

Curriculum Vita

1. Name and Academic Rank

Walter Oakford Craig, III, Assistant Professor

2. Degrees with fields, Institution, and date

BS, Physics, Southern University, May 1972

MA, Physics, University of Texas, May 1975

MS, Materials Science and Engineering, NC State Univ. May 1993

3. Academic Experience

Assistant Professor: Electronics Engineering Tech. Program SUBR (1994-) FT

Date of Original appointment: August 15, 1994.

Program Coordinator: Electronics Engineering Technology SUBR (2014-) FT

Assistant Professor: Electrical Engineering Department, Prairie View, A&M University, Prairie View, Texas (1982-1984) FT

4. Non-Academic Experience

Motorola Inc. Austin, Texas (1984-86) FT

Semiconductor Wafer Fab

Contamination Control Engineer

Western Electric – Lee Summit, Missouri (1980-1982) FT

Semiconductor Wafer Fab

Process Engineer – Diffusion and Metallization

Bendix Corporation, Kansas City, Missouri (1977-1980) FT

Materials Evaluation Engineer

5. Certifications our Professional registration

None

6. Current membership in professional organizations

Member of American Society of Engineering Educators (ASEE)

Phi Delta Kappa (Honor Fraternity in Education)

Member of the Engineering Technology Division (ETD)

7. Principal publications of last five years

IAJC-ASEE International Conference, April 29-30, 2011. Conference Proceeding paper presentation, “Strategies for Improving the Retention of Engineering & Technology students at Historically Black Colleges and Universities (HBCU’S)

Craig, W., "Strategies for Improving the Retention of Engineering and Technology Students at Historically Black Colleges and Universities (HBCU's)." **International Transaction Journal of Engineering, Management, & Applied Science and Technologies**. 2011.

Craig, W., "Preparing the Engineering Technology Graduate for the Global Marketplace." **The Technology Interface Journal**, Spring 2010, Vol. 10, No. 2

Collaborated on proposal for funding to the SU Business- Industry Cluster
Titled: Enhancement of the Mirco fabrication Clean Room Laboratory at Southern University to support teaching and research. Proposal funded at \$5000.00.
February 2011.

8. Honors and Awards

Outstanding Faculty of the Year Award for years 1997, 2003, and 2014 in the Electronics Engineering Technology program.
Program Coordinator EET (Spring 2014-present).
Certificate of completion of 20 year service award (February 2014)

9. Institutional and professional service in the last five years

Served as College of Engineering coordinator to Outlook University high school of Engineering, a high school bridge program to SU College of Engineering. (2009-2010)
Served as Senator for of College of Engineering in the University Faculty senate (2009).
Coordinator of Industry Advisory Committee for the Electronic Engineering Technology Program (2009-Present)
Served as Advisor to E-Tech Society student organization (2010-Present)
Coordinator of EET day during Engineering week for the Electronics Eng. Technology program (February 2011).

10. Professional development activities in the last five years.

Participated in the S-STEM Proposal writing workshop (April 19-20, 2009)
Arlington, Va.
Participated in Workshop in using innovative technologies to heighten student engagement and enhance teaching and learning (March 2013)
Participated in ABET Fundamentals workshop held in Starksville, MS. (October 2014).