta University

Augusta, GA

Instructional Systems Analyst

2009 - 2010

Supported multiple instructional and learning systems by delivering top-level technical support to faculty, staff, and students.

Collaborated with the Senior Instructional Systems Analyst to generate daily imports and extracts within SunGard's Banner and implementing/testing required Blackboard updates.

Implemented and conducted monthly training workshops by identifying concerns from faculty members on using Blackboard, Respondus, and other technologies.

Investigated new instructional technologies and worked with project managers and other technical staff to implement these technologies within the university (e.g., Lockdown Browser).

Professional Experience

Information Technology Trainer

2010 - 2012

South Carolina Department of Transportation, Columbia, SC

Designed various e-learning tutorials using Camtasia for the Moodle LMS environment.

Provided training to fellow technical trainers on using Moodle LMS and creating effective online learning modules using the ADDIE model and Camtasia.

Supplied assistance to Help Desk staff during heavy call volume by gracefully resolving various hardware and software issues.

Created customized, information technology-oriented courses on various computer skills and software applications.

Courses:

Introduction to Keyboarding, Introduction to Computer Concepts, Introduction to Windows XP, Microsoft Access, Excel, Outlook, Word Levels I, II, III, and SCEIS.

Entrepreneurial Experience

Ryan's IT Services

2005 - Present

Owner

Offer various I.T. consulting, computer repair, technical assistance, and web design services to diverse clients.

Create and redesign websites for various local businesses and provide web-hosting services.

Provide on-site and remote technical support to various businesses.

Perform Hardware installation, Virus removal, Networking installation, or Database creation.

Advertise and recruit new businesses using social media, phone calls, or other mediums.

Educational Training

Quality Matters

Quality Matters Master Reviewer Recertification 2017

Quality Matters Workshop: Creating a Discussion Board Rubric 2016

Quality Matters Certified Master Reviewer 2015

Quality Matters Certified Peer Reviewer 2015

Applying the QM Rubric, Quality Matters 2013

Connecting Learning Objectives and Assessments 2013

Online Learning Consortium

Online Teaching Certificate in Online Design 2014

Designing a Flipped Classroom 2014

Developing Effective Presentations 2014

Developing Rubrics 2014

Webinar on Windows Server 2012 2013
Training Concepts, Columbia, SC

Memberships and Affiliations

Scholarship Committee 2016 - Present
Midlands Technical College, Columbia, SC

Quality Matters Instructional Designers Association (QM IDA) 2014 - Present

Member of the Computer Science Teachers Association (CSTA) 2011 - Present

National Information Security Group (NAISG) 2011 - Present

Served as the program sponsor for the IT Club 2012 - 2013
ITT Technical Institute, Columbia, SC

Article Publications

Published Articles

- Rucker, R., & Frass, L. (2017). Faculty members' perceptions of support and system usage experiences when their institution of higher education migrates from Blackboard Vista learning management systems to Desire2Learn. *Journal of Educational Technology Systems, 46*(2), 259-277.
- Frass, L., Rucker, R., & Washington, G. (2017). An overview of how four institutions prepare faculty to teach online. *Journal of Online Higher Education, (1)*1. Retrieved from <https://online-shc.com/arc/ojs/index.php/JOHE/article/view/7/5>.
- Frass, L., Rucker, R., & Brown, D. (2016). Technology in the distance education classroom: An exploratory study of a college of pharmacy. *Distance Learning, 13*(4), 17-26.
- Rucker, R., & Downey, S. (2016). Faculty technology usage resulting from institutional migration to a new learning management system. *Online Journal of Distance Learning Administration, (19)*1. Retrieved from http://www.westga.edu/~distance/ojdla/spring191/rucker_downey191.html.
- Rucker, R., Edwards, K., & Frass, L. (2015). Assessing faculty experiences with and perceptions of an internal quality assurance process for undergraduate distributed learning courses: A pilot study. *Quarterly Review of Distance Education, 16*(4), 35-44.
- Rucker, R. (2015). Exploring Faculty Use Before and After a Learning Management System Migration: A Survey Approach. Dissertation. Valdosta State University, Valdosta, GA. Retrieved from <http://hdl.handle.net/10428/1940>.

Submitted for Publication

- Bickle, M., & Rucker, R. (2017). Enhancing social presence in online learning through VoiceThread. *Journal of Applied Instructional Design* (submitted for initial review).

Conference Presentations

- Bickle, M., & Rucker, R. (2017, October). Attributes contributing to satisfaction with online learning. Presented at Oktoberbest, Columbia, South Carolina.
- Bickle, M., & Rucker, R. (2017, September). You can run but you cannot hide: Building social presence in online learning through VoiceThread. Presented at Quality Matters QM Connect, Fort Worth, Texas.
- Bickle, M., & Rucker, R. (2017, June). Examination of social presence in online learning: Use of voicethread in asynchronous courses. Presented at South Carolina ReCharge, Columbia, South Carolina.
- Bickle, M., & Rucker, R. (2016, September). Benefits of using voicethread in distributed learning. Presented at Oktoberbest, Columbia, South Carolina.
- Frass, L., Rucker, R., & Washington, G. (2016, June). Faculty development: Preparing for the transition to online teaching. Paper presented at 2016 Distance Learning Administration Conference, Jekyll Island, Georgia.
- Brown, D., & Rucker, R. (2016, February). Renovating distance education classrooms: One classroom at a time. Presented at FantasTech Virtual Conference, Richmond, Virginia. Archived at <https://youtu.be/tXl0kkbnJqM>
- Rucker, R., & Frass, L. (2016, February). Voicethread: Generation z. Presented at FantasTech Virtual Conference, Richmond, Virginia. Archived at <http://youtu.be/TxWLCssc4vs>
- Rucker, R. (2015, November). Exploring faculty use before and after a LMS migration: A survey approach. Presented at National Distance Learning Week Conference, Aiken, South Carolina. Archived at <https://youtu.be/Arcl-0PpNIs>
- Rucker, R., Edwards, K., & Frass, L. (2015, June). Implementing a standardized quality assurance metric in undergraduate distributed learning courses. Presented at 2015 Distance Learning Administration

Conference, Jekyll Island, Georgia.

Frass, L., & Rucker, R. (2015, February). Implementing quality assurance standards in higher education online courses (panel discussion). Presented at FantasTech Virtual Conference, Richmond, Virginia. Archived at https://youtu.be/XAP58Y_47zU

Rucker, R., & Frass, L. (2014, November). Creating effective and interactive adobe presenter presentations: An easy approach. Presented at National Distance Learning Week Conference, Aiken, South Carolina.

Rucker, R. (2014, November). Building compelling voicethread assignments for generation z. Presented at National Distance Learning Week Conference, Aiken, South Carolina.

Edwards, K., & Rucker, R. (2014, October). Game on! Playbook for a winning distributed learning course. Presented at Oktoberbest, Columbia, South Carolina.

Rucker, R., & Bularzik, L. (2014, June). Web 2.0 for generation z: An lms approach. Presented at the Upstate Technology Conference, Greenville, South Carolina.

Rucker, R. (2012, June). Moodle 2.0. Presented at the Upstate Technology Conference, Greenville, South Carolina.

Anderson, R., & Rucker, R. (2010, October). Outsourcing student email: Innovative options in lean economic times. Presented at the South Carolina Educational Technology Conference, Myrtle Beach, South Carolina.

Rucker, R. (2009, June). Using and intergrading moodle. Presented at the Upstate Technology Conference, Greenville, South Carolina.

Conference Proceedings

Frass, L., Rucker, R., & Washington, G. (2016, June). Faculty development: Preparing for the transition to online teaching. Proceedings of the 2016 Distance Learning Administration Conference, Jekyll Island, Georgia.

Invited Presentations

Rucker, R. (2017, April). Improving student outcomes: Developing high quality courses. Opening Keynote Speaker. Presented at the 2017 Technology in Teaching Symposium, Delta State University. Archived at <https://youtu.be/xfGsRk9yksM>

Frass, L., Rucker, R., & Washington, G. (2017, February). Preparing faculty members to teach online: Comparing institutional processes. Presented at the 2017 Transforming the Teaching & Learning Environment virtual conference, Pennsylvania State System of Higher Education.

Rucker, R. (2016, November). Planning course modules: Integrating backwards design. Keynote Speaker. The University of South Carolina Aiken National Distance Learning Week Virtual Conference 2016, Aiken, South Carolina. Archived at <https://breeze.sc.edu/p2kimni5owz/>

Rucker, R. (2016, November). Changing course design: Building and ensuring quality driven courses. Keynote Speaker. The University of South Carolina Aiken National Distance Learning Week Virtual Conference 2016, Aiken, South Carolina. Archived at <https://breeze.sc.edu/p8rh99lp7lh/>

Rucker, R. (2016, April). Building course modules: The backwards approach. Keynote Speaker. Faculty workshop at BOOST Conference, Jekyll Island, Georgia.

Rucker, R. (2016, April). Rethinking course design: Building quality assurance courses. Keynote Speaker. Opening faculty session at BOOST Conference, Jekyll Island, Georgia.

Service

Midlands Technical College

Peer reviewer for the Journal of Online Higher Education	2016-Present
Active member of the Scholarship Committee	2016-Present
Moderate a monthly Twitter chat (#SCEdtChat) dedicated to discussing educational technology.	2016-Present
Provide subject matter expertise to the Director of Online Learning on best practices for implementation of a quality assurance rubric and review process for online courses.	2015-Present
Assisted in the development of Moodle and Joomla! Environments for BOOST grant.	2015-2016

George Mason University

Serve as a Committee Member on graduate student projects/thesis.	2016-Present
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University of South Carolina

Served as an evaluator for undergraduate poster presentations in computing, engineering, and information technology fields.	2014-2016
Aided grant selection committee for flipped classroom development grants.	2015
Worked as a course reviewer for the Blackboard Exemplary Course Program.	2014
Served on hiring committees for two instructional designer positions and the web/multimedia developer for The Center for Teaching Excellence	2014-2015
Volunteered to help deliver one-day camp teaching high school students how to build a computer.	2012

ITT Technical Institute

Established and oversaw a student Information Technology club.	2012-2013
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Workshops

University of South Carolina

Presented a one-hour workshop on how to get started teaching online using a quality assurance rubric for faculty and graduate teaching assistants.	2015
Presented a one-hour workshop on using Blackboard and best practices within online teaching to College of Social Work adjunct faculty members.	2015
Presented a one-hour workshop on integrating VoiceThread assignments into the classroom for faculty and graduate teaching assistants.	2014
Co-presented and delivered a one-hour workshop during New Faculty Orientation on Online and Hybrid Teaching for faculty.	2014
Co-presented and delivered a one-hour workshop on creating SCORM based quizzes within Adobe Connect for faculty.	2014
Presented a two-hour workshop on Blackboard basics as part of BEST Institute for faculty.	2013
Created and co-presented a one-hour workshop on using Blackboard and how to be successful when taking online courses to newly admitted students in the Master of Social Work program.	2013

Co-presented and taught workshop on best practices using Adobe Connect when delivering distributed learning courses to the Department of Women's Studies.	2013
Taught a workshop to the Student Success Center professional staff on creating e-learning tutorials and content using the ADDIE model.	2013
Created and facilitated multiple workshops to University Technology Services Helpdesk support team and other college IT personnel on preparing to migrate to Outlook Live.	2008
Invited to speak to a section of ITEC 544 (Training Systems) within the Department of Integrated Information Technology on commonly used instructional system models.	2008
Georgia Regents University	2010
Prepared and delivered multiple monthly workshops to faculty members on various tools within Blackboard Vista.	

Awards and Honors

2014 Two Thumbs Up Award, The Office of Student Disability Services, University of South Carolina	May 2014
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Personal Attributes

Highly qualified educator with over 5 ½ years of teaching experience in online, hybrid, blended, and face-to-face courses.

Detail oriented professional with extensive senior level management experience.

Efficiently and creatively use my experience to identify ways in which students can learn and discuss material in their course.

Quality Matters Certified Master Peer Reviewer.

Expertise in establishing academic partnerships and creating and facilitating e-learning tutorials and workshops.

Apply Student-Centric Philosophy to a variety of teaching styles and adapt instruction to students with diverse learning styles.

More than ten years of experience troubleshooting computer hardware and software issues.

Ability to excel in a demanding, outcome-oriented, and dynamic work environment.

Skilled in many disciplines such as information technology, computer and web applications, education technology and information literacy.

Skilled at Web 2.0 applications, instructional design, and management.

Keen ability to partner with students to assess needs, define strengths, and identify areas needing reinforcement, and utilize specific instruction to facilitate growth and learning.

Ability to collaborate with staff and administration to achieve school and state benchmarks success.

Adept at providing students with a rigorous and challenging education to become successful professionals and life-long learners.

Competent Subject Areas

Hardware & Software:

Microsoft Office Suite and Project, Publisher, and Visio
Windows XP, Vista, 7, 8, 10 and Mac OS X
Microsoft Windows Server 2003-2012
Adobe Dreamweaver
Blackboard Collaborate
Zoom
Joomla!
Microsoft Expression Web
Notepad++
WordPress
Adobe Connect
Adobe Presenter and Video Express
Adobe Captivate
Camtasia
HTML5, CSS, JavaScript, XML, and VB.NET
Reimaging computers
Active Directory implementation
Microsoft Visual Studio
Remote support tools
Network administration
Technology implementation
Hardware diagnostics and hardware repair
Technical support
Web 2.0/3.0 tools

Learning Management Systems:

Blackboard
D2L
MyITLab
Canvas
LearningStudio
Moodle

Subject Matter Expert:

Information Science and Technology
Library Science
Information Technology
Instructional Technology
Information Systems
Instructional Design
Curriculum & Instruction
Adult Learning Strategies
Website Development
Networking
Computer Logic
Web Page Programming
Computer Basics
Web Support
Educational Research
Internet Programming
IT Risk Management
Project Management
Corporate training
Research Methods