

**BACHELOR OF SCIENCE—Occupational Technical Studies
Industrial Technology Emphasis
OLD DOMINION UNIVERSITY
2009-2010 Catalog**

NAME: _____
 UIN: _____
 PHONE: _____

Entrance Writing Sample Placement Test: _____

This 120-hour program is designed to prepare students to enter industry as supervisors, technical managers or trainers. This major is also available through the University's distance learning TELETECHNET system. Additional industrial technology technical emphasis tracks are available for TELETECHNET and transfer students. On approval of the program leaders, select occupational and technical studies content areas from the community college can satisfy the 30 hours of technical content for this emphasis. Requirements are as follows:

LOWER DIVISION GENERAL EDUCATION

Written Communication

ENGL 110C _____ 3
 ENGL 111C or 131C _____ 3

Oral Communication

COMM 101R, 103R, or 112R _____ 3

Mathematics

MATH 102M (Required) _____ 3
 STAT 130M (Required) _____ 3
 (3 credits General Education; 3 credits departmental)

Foreign Language

Proficiency through 102 _____ 0-6

Computer Skills

OTS 251D required _____ 3

Fine and Performing Arts

ARTH 121A, ARTS 122A, MUSC 264A, DANC 185A, _____ 3
 THEA 241A, COMM/THEA 270A

History

HIST 101H, 102H, 103H, 104H, or 105H _____ 3

Literature

ENGL 112L, 144L, or FLET 100L _____ 3

Philosophy

PHIL 110P, 120P, or 150P _____ 3

Natural Science and Technology Eight credit hours of Natural Science with labs. Additional 3 credits hours satisfied in the major by OTS 370T.

PHYS 101N _____ 4
 PHYS 102N _____ 4

Social Science

PSYC 201S _____ 3

Technical Content-General Emphasis (30 hours)

OTS 112 Communication Design _____ 3
 OTS 221 Industrial Materials _____ 3
 OTS 231 Materials and Processes Tech _____ 3
 OTS 241 Energy Sys: Basic Electricity _____ 3
 OTS 242 Technological Systems Control _____ 3
 OTS 321 Manufacturing Tech _____ 3
 OTS 323 Production Tech _____ 3
 OTS 343 Energy and Power Tech _____ 3

OTS 351 Communication Tech _____ 3
 OTS 382 Industrial Design _____ 3

Supervision (18 hours)

OTS 302 Workforce Supervision _____ 3
 OTS 370T Tech & Society (Writing Intense) _____ 3
 OTS 402 Instructional Methods
 In Occupational Studies _____ 3
 OTED 400 Instructional System Develop _____ 3
 PSYC 303 Industrial/Organizational Psych _____ 3
 HMSV 343 Human Services Methods _____ 3

Business Cognate (21 Hours)

ACCT 201 Prin of Accounting _____ 3
 MGMT 325 Contempary Org Mgmt _____ 3
 MGMT 340 Human Resources Mgmt _____ 3
 MKTG 311 Mrkt Principles/Problems _____ 3
 Approved Business Electives (3) _____ 3
 _____ 3
 _____ 3

UPPER DIVISION GENERAL EDUCATION

Option A. Approved Minor, 12-24 hours; also second degree or second major.

Option B. Cluster, 9 hours (3 hours may be in the major area of study.)

Option C. Two Upper Division courses from another college and not required by the major. (6 hours).

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, 120 credit hours, passage of the Exit Examination of Writing Proficiency, and completion of Senior Assessment.