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Data Science Courses

Online Courses
Computing in Python:
  CS1301xI: Fundamentals and Procedural Programming
  CS1301xII: Control Structures
  CS1301xIII: Data Structures
  CS1301xIV: Objects & Algorithms

Python for Excel Users – Numpy, Pandas, etc.

The University of Texas at Austin, McCombs School of Business
Post-Graduate-Program: Data Science and Business Analytics

Python – Foundations
  Python Fundamentals and Object-Oriented Programming (OOP)
  Numpy and Pandas

Business Statistics
  Inferential Statistics
  Hypothesis Testing

Supervised Learning – Foundations
  Linear Regression
  Data Preprocessing

Supervised Learning – Classification
  Logistic Regression
  Decision Tree

Ensemble Techniques
  Bagging and Random Forest
  Boosting

Model Tuning
  Feature Engineering
  Machine Learning Pipeline and Hyperparameter Tuning

Unsupervised Learning
  K-Means Clustering
  Hierarchical Clustering and PCA

Louisiana Tech University
Mechanical Engineering Computer Applications (C++)
Computer-Aided Modeling (SolidEdge, ANSYS & NX Nastran)

Engineering and Science Courses

Louisiana Tech University
Chemistry (General)
Math for Engineering and Science I, II, III & IV (Calculus)
Engineering Problem Solving I, II & III
Physics for Engineering and Science I & II
Electrical Engineering and Circuits I
Statics & Mechanics of Materials
Advanced Mechanics of Materials
Engineering Materials
Thermodynamics I & II
Heat Transfer
Thermal Design
Cryogenic Systems
Dynamics
Dynamic Systems
Basic & Intermediate Engineering Measurements
Scientific/Tech Presentations
Elementary Fluid Mechanics
Manufacturing Processes
Machine Element Design
Dynamics of Machine Elements
Capstone Design Project I, II and III

Business Courses

University of Arkansas, Community College at Hope
Principals of Accounting I & II
Intro to Computers
English Composition I & II
College Algebra
Principles of Speech
Art Appreciation
History of Civilization to 1660
General Psychology
Sociology
Biology
Intro to Business
Macro and Micro Economics
History of the US to 1865

Business Law
Music Appreciation
Physical Science

Louisiana Tech University
Human Resource Management for Entrepreneurs
Marketing Principles & Policies
Engineering Economics
Technical Writing
Innovative Venture Research

Accomplishments

Engineer Intern (EI) – License EI.0029011, issued 6/28/2008. This indicates the passing of the Fundamentals of Engineering Exam (FE) in Louisiana (Equivalent to the "EIT" designation in other U.S. states)

Amateur (HAM) Radio Technician – FCC license: KE5FNZ

Publications

Stoneking, David R., "The Suspense Beneath Your Vehicle." The E&S: Student Perspectives on Engineering and Science Spring 2007: 19-21.

Stoneking, David R., "The Fence." The E&S: Student Perspectives on Engineering and Science Winter 2008: 13-15.