

**ASSOCIATE OF APPLIED SCIENCE COURSES
2009-2010 Catalog Year**

Specific programs may designate or limit course options. The General Education requirements for certain programs may exceed 16 credit minimum.

COMMUNICATIONS (6 CREDITS)
See specific program requirements

MATHEMATICS (3-4 CREDITS)
See specific program requirements

DISCIPLINE STUDIES (7 CREDITS)--unless otherwise noted in a program description, students must take one course from Physical and Biological Sciences and one course from either Arts and Humanities or Social and Behavioral Sciences.

ARTS AND HUMANITIES

ART 101 Understanding Art
ART 115 Art History I
ART 116 Art History II
ENL 220 World Literature I
ENL 221 World Literature II
ENL 224 English Literature I
ENL 225 English Literature II
HUM 150 Humanities—Western World I
HUM 150 Humanities—Western World II
MUS 150 Music Appreciation
PHL 101 Introduction to Philosophy
PHL 105 Introduction to Ethics
SPT 130 Introduction to Theatre
SPT 150 Introduction to Film
SPT 155 History of Television

PHYSICAL AND BIOLOGICAL SCIENCES

BIO 100 Biology Concepts
BIO 105 Environmental Biology
BIO 160 Intro to Human Anatomy & Physiology
BIO 181 General Biology I
BIO 182 General Biology II
BIO 201 Human Anatomy and Physiology I
BIO 202 Human Anatomy and Physiology II
CHM 130 Fundamental Chemistry
CHM 151 General Chemistry I
CHM 152 General Chemistry II
GEO 111 Physical Geography
GLG 101 Introduction to Geology I—Physical
GLG 102 Introduction to Geology II—Historical
PHY 113 General Physics I
PHY 114 General Physics II

SOCIAL AND BEHAVIORAL SCIENCES

ANT 102 Cultural Anthropology
BUS 140 Principles of Economics—Macro
BUS 141 Principles of Economics—Micro
GEO 110 World Regional Geography
HIS 105 U.S. History to 1877
HIS 106 U.S. History Since 1877
HIS 155 Western Civilization to 1700
HIS 156 Western Civilization Since 1700
POS 110 American Government
PSY 101 Introduction to Psychology
PSY 200 Psychology of Adjustment
PSY 240 Developmental Psychology
SOC 120 General Sociology
SOC 121 Social Problems in America
SOC 130 Racial, Ethnic and Gender Relations
SOC 225 Sociology of the Family

INDUSTRIAL TECHNOLOGY REQUIRED ELECTIVES - A minimum of 9 credits must be taken from the following:

DRF 150 AutoCAD I
DRF 220 Technical Drafting II
DRF 250 AutoCAD II
ELC 246 Microprocessor Interfacing and Laboratory
ITP 130 Water Supply and Treatment I
ITP 131 Water Supply and Treatment II
ITP 132 Water Supply and Treatment III
ITP 140 Wastewater Collection and Treatment I

ITP 141 Wastewater Collection and Treatment II

ITP 142 Wastewater Collection and Treatment III

ITP 209 Industrial Computational Skills
ITP 210 Power Principles I
ITP 211 Power Principles II
ITP 212 Power Principles III

ITP 213 Power Principles IV
ITP 220 Instrumentation and Controls I
ITP 221 Instrumentation and Controls II
ITP 222 Instrumentation and Controls III

ITP 223 Instrumentation and Controls IV

ITP 230 Mechanical Maintenance I

ITP 231 Mechanical Maintenance II
ITP 232 Mechanical Maintenance III
ITP 233 Mechanical Maintenance IV
ITP 240 Heat Rate Improvement

ITP 250 Electrical Maintenance I
ITP 251 Electrical Maintenance II
ITP 252 Electrical Maintenance III
ITP 253 Electrical Maintenance IV