

Page 2 (VITA for Eckward N. McKnight, Jr. ME PE)

- **2008** Combined CIS325 and CIS370 to form a single class to be taught as CIS345. The first combined class was taught in the Spring 2009.
- **2007** Attended *InfoSec Teaching Conference* at Kennesaw State on curriculum and teaching of Information Security and Data Assurance. This information is being used to create the nucleus of an Information Security core for Computer Information System at Delta State. The first class, CIS375 Principles of Information Security, was taught the fall 2007.
- **2007** Developed Casino Management Information System class GMT325 and will teach it during 2007 Summer school.

Took advanced CIS 690 Special Topics at Delta State University.

2002-2005

Sidney Cook Drilling Incorporated – Boyle, Mississippi

President and general partner in agriculture irrigation well drilling business. Performed compliance duties between the drilling operation and the Mississippi Environmental Protection Agency.

1990-2003

Delta State University

Adjunct Professor – Computer Information Systems

Teaching CIS460 – Business and Data Communications

Teaching CIS205 – Introduction to Microcomputer Applications

1997 – Present

Appointed Commissioner to the Bolivar County Drainage Commission

Was appointed as the District 5 commissioner to the Bolivar County Drainage Commission responsible for 59 miles of drainage canals within Bolivar County Mississippi.

1990-1993

General American Aircraft Company – Greenville, Mississippi

Bob Crowley, CEO and President

Vice-President of Engineering

Created the standardization between the AA5-B and the new AG5-B aircraft design. Converted design from paper and ink to digital format. Responsible for the certification and manufacturing to engineering specifications of the AG5-B aircraft. Managed six engineers and coordinated operation of the Quality Control Department. Was acting Designated Engineering Representative (DER) for the Federal Aviation Administration.

1982-1990

Delta State University – Cleveland Mississippi

Dr. Ben Mitchell, Department Chairman CIS/OAD

Instructor in Computer Information System Department

Taught classes in computer programming – BASIC, ADVANCED BASIC, PASCAL, AND ADVANCE PASCAL (CIS210, CIS310, CIS242, AND CIS342) and INTRODUCTION TO DATA PROCESSING (CIS200).

Took advance study at Central State University in Pascal, Advanced Pascal, and Advanced Programming Applications.

Started Doctoral Program at Delta State University.

1974-2000

Partner in McKnight Farms, Bolivar County Mississippi

Principal partner in a Rice-Soybean-Wheat farm located in Bolivar County Mississippi. Sold my half to my partner January 2001. Took farm from 6 row to 12 row operation with land forming of total farm for irrigation efficiency and yield maximization. When I left farming I had just started introducing Global Positioning Systems and Geographical Information Systems to the farming operation.

1973-1974

Day and Night Payne Company - Collierville, TN

Paul Vanlandingham – Production Engineering Manager
Production Evaluation Engineer.

Responsible for maintaining engineering specifications for manufacturing. Included designing and applying test equipment for specific applications (leak check equipment, air flow and cooling measurement equipment, etc.) Also, designed computerized warehouse storage and retrieval system for completed units.

1974

Sat for and passed Professional Engineering Examination for State of Mississippi. (Reg. Number 06497)

1974

Received Master of Engineering Degree from University of Louisville.

1973-1974

Memphis State University - Memphis, TN

Completed course work of Masters Degree for transfer to the University of Louisville.

1971-1973

General Electric Corporation – Major Appliance Group, Louisville, Kentucky

1971-1972 Room Air Conditioner Production Evaluation & Testing – George Stocking, Manager.

Performed evaluation on production room air conditioner units.

Performed study and evaluation on Manhattan and Brooklyn, New York repair stations to create repair technician service kits, and to determine cause of failed service calls. Report on finds was given to Appliance Group Vice-President and General Manager of Room Air Conditioner.

Page 4 (VITA for Eckward N. McKnight, Jr. ME PE)

1972-1973 Product Design Evaluation – Don Frank, Manager

Evaluated new products for performance and suitability.

1971-1973 Started in Masters Program at Speed School of Engineering at the University of Louisville. Program course work was completed at Memphis State University, and Masters Thesis completed at University of Louisville.

1969-1971

General Electric Corporation – Aircraft Engine Group – Evendale/Peebles, OH

TF-39 Testing and Evaluation Engineer – Larry Scott, Manager

Worked as a test engineer on the TF-39 Turbo Fan Engine used on the C-5A Galaxy.

- Designed and tested AWES (All Weather Evaluation System) on TF-39 for operation in heavy weather situations.
- Did noise abatement study and evaluation on TF-39 at Edwards AFB.

1968-1969

MacDonnell-Douglas Corporation – St. Louis, MO

Sept 1968-Dec1968 F-4 Center and Aft Fuselage Group – Jim Williams, Manager

Designed Field repair kits for Navy F-4C thru J Phantom aircraft.

- Designed and evaluated Smoke Probe System for the Blue Angels Navy Demonstration team.

Jan 1969-Aug 1969 Wind Tunnel and Testing Group – Don Vetrone, Manager

Designed test equipment and test models for F-15 Eagle design program.

Worked on Full Scale Mock-up of F-15 to provide proof of concept to United States Air Force procurement command.

1964-1968

Mississippi State University - State College, MS

Major Aeronautical Engineering

Graduated August 1968 – Bachelors of Science in Aerospace Engineering 2.23/3.0 GPA

Summer 1964

Delta State College Cleveland, MS

- College Algebra
- Trigonometry

1964

Graduated Cleveland High School -

Cleveland, MS

- President JETS Club
- 1st Chair Bass in Band
- Member National Honor Society
- Math Award