

SUPERVISION AND MANAGEMENT FOR INDUSTRY

Associate in Science Degree (CIP# 1652020501)

Valencia's Supervision and Management for Industry degree offers college credit for articulated programs with Orange and Osceola Technical College, Lake Technical College, Orlando Utilities Commission, Valencia's Accelerated Skills Training (AST) programs, Aviator College and the International Union of Painters & Allied Trades (IUPAT). This unique degree enables students to receive college credit for the technical work they have completed, and then gain the business skills needed for supervisory and management roles and upward mobility in their respective fields of training. It also provides individuals who are currently working in industry with the business skills they need to advance or become self-employed in their respective fields.

Orange and Osceola Technical College: Students from Orange and Osceola Technical College can earn (20 - 27) college credits toward this degree for completing one of the approved career certificate or apprenticeship programs.

Lake Technical College: Students from Lake Technical College can earn (24 - 27) college credits toward this degree for completing one of the following approved career certificate programs (HVAC, Automotive, Cosmetology, Diesel Systems, Welding Technology)

More information on our Technical College articulation agreements can be found on the following webpage: <https://valenciacollege.edu/academics/programs/as-degree/alternative-award-of-credit-agreements.php>

Valencia College Accelerated Skills Training (AST) programs: Students who complete one of Valencia's approved AST programs can earn (6 - 24) college credits toward this degree:

Orlando Utilities Commission (OUC): Employees from Orlando Utilities Commission who have completed training for the Line Technician I program are eligible to receive 20 credits toward this degree (15 credits for the 560 hours of training, plus 4 credits for GEB 2941 INTERNSHIP EXPLORATION IN BUSINESS and 1 credit for SLS 1303 JOB SEARCH).

Aviator College Aeronautical Science & Technology: Students who have completed the Aviation Maintenance Technician (AMT) - Airframe and Powerplant programs are eligible to receive (15 - 30) college credits toward this degree.

FAA - Airframe and Powerplant Certifications: Students who have earned the Airframe and Powerplant certifications are eligible to receive (15 - 30) college credits toward this degree.

IUPAT Apprenticeship programs: Students who have completed one of the following approved apprenticeship programs (Commercial Painting, Industrial Painting, Glazing, Drywall Finishing, Trade Show Work) from the International Union of Painters & Allied Health Trades (IUPAT) are eligible to receive 27 college credits toward this degree.

More information on the above articulation opportunities can be found under the Supervision and Management AS Degree at: <https://valenciacollege.edu/academics/programs/as-degree/credit-industry-certification-agreements.php>

Start Right

Degree-seeking students enrolling at Valencia for the first time will have a limited range of courses from which to choose for their first 18 college-level credits. Within the first 18 college credit hours, you will be required to take ENC1101 (3 credits), and if applicable, SLS 1122 (3 credits) and a mathematics course appropriate to your selected meta-major (3 credits). The remaining courses will be chosen from the General Education Core Courses in humanities (3 credits), science (3 credits), or social science (3 credits), and/or the introductory courses within the A.S. degree programs. For specific courses see the *Foundation Courses* on the "Program Requirements" tab. For course sequencing recommendations, see your Career Program Advisor or create an education plan by logging into Atlas, clicking on the LifeMap tab and clicking My Education Plan.

College Credit Technical Certificates

The Supervision and Management A.S. degree also offers the following college credit certificate programs. These certificates can put you on the fast-track to reaching your career goals. They are designed to equip you with a specialized skill set for entry-level employment or to upgrade your skills for job advancement. Most can be completed in one year or less, and all of the courses in the certificates are embedded in the A.S. degree. You can earn the certificates as you progress through your A.S. Degree or as a separate, stand-alone credential. Click on the Certificate tab at the top of the page for more information about the certificates that are offered.

- Operations Support and Services (9 credits) (CIP # 0652020502)

Potential Careers

- First Line Supervisor or Manager of Industrial Related Jobs

Salary & Earnings Information

For career information related to this program, please visit O*Net OnLine (<https://www.onetonline.org/>).

Contacts

Future Students

To learn more about this program, contact Enrollment Services at enrollment@valenciacollege.edu or 407-582-1507 or visit valenciacollege.edu/supervision-and-management-for-industry/ (<https://net1.valenciacollege.edu/future-students/degree-options/associates/supervision-and-management-for-industry/>).

Current Students

Contact the campus Career Program Advisor below for more information:

East Campus

Storm Russo, Program Chair: 407-582-2348
srusso@valenciacollege.edu
 Kerry-Ann Rawls, Career Program Advisor: 407-582-2068
krawls2@valenciacollege.edu (ejusino2@valenciacollege.edu)

West Campus

Cheri Cutter, Program Chair: 407-582-1322
ccutter1@valenciacollege.edu (bbunn@valenciacollege.edu)

Jon Sowell, Career Program Advisor: 407-582-1973
jsowell@valenciacollege.edu

Osceola Campus

Sonia Casablanca, Program Chair: 407-582-4136
scasablanca@valenciacollege.edu (mmachin1@valenciacollege.edu)
 Genevieve Stresing, Career Program Advisor: 407-582-1239

gstresing@valenciacollege.edu (czequeira@valenciacollege.edu)

Program Outcomes

- Perform the management functions
- Perform the functions in the marketing mix
- Use basic business application software
- Assess ethical issues in business situations

Foundation Courses	6
ENC 1101 FRESHMAN COMPOSITION I ^{++~}	3
GEB 1011 INTRODUCTION TO BUSINESS	3
Intermediate Courses	12
CGS 2100C COMPUTER FUNDAMENTALS AND APPLICATIONS	3
OST 1335C BUSINESS COMMUNICATIONS	3
Science or Mathematics	See Gen. Ed. Requirement ^{++~} 3
SLS 1122 NEW STUDENT EXPERIENCE	3
Advanced Courses	12
Social Science	See Gen. Ed. Core Requirement [~] 3
Humanities	See Gen. Ed. Core or Institutional Requirement [~] 3
MAN 2021 PRINCIPLES OF MANAGEMENT [*]	3
GEB 2893 SUPERVISION AND MANAGEMENT CAPSTONE	3
Articulated Credits Awarded	6-27
Credit for SLS 1301 and ETI 2943 will be awarded in accordance with successful completion of an approved program pathway as indicated below.	
Supervision and Management for Industry Electives	3-24
The number of elective credits required will be based on the number of articulated credits awarded for ETI 2943.	
Total Credit Hours	60

+ This course must be completed with a grade of C or better.

* This course has a prerequisite; check description in Valencia catalog.

~ This is a general education course.

Supervision and Management for Industry Electives	
APA 1111C COLLEGE ACCOUNTING	3
ACG 2021C PRINCIPLES OF FINANCIAL ACCOUNTING [*]	3
ACG 2460C SPREADSHEETS FOR ACCOUNTING [*]	3
ACG 2071C PRINCIPLES OF MANAGERIAL ACCOUNTING [*]	3
BUL 2241 BUSINESS LAW I [*]	3
CGS 2091C SOCIAL, LEGAL AND ETHICAL ISSUES IN INFORMATION TECHNOLOGY	3
CTS 1142C INFORMATION TECHNOLOGY PROJECT MANAGEMENT [*]	3
CTS 1155C INTRODUCTION TO CUSTOMER SERVICE AND HELP DESK CONCEPTS	3
ECO 1000 BASIC ECONOMICS ¹	3
FIN 2000 PRINCIPLES OF FINANCE	3
FIN 2051 INTERNATIONAL FINANCE [*]	3

GEB 2941 INTERNSHIP EXPLORATION IN BUSINESS [*]	1-4
GEB 2112 ENTREPRENEURSHIP [*]	3
GEB 1350 INTRODUCTION TO INTERNATIONAL BUSINESS	3
INP 1301 PSYCHOLOGY IN BUSINESS AND INDUSTRY	3
MAN 2300 INTRODUCTION TO HUMAN RESOURCES MANAGEMENT	3
MAR 2011 PRINCIPLES OF MARKETING	3
MAR 2150 INTERNATIONAL MARKETING [*]	3
MNA 2320 HUMAN RESOURCES RECRUITMENT, SELECTION AND STAFFING [*]	3
MNA 2403 HUMAN RESOURCE MANAGEMENT LAW [*]	3
MKA 2021 PRINCIPLES OF SELLING [*]	3
MKA 2511 ADVERTISING [*]	3
MTB 1103 BUSINESS MATHEMATICS	3
SBM 1000 SMALL BUSINESS MANAGEMENT	3
SLS 1303 JOB SEARCH	1
GEB 2942 INTERNSHIP IN BUSINESS [*]	1-4

Supervision and Management for Industry Articulated Elective Credits Awarded for Approved Program Pathways:

Electronic Board Assembly - Accelerated (210 hours)	Upon the completion of this program and receiving the required certifications from International Printed Circuits (IPC), students are eligible to receive 6 credits for the following courses
SLS 1301 CAREER DEVELOPMENT	3
ETI 2943 Practicum in Tech Industry	3
Total Credit Hours	6

Electronic Board Assembly (410 hours)	Upon the completion of this program and receiving the Certified Production Technician Certification, as well as the required certifications from IPC, students are eligible to receive 11 credits for the following courses
SLS 1301 CAREER DEVELOPMENT	3
ETI 2943 Practicum in Tech Industry	8
Total Credit Hours	11

Welding I and II (1050 hours)	Upon the completion of this program and receiving the required certifications from the American Welding Society, students are eligible to receive 24 credits for the following courses
SLS 1301 CAREER DEVELOPMENT	3
ETI 2943 Practicum in Tech Industry	21
Total Credit Hours	24

Computer Numerical Control Machinist (460 hours)	Upon the completion of this program and receiving the CNC Technician Certification, as well as the required certifications from the National Institute of Metalworking Skills, students are eligible to receive 12 credits for the following courses
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SLS 1301	CAREER DEVELOPMENT	3
ETI 2943	Practicum in Tech Industry	9
Total Credit Hours		12

Orlando Utilities Commission, Line Technician I (750 hours) Upon the completion of this program and becoming a Certified Line Technician, students are eligible to receive 20 credits for the following courses which includes credit for work experience

SLS 1301	CAREER DEVELOPMENT	3
ETI 2943	Practicum in Tech Industry	17
Total Credit Hours		20

Mechatronics (600 hours) Upon the completion of this program, and receiving the required certifications from the Packaging Manufacturers Institute (PMMI), students are eligible to receive 16 credits for the following courses.

SLS 1301	CAREER DEVELOPMENT	3
ETI 2943	Practicum in Tech Industry	13
Total Credit Hours		16

Orange and Osceola Technical College programs consisting of (750) clock hours:

- Massage Therapy (750 Hours)

Upon Successful completion of the approved programs listed above and with the required certification/licensure, students are eligible to receive 20 credits for the following courses:

SLS 1301	CAREER DEVELOPMENT	3
ETI 2943	Practicum in Tech Industry	17
Total Credit Hours		20

Orange and Osceola Technical College programs consisting of (900 - 1450) clock hours:

- Heating, Ventilation, Air Conditioning/Refrigeration (1350 Hours)
- Automotive Collision Technology Technician (1400 Hours)
- Automotive Service Technology I (1050 Hours)
- Barbering (1200 Hours)
- Cosmetology (1200 Hours)
- Digital Photography Technology (1050 Hours)
- Electricity (1200 Hours)
- Fashion Technology & Production Services (1050 Hours)
- Pharmacy Technician (1050 Hours)
- Plumbing Technology (960 Hours)
- Welding (Applied Welding Technologies) (1050 hours)

Upon Successful completion of one of the approved programs listed above and with the required licensure, certification or portfolio assessment, students are eligible to receive 24 credits for the following courses:

SLS 1301	CAREER DEVELOPMENT	3
ETI 2943	Practicum in Tech Industry	21
Total Credit Hours		24

Orange and Osceola Technical College programs consisting of (1,500 – 1,800) clock hours:

- Advanced Automotive Technology - Toyota (2400 Hours)
- Automotive Service Technology II (1800 Hours)
- Diesel Systems Technology (Med/Heavy Duty Truck/Bus Technician) (1800 Hours)
- Machining Technologies (1500 Hours)

Registered Apprenticeship programs of at least 2 years:

- Air Conditioning, Refrigeration & Heating Technology
- Brick & Block Masonry
- Building Maintenance
- Electrical
- Fire Sprinkler Systems Technology
- Industrial Pipe Fitter
- Mechanical
- Plumbing
- Structural Steel

Upon Successful completion of one of the approved programs listed above and with the required licensure, certification and school transcripts, students are eligible to receive 27 credits for the following courses:

SLS 1301	CAREER DEVELOPMENT	3
ETI 2943	Practicum in Tech Industry	24
Total Credit Hours		27

- * This course has a prerequisite; check description in Valencia catalog.
- 1 This course may be used for Supervision and Management for Industry Electives credit if not being used as a General Education requirement.

Notes:

Students who have completed a similar training program within three years, and have earned the required industry license or certification(s), may also be eligible to receive credit. Please see the Career Program Advisor in your academic department for more information on the eligibility requirements.

Expand your career opportunities with a Bachelor's Degree in Business and Organizational Leadership (BASBOL) from Valencia. This degree builds on your skills, and prepares you for a supervisory or management role within your respective field. For more information, go to: Bachelor's Degree in Business & Organizational Leadership (<http://catalog.valenciacollege.edu/degrees/bachelorofscience/bas/>). Students who wish to continue their education should consult with a Career Program Advisor to determine the best education plan for their career goals.

Students wishing to transfer credits from this program to another institution must accept responsibility for securing approval from the transfer institution for acceptance of this degree.

Specialized courses may not be offered every session or on every campus.

Supervision and Management for Industry: Aviator College Aviation Maintenance Technician Track Program Program Outcomes

- Perform the management functions
- Apply effective leadership and motivational strategies
- Compare selected theories of management
- Develop a successful business strategy
- Perform the functions of the marketing mix
- Demonstrate knowledge of business application software
- Assess ethical issues in business situations

Foundation Courses	6
ENC 1101 FRESHMAN COMPOSITION I ^{++~}	3
CGS 2100C COMPUTER FUNDAMENTALS AND APPLICATIONS	3
Intermediate Courses	9
SLS 1122 NEW STUDENT EXPERIENCE	3
Science or Mathematics See Gen. Ed. Requirement ^{++~}	3
Social Science See Gen. Ed. Core Requirement [~]	3
Advanced Courses	15
Humanities See Gen. Ed. Core or Institutional Requirement [~]	3
AVM 1010 AVIATION MAINTENANCE AND BUSINESS OPERATIONS	6
ASC 2870 AVIATION SAFETY MANAGEMENT SYSTEMS AND OPERATIONAL RISK	3
GEB 2893 SUPERVISION AND MANAGEMENT CAPSTONE	3
Articulated Credits Awarded	15-30

Please refer to the approved certification programs for the number of articulated credits eligible. (Note: If you only have one of the required FAA certifications, you will be eligible to receive 15 credits. If you have both of the required FAA certifications, you will be eligible to receive a total of 30 credits).

Supervision and Management for Industry Aviation Maintenance Technician Track Electives Requirement 0-15

The number of electives required will be based on the number of articulated credits that you receive.

Total Credit Hours 60

- + This course must be completed with a grade of C or better.
- * This course has a prerequisite; check description in Valencia catalog.
- ~ This is a general education course.

Supervision and Management for Industry: Aviation Maintenance Technician Track Articulated Credits Awarded for Approved Program Pathways:

FAA Airframe certification	Upon completion of the FAA 14 CFR Part 147 Aviation Maintenance training program and receiving the FAA Airframe certification (must be issued not more than three years preceding the date of enrollment), students are eligible to receive the following 15 credits.
SLS 1301 or Elective	CAREER DEVELOPMENT 3
ETI 2943	Practicum in Tech Industry 12
Total Credit Hours	15
FAA Powerplant certification	Upon completion of the FAA 14 CFR Part 147 Aviation Maintenance training program and receiving the FAA Powerplant certification (must be issued not more than three years preceding the date of enrollment), students are eligible to receive the following 15 credits.
SLS 1301 or Elective	CAREER DEVELOPMENT 3
ETI 2943	Practicum in Tech Industry 12
Total Credit Hours	15

Operations Support and Services

Technical Certificate

This program prepares students for entry level employment in the area of operations support and/or to provide supplemental training for persons previously or currently employed in this area. The content includes but is not limited to communication skills, supervision skills, employability skills, and general business procedures and operation.

Program Outcomes

- Use basic business applications software
- Compare selected theories of management

GEB 1011 or GEB 2861	INTRODUCTION TO BUSINESS BUSINESS PROBLEMS ANALYSIS	3
GEB 1220 or ENC 1101	WRITING AND SPEAKING IN BUSINESS FRESHMAN COMPOSITION I	3
CGS 2100C	COMPUTER FUNDAMENTALS AND APPLICATIONS	3
Total Credit Hours		9