# George McLeland Nickles III — Curriculum Vitae

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## EDUCATION

**M.S. Instructional Technology, East Carolina University, expected 2020**
Graduate Certificate in Distance Learning and Administration, 2018

**Ph.D. Industrial and Systems Engineering, Georgia Institute of Technology, 2004**

- Emphasis in Human-Integrated Systems
- Graduate Certificate in Cognitive Science, awarded 2001
- Dissertation Title: "Work Action Analysis to Structure Planning and Formative

Research and development on supporting a new integrated curriculum via a custom-built course management system.

*Industrial and Systems Engineering*
Instructor for senior level Design of Human Integrated Systems (ISyE 4009)

*Center for the Enhancement of Teaching and Learning*
Research on current practices of end of term course surveys in higher education

**1997 –**

Production Planning and Control, IE 486 (teaching assistant)

## RESEARCH PRODUCTS

*Journal Articles*

Nickles, G. (submitted). Design factors for distance clinical experiences: A literature review.

Nickles, G. (2017). Initializing an online program: Ten themes from the literature. *International Journal of Instructional Technology and Distance Learning*. 14(7), 39-49.

Corbin, R., Carpenter, D., & Nickles, G. (2013). The Capacity of Teacher Education Institutions in North Carolina to Meet Program Approval and Accreditation Demands for Data. *International Journal of ePortfolio.* 3(1), 47-61.

Nickles, G. & Pritchett, A. (2012). Work Action Analysis: A Cognitive Engineering Method to Examine Educational Systems. *Journal of Cognitive Engineering and Decision Making*. 6(1), 112-136.

Nickles, G. (2007). Using work action analysis to identify web-portal requirements for a professional development program. *International Journal on E-Learning*. 6(4), 565-580. (Invited)

Nickles, G. (2005). Identifying measures of student behavior from interaction with a course management system. *Journal of Educational Technology Systems*, 34(1), 111-126.

Nickles, G., Melloy, B., & Gramopadhye, A. (2003). A comparison of three levels of training designed to promote systematic search behavior in visual inspection, *International Journal of Industrial Ergonomics*, 32(5), 331-339.

*Book Chapters*

Nickles, G. & Herbert, B. (2012). Connectivity in the IT-based Learning Ecology: A System Perspective, *The New Science Education Leadership: An IT-based Learning Ecology Model* (pp. 83-93): Teacher's College Press.

Nickles, G., Marshall, J., Gramopadhye, A., & Melloy, B. (2001). ASSIST: Training program for inspectors in the aircraft maintenance industry, *International Encyclopedia for Ergonomics and Human Factors* (Vol. 2, pp. 1178-1180): Taylor and Francis.

Nickles, G., & Gramopadhye, A. (2001). Using task analysis to design a computer-based inspection training program, *International Encyclopedia for Ergonomics and Human Factors* (Vol. 2, pp. 1378-1383): Taylor and Francis.

Nickles, G. (2013). *End-to-End Video for Your Class*. Presentation at DigiX. Cullowhee, NC.

Corbin, R., Nickles, G., & Carpenter, D. (2012). *Do NC IHEs have the capacity to meet future demands for data?* Presentation at the 30th Annual North Carolina Teacher

Nickles, G. (2004). *Identifying measures of student behavior from interaction with a course management system*. Presentation for the Information Technology Working Group, September 14. College Station, TX: Texas A&M University. (Invited)

Quinn, A. & Nickles, G. (2002). *The integrated curriculum delivery system*. Presented at the Cognitive Science Student Conference. Atlanta, GA: Georgia Tech

Nickles, G., Pritchett, A., & Trotti, L. (2001). *Methods of measuring teaching effectiveness in the classroom and on the internet: a survey of engineering instructors*. Presented at the American Society for Engineering Education Annual Conference, Albuquerque, NM. (Refereed)

Nickles, G. (2001). *Supporting evaluation of educational web sites through perceptual displays*. Poster presented at the Cognitive Science Student Conference. Atlanta, GA: Georgia Tech/Emory University.

Gramopadhye, A., Copel

ITWeb – A course management and delivery system designed to support an integrated

- CEAP CAEP Accreditation Steering Committee – 2017-present
- CEAP Committee (ad hoc) on the Teacher Candidate Interview – 2008
- CEAP Curriculum Committee – 2007-2016
- CEAP Directors Council– 2006-2010 (convener for 2008-2009)
- CEAP Disaster Management Committee (chair) – 2011-2016
- CEAP edTPA Implementation Commission – 2013-present
- CEAP Gamification Exploration Committee (chair) – 2014
- CEAP Leadership Council – 2006-present
- CEAP NCATE Accreditation Standard 2 Committee – 2012-2015
- CEAP Professional Examination Preparation Task Force – 2015-2016
- CEAP Social Media Strategy Committee (chair) – 2015
- CEAP Strategic Plan Implementation Team – 2019-2020
- CEAP Technology and Education Committee (chair) – 2007-2017
- CEAP Teacher Education Systems Review (chair) – 2015-2016
- Educational Research Faculty search committee – 2017

Service on the following committees – university level:

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- Chair of the NC Department of Public Instruction workgroup on Technology for Implementing Teacher Education Revisioning: 2011-2012.
- Participation

Student Nominated Faculty of the Year Award, WCU (Nominated), 2017

Staff Exemplary Service Award, College of Education and Allied Professions, WCU, 2017

College Good News Award, WCU, 2013

Presidential Fellowship, Georgia Institute of Technology, 1999-2003

Faculty Graduate Assistant of the Year, Industrial Engineering, Clemson University, 1999