

BACHELOR OF SCIENCE—Occupational Technical Studies

**Industrial Technology Emphasis
OLD DOMINION UNIVERSITY**

2008-2009 Catalog

Students earning the AS, AA, or AA&S (or university parallel) degree from a Virginia Community College automatically satisfy the lower division general education requirements. **General Education courses marked with * require a grade of C or better to transfer. The remaining lower division courses are automatically satisfied by the AS (including foreign language), regardless of the grade earned.** Additionally, courses in which a grade of A-C- or below were earned will not transfer. Therefore Community College degree holders who meet the General Education requirements may require additional credits to meet the 120 credit hour graduation minimum. (AS=Associate degree)

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 See [Transfer Guide](#)
ENGL 111C or 131C _____ 3 See [Transfer Guide](#)

Oral Communication

COMM 101R, 103R, or 112R _____ 3 See [Transfer guide](#)

Mathematics

MATH 102M _____ 3 MTH 158*
STAT 130M _____ 3MTH 146,157,240,241 or 242*
(3 credits General Education; 3 credits departmental)

Foreign Language

Proficiency through 102F _____ 0-6 See [Transfer guide](#)

Computer Skills

OTS 251D required _____ 3 See [Transfer guide](#)

Fine and Performing Arts _____ 3 [Transfer guide](#)

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

History _____ 3 See [Transfer Guide](#)

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

Literature _____ 3 See [Transfer guide](#)

ENGL 112L, 144L, or FLET 100L

Philosophy _____ 3 See [Transfer guide](#)

PHIL 110P, 120P, or 150P

Natural Science and Technology Two semester sequence

Natural Science-8 hours. Additional 3 credits hours satisfied in the major by OTS 370T.

PHYS 101N _____ 4 PHY 100,101,121,131*
PHYS 102N _____ 4 PHY 102,122,132*

Social Science

PSYC 201S _____ 3 PSY 201*

Technical Content-General Emphasis (30 hours)

OTS 112 Communication Design _____ 3 [ARC 210](#)
OTS 221 Industrial Materials _____ 3 [IND 180 ,185*](#)

NAME: _____

UIN: _____

PHONE: _____

OTS 231Mat/ Proc Technology _____ 3IND 113 &114 IND 115, MAC 110,206,215 (Credit will be awarded upon completion of IND 113 & 114)*

OTS 241Energy Sys:Basic Electric _____ 3ELE 113,114,115, 120,121,122,130,150,157*

OTS 242 Technological Systems Control _____ 3ELE 143,144,156 157,160,169 201,202,225,233,234,238,239,240*

OTS 321 Manufacturing Tech _____ 3

OTS 323 Production Tech _____ 3

OTS 343 Energy and Power Tech _____ 3 *

OTS 351Communication Tech _____ 3

OTS 382 Industrial Design _____ 3

Supervision (18 hours)

OTS 202 Supervision of Personnel _____ 3 *

OTS 370T Tech& Society (WI) _____ 3

OTS 402 Instructional Methods In Occupational Studies _____ 3

OTED 400 Instructional Sys Dev _____ 3

PSYC 303 Industrial/Org Psyc _____ 3

HMSV 343 Hmn Serv Coun Meth _____ 3

Business Cognate (21 Hours)

ACCT 201Prin of Accounting _____ 3 [ACC 211*](#)

MGMT 325Contempor Org Mgmt _____ 3

MGMT 340Hmn Res Management _____ 3

MKTG 311Mrkt Principles/Prob _____ 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.) _____

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.