

Manufacturing Supervision Associate of Applied Science Degree

Regional employers have expressed an increasing need for employees who have the skills necessary to become competent supervisors. Employers in all industries express this need for employees with excellent communication and interpersonal skills, supervision and management skills, as well as a good technical foundation.

In addition to the general education requirements of the AAS, students will complete the following major and elective courses:

MGT130 Organization Analysis and Management.....	3
BUS 215 or ENG215 Leadership Development*.....	3
MGT266 Supervision: Middle Management*	3
BUS253 Legal Environment of Business	3
MGT171 Human Resources Management	3
MGT173 Safety Management	3
MGT114 Cost Accounting	3
MGT119 Financial Accounting	3
BUS233 Marketing	3
TEC156 Manufacturing Processes & Estimating	3
MGT131 Project Management*	3
MFG105 Supply Chain Management & Distribution	3
MFG103 Introduction to Quality Theory	3
TEC158 Quality Control & Testing Fundamentals	3
MFG100 Principles of Maintenance	3

The two hours in the Employment Area are waived for currently employed supervisors or those who are long-term employees.

GENERAL EDUCATION	21-23
MAJOR AND ELECTIVES	51

TOTAL HOURS **72-74**

*Designates that there is a prerequisite for that particular course.

General Education Courses

Associate of applied science degrees require a general education component which generally consist of college-level (non-remedial) coursework or its equivalent, including all relevant prerequisites, in each of the following curricular areas:

COMMUNICATIONS 6 HOURS

Choose two courses, from English and Communications.

Choose one written and one oral communication course.

Choose from the following communications courses:

ENG132 Applied Communications* (written)

ENG133 English Composition I*+ (written)

ENG144 Public Speaking+ (oral)

ENG167 Interpersonal Communication (oral)

TEC104 Technical Writing* (written)

HUMAN DEVELOPMENT 3 HOURS

Choose from the following human development courses:

SOC113 General Sociology

SOC140 Human Relations*

PSY113 General Psychology I+

PSY116 Applied Psychology

EMPLOYMENT..... 2 HOURS

The following two courses must be completed for most AAS degrees:

PAW106Preparation for Employment

MGT194 Management Seminar, Work Place and Life Skills

HISTORY and POLITICAL SCIENCE 3 HOURS

Choose from the following history and political science courses:

HIS123 American History I

HIS124 American History II
POS113 American National Government
POS114 American State & Local Government
POS133 International Relations

MATHEMATICS 6-7 HOURS

Choose two from the following mathematics courses:

MAT113 Intermediate Algebra*
MAT114 Applied Mathematics*
MAT123 College Algebra*+
MAT133 Trigonometry*+
MAT160 Calculus for Business/Soc. Sciences*+
MAT165 Analytic Geometry and Calculus I*
MAT215 Analytic Geometry and Calculus II*
TEC190 Technical Math I*
TEC191 Technical Math II*

PHYSICAL SCIENCE 3-4 HOURS

Choose from the following science courses:

PHS105 Applied Science
PHS110 Introduction to Physics
PHS125 Introductory Chemistry*
PHS142 College Physics*
PHS135 General Chemistry I*
PHS223 General Physics I*+
PHS248 Earth Science I
TEC107 Unified Technical Concepts I*+
TEC108 Unified Technical Concepts II*+

COMPUTER LITERACY 3 HOURS

*Designates courses with prerequisites.

+Designates recommended courses for students planning to transfer to another institution or another program in the future.