General Education

Foundations: (12 Credits)

Oral Communication (3 Credits)

☐ COMJ 1010 Public Speaking
    ☐ ~Or~ COMJ 2221 Argumentation and Debate

Quantitative Reasoning (3 Credits)

☐ MATH 1040 Mathematics of Finance
    ☐ ~Or~ MATH 1220 College Algebra
    ☐ ~Or~ MATH 1230 Trigonometry
    ☐ ~Or~ MATH 2310 Calculus for Business

Technological Literacy (3 Credits)

☐ CMSC 1040 Personal Productivity Software

Written Communication (3 Credits)

☐ ENGL 1200 College Composition

Discoveries: (9 Credits)

Natural Sciences & Technology (6 Credits)

☐ PHYS 1078 Current Questions in Science
    ☐ ~Or~ PHYS 1178 Discovering Physical Science
    ☐ ~Or~ PHYS 1278 Discovering Environmental Science

☐ STAT 2010 Statistics for Business

Social Sciences (3 Credits)

☐ ECON 2100 Principles of Microeconomics

Competencies:

Applied Methodologies

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Ethical Reasoning

☐ PHIL 3210 Engineering Ethics
    ☐ ~Or~ PHIL 3240 Environmental Ethics
    ☐ ~OR~ BSAD 3200 Business Ethics

Information Literacy

☐ ENGL 2230 Writing and the Natural Sciences
    ☐ ~Or~ENGL 2360 Literature and the Environment

Writing Intensive

☐ PHIL 3210 Engineering Ethics
    ☐ ~Or~ PHIL 3240 Environmental Ethics
    ☐ ~Or~ ENGL 3230 Technical Writing
    ☐ ~Or ~ENGL 3240 Workplace Writing

Program Requirements

Required Major Courses: (24 Credits)

☐ ATFT 2999 Applied Technology Field Training (1 to 18 credits)
    Must take 12 credit hours to satisfy major requirement

☐ BSAD 1000 Introduction to Business

☐ PHIL 3240 Environmental Ethics
    ☐ ~Or~ PHIL 3210 Engineering Ethics
    ☐ ~Or~ BSAD 3200 Business Ethics

☐ ENGL 2360 Literature and the Environment
    ☐ ~Or~ ENGL 2230 Writing and the Natural Sciences

☐ PHIL 3240 Environmental Ethics
    ☐ ~Or~ PHIL 3210 Engineering Ethics
    ☐ ~Or~ ENGL 3230 Technical Writing
    ☐ ~Or~ ENGL 3240 Workplace Writing

Major Electives: (3 Credits)

ATFT 3999 Advanced Technology Field Training (1 to 18 Credits),
BSAD, MKTG, FINA, MGMT, ECON, ITM, IENG, ECET, MECH, DGMT,
ROBO

Free Electives: (15 Credits)

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Created: 8/21/2023

Suggested Two Year Course Sequence

Year 1	Year 2

Fall Semester

COMJ 1010 Public Speaking
   ~Or~ COMJ 2221 Argumentation and Debate
ENGL 1200 College Composition
MATH 1040 Mathematics of Finance
   ~Or~ MATH 1220 College Algebra
   ~Or~ MATH 1230 Trigonometry
   ~Or~ MATH 2310 Calculus for Business
CMSC 1040 Personal Productivity Software
ATMS 1010 Fundamentals of Earth Science
   ~Or~ ATMS 1100 Introduction to Weather and Climate
   ~Or~ GEOL 1500 Dynamic Earth

Fall Semester

ATFT 2999 Applied Technical Field Training (15 crts)

Spring Semester

ECON 2100 Principles of Microeconomics
STAT 2010 Statistics for Business
PHYS 1078 Current Questions in Science
   ~Or~ PHYS 1178 Discovering Physical Science
   ~Or~ PHYS 1278 Discovering Environmental Science
PHIL 3210 Engineering Ethics
   ~Or~ PHIL 3240 Environmental Ethics
   ~Or~ BSAD 3200 Business Ethics
ENGL 2360 Literature and the Environment
   ~Or~ ENGL 2230 Writing and the Nat Sciences

Spring Semester

ATFT 2999 Applied Technical Field Training (15 crts)