



WILCO AREA CAREER CENTER

2027-2028 COURSE OFFERINGS

www.wilco.k12.il.us

The Wilco Area Career Center ensures that all individuals have equal opportunities and that all students receive equal educational opportunities, regardless of race, color, religion, creed, national origin, gender, age, ancestry, physical or mental handicap, or disability, or other characteristics protected by law.

At Wilco, we understand that each student has unique needs and commitments. That's why our programs are designed to offer career-based courses with a flexible scheduling option. Students can choose from three sessions, with courses conveniently scheduled at their home school. Adaptability ensures that students can find a schedule that suits their needs, making it easier to balance education with other responsibilities. Please note that some programs or levels may not be available each session.

Session 1 7:40 a.m. - 9:50 a.m.

Session 2 9:40 a.m. - 11:50 a.m.

Session 3 12:26 p.m. - 2:10 p.m.

ACE: ARCHITECTURE, CONSTRUCTION MANAGEMENT, AND ENGINEERING

This senior-only dual-enrollment program provides students with a thorough understanding of the skills and knowledge needed for a successful career in the built environment. This includes fields like architecture, building engineering, construction management, and more. We know this can be a challenging but fulfilling journey, and we are here to support you every step of the way. Our relevant and rigorous college courses provide a strong foundation in the key areas of the building industry. Each ACE class covers terminology, processes, skills, and industry-specific topics to provide students with a comprehensive overview of the fundamentals of building and construction. The ACE program is perfect for students interested in the built environment and potential careers in construction. Earning 12 college credits, students will receive a Certificate of Completion in Basic Construction, a college credential from JJC. These credits can be applied toward further study at JJC or used as a foundation for additional education elsewhere.

Students are required to provide their own transportation to and from class at Joliet Junior College (JJC) Main Campus, M-Th 12:30 p.m.- 1:45/2:15 p.m., and schedule to follow JJC calendar, including holidays, spring break, etc. A JJC registration application for the program is required.

State Course Number: 21012A001

Dual Credit: Joliet Junior College ACH100, CM100, EGR105, AEC106, AEC229, OPS111, SET100 (12 credit hours).

Certifications may include: OSHA 10-hour Construction Safety (1 credit hour)

Guidance Note: Senior-only program. Documentation of a 95% attendance rate, a 3.0 GPA, and a record of good behavior. It is recommended that students have earned a 'C' or higher in all mathematics courses and have senior status.



Application

AET: APPLIED ENGINEERING TECHNOLOGY

This senior-only dual-enrollment program at Joliet Junior College Main Campus will offer opportunities to focus on applying and implementing design theory. During the first semester, students will engage in classroom lessons and hands-on shop activities. The shop experience emphasizes exercises and procedures that demonstrate the basic processes and operations of using hand tools, layout tools, and machine tools such as vertical saws, drill presses, engine lathes, vertical milling machines, and surface grinders. In the classroom, emphasis is placed on theoretical information essential for setting up and operating machine tools and performing basic processes in the machine shop. In the second semester, students will gain knowledge and skills in numerical control and computer programming procedures. The course will also include hands-on experience programming, setting up, and operating an NC milling and drilling machine, as well as a CNC milling and drilling machine. Students will become familiar with Windows NT and the computer program "Notepad." Additionally, students will work to develop a high level of skill in visualizing, applying, and interpreting machining and welding symbols and specifications. The course also covers reading diagrams.

Students are required to provide their own transportation to and from class at Joliet Junior College's Main Campus, following Wilco's 3rd-block daily schedule. A JJC registration application for the program is required.

State Course Number: 13203A005, 13203A006

Dual Credit: Joliet Junior College MFG101, MFG 111, MFG 115. (11 credit hours)

Guidance Notes: Senior-only program. Documentation of a 95% attendance rate, a 3.0 GPA, and a record of good behavior. Solid math skills are needed.



Application

AIM: ADVANCED INTEGRATED MAINTENANCE

This senior-only dual-enrollment program is offered in partnership with Joliet Junior College Main Campus on Houbolt Rd in Joliet, IL. Students will enroll in four distinct college courses designed to develop skills and awareness in heating, ventilation, and air conditioning; industrial maintenance; basic wiring and circuit design; and industrial fluid power. They will learn about OSHA safety programs, maintenance physics, hand and power tools, precision measurement, technical diagrams and assembly prints, fastening devices, lubrication, basic pump operation, and pipefitting procedures. The program covers the principles of hydraulics and pneumatics, including fluid theory and typical industrial circuits. Students will construct fluid power circuits used in industrial applications. The curriculum then introduces the fundamentals of electrical and electronic circuits, including how to calculate and measure voltage, current, resistance, and power, with a focus on safe meter use, reading prints, and exposure to current industry technologies. Topics include introductory residential wiring, operation of AC motors, industrial solid-state devices, variable frequency drives, industrial controls, and single-phase and three-phase power distribution. Students will also learn skills necessary to safely operate electronic test equipment on low- and high-voltage components, as well as an introduction to installation, service, troubleshooting, and repair of various electrical controls, circuits, and components.

Students are required to provide their own transportation to and from class. A JJC registration application for the program is required.

State Course Number: 13302A001, 13302A002

Dual Credit: Joliet Junior College IMT101, IMT121, EEAS111, EEAS101 (14 credit hours).

Guidance Notes: Senior-only program. Documentation of a 95% attendance rate, a 3.0 GPA, and a record of good behavior. Solid math skills are needed.



Application

AUTO SERVICE (MECHANICS) I

The two-year auto service program, taught by ASE-certified instructors, is designed to train students for entry-level automotive technician roles and/or prepare them for post-secondary programs. Students' knowledge of measurement, estimation, and algebra, along with a course in technology, would be advantageous. First-year students will develop vehicle maintenance and repair skills, including brakes, steering, and suspension, and will also learn the basics of electrical systems and engine performance sensors. The curriculum follows the National Automotive Technicians Education Foundation (NATEF) format. This program aims to prepare students for the Automotive Service Excellence (ASE) certification exams. Students will need to purchase a Wilco work shirt, safety glasses, and nitrile gloves. The Ford ACE program is offered as part of the curriculum.

Estimated Cost: \$50.00 and \$36(\$12/JJC credit hour).

State Course Number: 20104A001, 20104A002

Dual Credit: Joliet Junior College AS101(3 credit hours)

Certifications may include: OSHA 10-hour General Industry

Exceptions: Lockport Students cannot register for this program

Guidance Notes: 70% of the time in the lab, assignment, and test for each area/chapter.

AUTO SERVICE (MECHANICS) II

Second-year students will continue their electrical and engine performance training after successfully completing Auto Service 1. Students will complete labs involving diagnosing electrical circuits, sensors, drivability issues, check engine lights, and emission-related problems. Upon finishing this two-year course, students may earn college credits towards Nashville Auto Diesel or Joliet Junior College. Students are encouraged to further their training through a suitable technical school, college, manufacturer's program, or university. The curriculum follows the National Automotive Technicians Education Foundation (NATEF) format. This program prepares students for the Automotive Service Excellence (ASE) certification. Students should bring safety glasses, work shirts, and nitrile gloves. Replacement items are available for an additional fee. The Mercedes-Benz Connect program is offered as part of the curriculum.

State Course Number: 20148A002

Dual Credit: Joliet Junior College AS106(3 credit hours).

Estimated Cost: \$50.00 Student fee and \$36.00-\$48.00(\$12/JJC credit hour).

Certifications may include: OSHA 10-hour General Industry

Exceptions: Lockport Students cannot register for this program

Guidance Notes: 70% of time in the lab, assignment, and test for each area/chapter.

AVIATION GROUND SCHOOL

This senior-only program provides students with aviation ground school instruction and hands-on experiences designed to prepare them for FAA examinations and aviation career pathways. Students will study aircraft systems, aerodynamics, flight instruments, federal aviation regulations, airspace, weather, navigation, airport operations, and aeronautical decision-making. The curriculum prepares students for the FAA Private Pilot Knowledge Test and FAA Part 107 Remote Pilot Knowledge Test.

Students will complete the FAA TRUST Certificate and receive preparation for commercial drone certification. Students will receive approximately 2.5 - 3 hours of Redbird LD flight simulator experience with a JWA flight instructor and participate in hands-on sUAS (drone) flight, safety, and maintenance training in the JWA hangar. The course has 128 contact hours (approximately 120 lecture/8 lab).

Students are required to provide their own transportation to and from Clow Airport. A Lewis registration application for the program is required.

Estimated Cost: FAA Part 107 Knowledge Test – approximately \$175 per attempt. Additional FAA examination fees may apply. FAA TRUST Certificate is free.

Certifications may include: FAA TRUST Certificate, FAA Part 107 Remote Pilot Certificate, FAA Private Pilot Knowledge Test, and FAA Ground Instructor Knowledge Test.

State Course Number: 20053A001, 20053A002

Guidance Notes: Students selected for enrollment in college-level courses must have appropriate academic qualifications, which include a minimum 3.0 GPA, Algebra I and II with a grade of C or higher, Physics with a grade of C or higher, and a high level of motivation and adequate time to devote to studying a college-level course.



Application

AVIATION MECHANICS

This senior-only dual enrollment course is offered in partnership with Lewis University. Fall Semester students will take AVMT-10600 Aviation Fundamentals (4 credit hours), in which they will learn about aerodynamics, aircraft design, stability and control, Federal Aviation Administration regulations and publications, weight and balance, and ground handling of aircraft. The course has 90 contact hours (60 lecture/30 lab) and meets the requirements of 14 CFR 147.

Spring Semester students will take AVMT-11000 Aircraft Structures 1 (4 credit hours), which will focus on riveting and sheet metal repair, including aluminum forming and layout, as well as oxyacetylene welding operations. Corrosion and corrosion control are also studied. The course has 180 contact hours (60 lecture/120 lab).

Students are required to provide their own transportation to and from Lewis University. A Lewis registration application for the program is required.

State Course Number: 20053A001, 20053A002

Dual Credit: Lewis University AVMT-10600, AVMT-11000 (8 credit hours).

Guidance Notes: Students selected for enrollment in college-level courses must have appropriate academic qualifications, which include a minimum 3.0 GPA, Algebra I and II with a grade of C or higher, Physics with a grade of C or higher, and a high level of motivation and adequate time to devote to studying a college-level course.



Application

BARBERING I & II

This is a 13-month program for seniors or a 2-year program for juniors in Barbering. The barbering program is offered at approved and licensed schools by the Illinois Department of Financial and Professional Regulations, Division of Professional Regulation, and has met all state and federal regulations. This course offers students curriculum in both theory and practice in the following areas as they relate to the practice of barber science and art: anatomy; physiology; skin diseases; hygiene and sanitation; barber history; barber law; hair cutting and styling; shaving, shampooing, and permanent waving; massaging; and barber implements as they relate to the Barber, Cosmetology, Esthetics, and Nail Technology Act. Knowledge, skills, and activities completed in this course will also include advanced theoretical and practical skill development, building toward the 1500 hours of study needed in barbering and preparing students for the barbering license exam.

Students are required to provide their own transportation

State Course Number: 19102A001, 19102A002, 19148A002

Certifications may include: Program completion allows students to sit for the Illinois Department of Financial and Professional Regulation Barbering license.

Estimated Cost: \$ 4,200 to \$ 5,000 paid to the Barbering school, depending on the school and whether it's 13 months or 2 years.

Guidance Notes: Students must meet with the Barbering school to sign a contract and complete all required paperwork before the course is added to their schedule.



Application

BUSINESS/FINANCE ACADEMY

This senior-only dual-enrollment course is offered through a partnership with Joliet Junior College and will be held at the main campus in Joliet, IL. Students are responsible for arranging their own transportation to and from the main campus. They must complete the first course with a grade of 'C' or higher to proceed to the second semester. Good attendance is crucial for college success.

ACCY 101: The first college-level accounting course emphasizes financial accounting. This course covers the accounting cycle, assets, liabilities, and stockholders' equity. Attention is given to providing the student with an understanding of accounting procedures and the ability to use accounting data effectively. Computer applications are included. This course is designed for students who plan to continue with additional courses in the field, as well as for those whose needs are limited to an introductory course.

ACCY 102: Continuation of ACCY 101. The emphasis of this second accounting course is on managerial accounting. This course covers the fundamentals of job order and process-cost systems, cost-volume-profit analysis, budgeting, variance analysis, and other topics. Computer applications are included. Prerequisite(s): ACCY 101

ECON 103: A study of economic forces underlying the economic system with special emphasis on an analytical approach to determining price, national product, saving, consumption, investment, employment, growth, and economic stability, banking system, and international economics.

ECON 104: A study of economic relationships at the level of the individual consumer, firm, and industry. This course explores pricing and output in different market settings, regulation and antitrust policy, market failure, and wage determination. Prerequisite(s): ECON 103

Students are required to provide their own transportation to and from class at Joliet Junior College (JJC) Main Campus, Joliet. A JJC registration application for the program is required.

State Course Number: 12109A001, 12111A001

Dual Credit: Joliet Junior College ACC101, ACC102, ECON103, ECON104 (14 credit hours)

Guidance notes: Senior-only program. Recommended for students with a strong interest in business and accounting. Documentation of a 95% attendance rate, a 3.0 GPA, and a record of good behavior.



Application

BUSINESS LOGISTICS (ONLINE)

This online dual credit course is offered through a partnership with Joliet Junior College. It focuses on key topics such as supply chain and operations management, transportation and distribution, cargo security compliance, import/export basics, and professional business and communication skills needed for success in the field. The course includes four classes: Transportation and Physical Distribution (SCM100/3 credit hours), Introduction to Supply Chain Management (SCM110/3 credit hours), International Logistics (SCM150/3 credit hours), and Purchasing and Supply Management (SCM160/2 credit hours), totaling 11 credit hours. It is open to juniors and seniors; however, students must start the program during their junior year to earn the certificate, though they can take the Business Logistics or Business Management course in any order. Additionally, students may enroll in a qualifying course at their home school at the same time to fulfill the certificate's additional business course requirements.

State Course Number: 20151A001, 20152A001

Dual Credit: Joliet Junior College SCM100, SCM110, SCM150, SCM160 (11 credit hours)

Certifications may include: Global Chain Management Certification

Guidance notes: This course is offered remotely; students do not report to the Wilco campus for instruction.

BUSINESS MANAGEMENT

Students who complete this course will receive the Customer Service Certificate of Completion from Joliet Junior College. The Customer Service Representative plays a crucial role in an organization as the first point of contact for customers and a direct link to the sales team. Customer Service Representatives provide information and expert advice related to products and services; they anticipate customer needs, process orders and returns, and handle complaints. The course consists of four classes: Principles of Business Communications (BUS111), Customer Service (BUS110), Human Relations (MGMT 102), and Operations Management (SCM 130). This certificate offers a strong foundation in business communication, human relations, and excellent customer service practices. Graduates who earn this certificate are prepared to pursue entry-level positions in customer service.

State Course Number: 12052A001, 12105A001

Dual Credit: Joliet Junior College BUS111, BUS110, MGMT 102, SCM 130 (12 credit hours).

Certifications may include: Customer Service Certificate of Completion

Estimated Cost: \$144.00(\$12/JJC credit hour).

Guidance notes: Prerequisite(s)-May require a JJC Placement test ENG 101, SAT EBRW 480, ACT 19 (English), or ACCUPLACER 246-300.

CERTIFIED NURSING ASSISTANT

The Certified Nursing Assistant program is a junior/senior program designed to prepare students for employment as Certified Nursing Assistants. The curriculum covers all standards and procedures found in the Illinois Department of Public Health Certified Nurse Aide Instruction Model. Students can take the State Nurse Aide Examination through this course after completing 40 hours of on-site clinical experience at a local nursing facility, which is included in the class structure if the student has a Social Security number. Students must have transportation to the clinical site, a physical, and a TB test before September 15th. Before starting the clinical experience, students must pass a Health Care Worker criminal background check. To remain eligible for Joliet Junior College credit and the Illinois Department of Public Health Certified Nurse Aide Exam, students must maintain an 80% average throughout the semester. After completing this course, students can pursue further education to prepare for various healthcare careers, such as Registered Nurse, Physical Therapist, Respiratory Therapist, Ultrasound Technician, and more. Students are required to wear appropriate clothing at the clinical site.

State Course Number: 14051A001, 14098A005

Dual Credit: Joliet Junior College credit for NA101 (6 credit hours) and College of DuPage SURGT1000 (3 credit hours)

Certifications may include: The American Heart Association (AHA) Basic Life Support (BLS) and IDPH State Certification.

Estimated Cost: \$110 student fee, \$72.00(\$12/JJC credit hour), and an additional \$85 for the State CNA exam in the Spring.

Guidance Notes: 30% of time in the lab. Daily assignments and weekly tests. Emphasis on human anatomy.

CERTIFIED NURSING ASSISTANT (Accelerated)

The Accelerated Certified Nursing Assistant program is a senior-only program designed to prepare students for employment as Certified Nurse Assistants during their first semester. Students will transition to a work-based learning experience at AMITA St. Joseph Hospital, while also completing additional lab skills and theory at Wilco during the second semester, with a focus on sterile processing and healthcare ethics. The curriculum covers all standards and procedures outlined in the Illinois Department of Public Health Certified Nurse Aide Instruction Model. The State Nurse Aide Examination can be taken through this course after completing 40 hours of on-site clinical experience at a local nursing facility, and is included in the class structure if the student has a Social Security number. Students must have transportation to the clinical site, a physical exam, vaccination records, and a TB test completed before September 15th. Before starting the clinical experience, students must undergo a criminal background check for healthcare workers. Prior to beginning clinical at the hospital in the second semester, students will need a drug screening and proof of a flu shot. Students must maintain a minimum of 80% throughout the semester to remain eligible for Joliet Junior College credit, AMITA clinical, and the Illinois Department of Public Health Certified Nurse Aide Exam. Many medical-related college programs require clinical hours or CNA certification before admission. After completing this course, students can continue their education toward careers such as Registered Nurse, Physical Therapist, Respiratory Therapist, Ultrasound Technician, and more. Students are required to wear appropriate clothing at the clinical site.

State Course Number: 14051A001, 14098A005

Dual Credit: Joliet Junior College credit NA101 (6 credit hours) and College of DuPage SURGT1000, CSPD1111 (6 credit hrs)

Certifications may include: The American Heart Association (AHA) Basic Life Support (BLS) and IDPH State Certification.

Estimated Cost: \$150 student fee, \$72 (\$12/JJC credit hour), and an additional \$85 for the State CNA exam in December

Guidance Notes: Senior-only program. 30% of time in the lab. Daily assignments and weekly tests. Emphasis on human anatomy.

CCC: CYBER SECURITY, CISCO, AND CLOUD

This senior-only dual enrollment program is offered in partnership with Joliet Junior College and will take place at **the North campus in Romeoville, IL**. Students need to arrange their own transportation to and from the North campus. They must complete the first course with a grade of 'C' or higher to proceed to the second semester. Good attendance is crucial for college success. Additionally, students should have a solid background in math and computer skills.

CNT 101 - Network Fundamentals (3 credit hours) Introduces networking devices, protocols, IP and MAC addressing, the OSI model, switches, routers, structured cabling, and network management. This is the first course in the sequence preparing students for the Cisco Certified Network Associate (CCNA) certification.

CNT 102 - Router Protocols and Concepts (3 credit hours) Focuses on router configuration, remote networks, TCP/IP routing concepts, command-line configuration, and distance vector and link-state routing. This is the second course in the CCNA certification sequence. Prerequisite: CNT 101.

CNT 220 - Cisco Certified Network Associate (CCNA) Security (3 credit hours) Provides training in network security, including identifying threats and vulnerabilities, developing security infrastructure, and implementing mitigation strategies. The course prepares students for the Cisco CCNA Security exam and meets the CNSS 4011 training standard.

CIS 125 - Cloud Essentials (3 credit hours) Introduces cloud computing terminology, technologies, infrastructure, and platforms using a vendor-neutral approach. Coursework incorporates concepts from CompTIA Cloud Essentials and Introduction to Cloud Infrastructure Technologies and provides foundational knowledge for working in cloud-based environments.



Application

Students are required to provide their own transportation to and from class at Joliet Junior College (JJC) North Campus, Romeoville. A JJC registration application for the program is required.

State Course Number: 10102A001, 10102A002

Dual Credit: Joliet Junior College CNT101, CNT 102, CNT220, CIS 125 (12 credit hours)

Guidance notes: Senior-only program. Recommended for students with strong technical aptitude; prior experience in networking or computer systems. Documentation of a 95% attendance rate, a 3.0 GPA, and a record of good behavior.

COMPUTER TECHNOLOGY

This one-year course comprises the following components that may allow the student to receive college credits from Joliet Junior College:

Computing Information Systems Fundamentals: Introduces information systems, computer programming, system analysis and design, the Internet, and business application software. Students develop foundational skills in word processing, spreadsheets, presentations, and database management.

Fundamentals of Networking: Introduces Local Area Networking, including resource sharing, email, file servers, networking protocols and software, network management, and Wide Area Networks.

IT Technical Support: Provides hands-on instruction in PC hardware, troubleshooting, maintenance, BIOS/CMOS, component installation and replacement, and PC building. This course is the first step in preparing students for the CompTIA A+ certification exam.

State Course Number: 10252A001, 10252A002

Dual Credit: Joliet Junior College CIS122, CIS145, CYBIT150 (10 credit hours).

Certifications may include: A+ Certification

Estimated Cost: \$120.00(\$12/JJC credit hour).

Guidance Notes: Weekly assignments, projects, and quizzes. Heavy reading and lecture format.

CONSTRUCTION

Students will focus on knowledge, hands-on skills, and workplace skills related to construction. Major units of instruction include personal safety, hand tools, power tools, blueprint reading, surveying, construction, landscaping, turf management, and business. Construction skills will emphasize carpentry: framing, roofing, finishing, and other aspects of construction, including career readiness skills such as teamwork, communication, work ethic, problem-solving, and adaptability. Additional units may cover plumbing, electricity, concrete, block laying, drywall, and painting. Careers like agricultural engineers, carpenters, plumbers, electricians, concrete and block layers, finishers, safety specialists, landscape designers, turf managers, and related fields will be explored.

State Course Number: 17002A001, 17002A002

Estimated Cost: \$50

Guidance Note: Recommended that students have earned a 'C' or higher in Geometry.

COSMETOLOGY I & II

This off-campus course is available to students attending a Wilco-approved, state-licensed cosmetology school. The professional school provides classroom instruction, hands-on training, and clinical experience required by the Illinois Department of Financial and Professional Regulation (IDFPR). Students receive training in hair cutting, styling, coloring, chemical services, nail and skin care, sanitation, and salon operations while completing hours toward Illinois cosmetology licensure.

First-year students must complete a separate Wilco application process beginning in January. Participating locations, eligibility requirements, schedules, costs, and start dates vary, with some programs requiring a summer start. Students must complete all enrollment requirements with their selected school and are responsible for transportation to and from the off-campus location.

Students must provide transportation and complete required paperwork by their cosmetology school's deadline.

Estimated cost: Ranging from \$1,800 to \$7,500 paid to the cosmetology school of choice.

State Course Number: 19101A001, 19101A002, 19148A001

Certifications may include: Program completion allows students to sit for the Illinois Department of Financial and Professional Regulation Cosmetology license.

Exceptions: Lockport Students cannot register for this program.

Guidance Notes: Students must meet with their selected cosmetology school to sign a contract and complete all required paperwork before the course is added to their schedule. Clinical assignments, workbook assignments, and task sign-offs. Emphasis on chemical reactions and human anatomy.



Application

CULINARY ARTS I

Students have the opportunity to develop an interest in and master essential hands-on culinary skills, along with theoretical knowledge, for a career in the Hospitality Industry. The Joliet Junior College Program, sponsored by the ACF, offers an accelerated curriculum for Culinary Arts I students (taught in the first year). Course topics include, but are not limited to: Foodservice History, Sanitation & Safety, Equipment Usage, Basic & Technological Aspects in Food Service Preparation, Nutrition, Classical Cooking, Ordering, Purchasing, Receiving & Inventory Controls, Workplace Math & Accounting, Introduction to Lodging & Tourism, Workplace Skills for securing employment and customer relations, and Career and Technical Ethics. Students will be actively involved in all aspects of a commercial kitchen operation. They will participate in at least 10 hours of community service outside the classroom per semester (not including field trips), as coordinated by the instructor. Additionally, students will have opportunities to apply their culinary and leadership skills through participation in the FCCLA student organization. Further opportunities are available for dual college credits, articulated college credits, and scholarships upon meeting coursework requirements. Foods I is recommended for students interested in participating in the class.

State Course Number: 16052A001, 16098A001

Dual Credit: Joliet Junior College CA105, CA106 (5 credit hours).

Certifications may include: National Restaurant Association's certifications, ServSafe Food Protection Manager Certification, ServSafe Allergen Certification

Estimated Cost: \$75.00 student fee and \$60.00(\$12/JJC credit hour).

Guidance Notes: 60% of time in the lab. Weekly assignments and quizzes. Emphasis on mathematics at the Algebra level.

CULINARY ARTS II: Hospitality Careers and Event Planning

This course is designed to help students develop exceptional customer service skills. Students will learn how to interact with customers, resolve conflicts, understand the importance of customer satisfaction and retention, actively participate as team members, and develop time management skills. Additionally, students will acquire the skills needed to become successful event managers. They will learn how to design, plan, market, and execute events. Field trips to various restaurants and event centers will be used to reinforce these concepts. Topics such as staffing, risk management, event evaluation, legal issues, and financial concerns will also be covered. Students must have successfully completed Culinary Arts I at Wilco or Foods I and II at their home school to participate.

State Course Number: 16055A001, 16998A001

Dual Credit: Joliet Junior College BUS 110, HOSP148 (6 credit hours).

Estimated Cost: \$35.00 student fee and \$72.00(\$12/JJC credit hour).

Guidance Notes: 60% of time in the lab. Weekly assignments and quizzes. Emphasis on mathematics at the Algebra level.

EARLY CHILDHOOD EDUCATION I

Students will participate in assistant teaching by working directly with children ages 3, 4, and 5 in the Wilco Preschool Lab. First-year students will complete training for the initial level of the Early Childhood Education (ECE) Credential. The curriculum provides foundational knowledge and skills for those working with, or intending to work with, young children. Some topics covered include health, safety, nutrition, how children learn, observation and assessment, family and community relations, child development, and school-aged children. After successful teaching experiences, completing all modules, and meeting attendance requirements, students may earn their credentials.

State Course Number: 19155A001, 19098A002

Dual Credit: Joliet Junior College CDEV201, CDEV246 (6 credit hours).

Certifications may include: American Heart Association CPR, Gateways to Opportunity Early Childhood Education Level 1, Shaken Baby, and Mandated Reporter

Estimated Cost: \$40.00 student fee and \$72.00(\$12/JJC credit hour).

Exceptions: Lockport Students cannot register for this program

Guidance Notes: Weekly assignments, projects, and quizzes. 60% of the time working with preschool children in the lab.

EARLY CHILDHOOD EDUCATION II

Second-year students continue teaching in the preschool lab and are regarded as "experienced teachers." Course content covers child development, including literacy and education issues. Their assignments involve working independently with a preschool child to create an "observation book," along with other projects required by Joliet Junior College. Second-year students may also spend time at childcare sites for observation, depending on their grades, while continuing their coursework at Joliet Junior College.

State Course Number: 19153A001, 19198A002

Dual Credit: Joliet Junior College CDEV101, CDEV216 (6 credit hours).

Certifications may include: Gateways to Opportunity, Early Childhood Education Level 2

Estimated Cost: \$20.00 and \$72.00(\$12/JJC credit hour).

Exceptions: Lockport Students cannot register for this program

Guidance Notes: Weekly assignments, projects, and quizzes. 60 % of the time working with preschool children in the lab.

EMERGENCY MEDICAL SERVICES

Students who enroll in the emergency medical technician program must have successfully completed the first year of Fire Science or Introduction to Health Professions. This program is approved by the Illinois Department of Public Health. The year will focus on preparing students for various career paths related to the fire service and healthcare fields. Students will learn to care for, handle, and extricate critically ill and injured individuals. Topics include airway management, patient assessment, vital signs, cardiopulmonary resuscitation, lifting and moving patients, documentation, communication, pharmacology, and cardiac emergencies. A strong emphasis will be placed on medical terminology. If IDPH approves the program, the EMT-Basic program requires students to spend 16 hours off campus in a hospital emergency room and 24 hours of ambulance ride time, in addition to classroom instruction. If approved by IDPH, students who successfully complete the course may take the EMT-Basic exam.

State Course Number: 15152A002, 15198A001

Dual credit: JJC EMS 200 (10 credit hours) must have previously completed EMS 101. Once student has earned the National EMS Certification/Licensure, they will be eligible to submit documentation to JJC for applicable college credit

Certifications may include: American Heart Association HealthCare BLS Provider and National EMT-B License

Estimated Cost: \$100 student participation. The student will need an additional \$104 for the National Exam.

Guidance Notes: Senior-only program. Prerequisite - successful completion of Fire Science or Introduction to Health Professions with an 80%/B or better, or completed three years of science with a 'B' or better. May require a JJC Placement test ENG 101 and ENG 020, ACT 19 (English), SAT EBRW 480, or ACCUPLACER of 222 Writeplacer 0-3. 50% of the time in the lab. Emphasis on physical fitness, reading comprehension, and basic math

ESTHETICS

This off-campus program provides students with classroom instruction and hands-on training in esthetics at a professional school. Coursework includes skin anatomy and analysis, skin diseases and disorders, sanitation, facials and skin care, massage, hair removal and waxing, makeup, eyelash applications, esthetics equipment, product knowledge, professional ethics, business practices, and Illinois laws and regulations. Students develop advanced theoretical and practical skills while working toward the 750 hours of study required for esthetics and preparation for the Illinois Esthetician license examination. Students must register early in January through a separate application process available on the Wilco website.

Students are required to provide their own transportation

Certifications may include: Program completion allows students to sit for the Illinois Department of Financial and Professional Regulation Esthetics License.

Estimated Cost: Registration fee of \$100 and \$9,050 paid to the beauty school

Guidance Notes: Students must meet with the Esthetic school to sign a contract and complete all required paperwork before the course is added to their schedule.



Application

FIRE SCIENCE

Fire Science will follow the curriculum established by the Illinois Fire Marshal's Office, the Illinois Department of Health, and the Department of Transportation. Students will learn the fundamentals of firefighting through classroom instruction and guided activities, including fire service history, education and selection processes, the chemistry and physics of fire, building construction, personal protective equipment, operating self-contained breathing apparatus, identifying ropes and tying knots, using portable fire extinguishers, performing forcible entry, carrying and raising ladders, and auto extrication. Students will also learn search-and-rescue techniques, operate ventilation tools, and practice hose evolutions on a working fire engine, all in a safe environment. Additionally, students will gain knowledge about the Emergency Medical Services System, how to provide emergency prehospital patient care, and how to use related equipment.

State Course Number: 15152A001, 15152A002

Dual Credit: JJC FSCI 120, EMS 101(7 credit hours)

Certifications may include: State of Illinois IDPH Emergency Medical Responder, American Heart Association BLS Provider CPR, FEMA IS100c (Introduction to the Incident Command System), FEMA IS 700b (Introduction to the National Incident Management System), and Stop the Bleed

Expected cost: \$75.00 student fee and \$84.00(\$12/JJC credit hour).

Guidance Notes: Prerequisite- May require a JJC Placement test ENG 098 and ENG 020, ACT 19 (English), SAT EBRW 480, or ACCUPLACER of 222 Writeplacer 0-3. 50% of the time in the lab. Emphasis on physical fitness, reading comprehension, and basic math

HAIR BRAIDING

This off-campus course offers a unique opportunity for students to significantly improve their hairstyling skills through advanced hair-braiding techniques at a state-approved beauty culture school. The professional school will supply the necessary facilities, classroom instruction, and hands-on (practical and technical) experience as outlined by the Illinois Department of Public Health. The program will include at least 300 clock hours or an equivalent of 10 credit hours of instruction. First-year students should complete the separate application process by early January. The application and more details are available online at www.wilco.k12.il.us.

Students are required to provide their own transportation to the beauty school of choice.

State Course Number: 19149A001, 19149A002

Certification may Include: IDPH State Certification

Estimated Cost: \$3,000 student fee and \$100 registration fee paid to chosen beauty school

Guidance Notes: Students must meet with the Hair Braiding school to sign a contract and complete all required paperwork before the course is added to their schedule. 80% of the time in the lab & weekly assignments/quizzes



Application

HEAVY EQUIPMENT TECHNOLOGY

The heavy equipment technology program is designed to prepare senior students for careers as heavy equipment mechanics and is a senior-only program. Heavy equipment includes cranes, bulldozers, front-end loaders, rollers, backhoes, and hoists. Emphasis will be placed on the fundamentals of diesel engines and fuel systems used in heavy equipment. The program will introduce students to units of measurement, electron theory, wiring diagrams, schematics and symbols, basic hydraulics principles, engine components, intake and exhaust systems, welding basics, and powertrain functions. This off-campus class is available only through an application process. Students must be willing to participate in drug testing and meet attendance, behavior, and grade requirements.

The class will be located at ASIP-Local 150 in Wilmington.

Students are required to provide their own transportation daily to the Wilmington site, apply through Wilco, and be interviewed.

State Course Number: 20112A001, 20112A002

Certifications may Include: OSHA 10-hour Certification, American Heart Association HealthCare Provider CPR, Snap-On Torque Certification

Estimated Cost: \$45.00 for the purchase of steel-toed boots and a program shirt.

Guidance Notes: Senior-only program. Documentation of a 95% attendance rate and a 2.5 GPA

HORTICULTURE

This senior-only dual-enrollment program is offered through a partnership with Joliet Junior College and will be held at the JJC Main Campus in Joliet, Illinois. Students are responsible for arranging their own transportation to and from the main campus. Because students are participating in college-level coursework, good attendance, responsibility, and independent learning skills are essential for success.

The Horticultural Sciences program at JJC introduces students to the diverse and growing horticulture industry while preparing them for continued education and careers in areas such as landscape contracting, turfgrass management, urban forestry, greenhouse management, floral design, plant care, and grounds maintenance. Students will gain a combination of classroom knowledge and practical experience related to plants, landscaping, equipment, and the care and management of outdoor environments.

Tentative Course Offerings

HORT 100 Introduction to Horticulture: Introduces students to the principles and practices of horticulture, including plant growth and development, plant identification, propagation, soils, and the major career areas within the horticulture industry.

HORT 250 Landscape Plans: Introduces the principles and practices used in developing and interpreting landscape plans. Students explore concepts related to landscape design, plant selection, site planning, and the development of functional and attractive outdoor spaces.

HORT 185 Arboriculture: Covers principles and practices related to the care and maintenance of ornamental woody plants, trees, and shrubs in the landscape.

HORT 152 Horticulture Equipment Power Units: Provides Horticultural Sciences students with instruction related to the machinery, equipment, and power units commonly used in professional turf, landscape, and horticulture operations.

The program provides a strong foundation for students interested in continuing their education or pursuing careers in landscaping, arboriculture, turf management, greenhouse operations, grounds maintenance, and other plant- and outdoor-environment-related fields.

Students are required to provide their own transportation to and from class at Joliet Junior College (JJC) Main Campus, Joliet. A JJC registration application for the program is required.

State Course Number: 18051A01, 18054A004

Dual Credit: Joliet Junior College HORT 100, HORT 250, HORT 185, HORT 152 (12 credit hours)

Guidance notes: Senior-only program. Recommended for students with a strong interest in public service, government, and leadership. Documentation of a 95% attendance rate, a 3.0 GPA, and a record of good behavior.



Application

INTRODUCTION TO HEALTH PROFESSIONS

This course provides students with a broad introduction to the healthcare industry while helping them explore the many career pathways available within the field. Students examine medical ethics and law, current healthcare trends, professional expectations, and a variety of clinical and non-clinical healthcare careers.

A strong emphasis is placed on medical terminology, including the structure and meaning of medical words, common prefixes, suffixes, root words, abbreviations, and terminology related to major body systems. Students also receive introductory instruction in anatomy and physiology, vital sign measurement, mathematical conversions, standard precautions and infection control, basic cardiac life support skills, and first aid. Through classroom activities, hands-on experiences, and career exploration, students develop foundational healthcare knowledge and skills while identifying career and postsecondary pathways that align with their interests and goals.

State Course Number: 14002A002

Dual Credit: College of DuPage HLTHS1100, HLTHS1110 (5 credit hours)

Certification May Include: American Heart Association BLS Provider Certification

LAW ENFORCEMENT AND PUBLIC SAFETY

This program introduces students to the diverse fields of law enforcement and public safety, providing a foundation for careers in policing, corrections, criminal justice, homeland security, emergency management, and related public service professions. Students explore policing practices, criminal law, constitutional principles, public safety, homeland security, and current threats and challenges. Classroom instruction is enhanced through physical training, career exploration, practical exercises, and exposure to public safety professionals and agencies.

LENF 101 Introduction to American Policing: Introduces modern policing, law enforcement history, the U.S. Constitution, policing strategies, and careers at the local, state, and federal levels. Coursework complements physical training, career exploration, and practical law enforcement activities. Placement into ENG 098 is required for JJC dual credit.

LENF 103 Criminal Law: Examines the foundations of criminal law, including elements of crime, criminal intent and responsibility, attempts, conspiracy, and legal defenses. Students also explore laws governing arrest, search and seizure, and distinctions between criminal and civil law.

CRIMJ 1145 Introduction to Homeland Security: Introduces the role of homeland security in protecting communities and the nation. Students examine terrorism, geopolitical threats, natural disasters, emergency response, and the roles of government agencies, private organizations, and citizens in maintaining public safety.

State Course Number: 15054A001, 15054A002

Dual Credit: Joliet Junior College LENF101, LENF103 (6 credit hours) and College of DuPage CRIMJ1145(3 credit hours)

Estimated Cost: \$72.00 (JJC \$12/credit hour)

Guidance Notes: Prerequisite- May require a JJC Placement test ENG 098 and ENG 020, SAT EBRW 460, ACT 19 (English), or ACCUPLACER of 222 Writeplacer 0-3

MEDICAL ASSISTING

This seniors-only program prepares students for a career as part of a multidisciplinary healthcare team in an outpatient care setting. Medical Assisting is a comprehensive career and technical education program that prepares students for entry-level healthcare careers. Students develop knowledge and skills in clinical and administrative medical assisting through classroom instruction, laboratory experiences, simulations, and work-based learning opportunities.

Students learn medical terminology, anatomy and physiology, infection control, patient care, vital signs, electronic health records, medical office procedures, communication skills, professionalism, and healthcare ethics. Students are prepared to sit for the Certified Clinical Medical Assistant (CCMA) certification exam, providing an opportunity to earn an industry-recognized credential. Successful completion also prepares students for postsecondary education and entry into the healthcare workforce.

State Course Number: 14151A001, 14153A001

Dual Credit: College of DuPage SURGT 1000, HLTH 1110 (6 credit hours)

Certification May Include: American Heart Association BLS Provider Certification and National Healthcareer Association (NHA)

Estimated Cost: \$30 fee and optional HNA testing fee

PUBLIC ADMINISTRATION

This senior-only dual-enrollment course is offered through a partnership with Joliet Junior College and will be held at the JJC Main Campus in Joliet, IL. Students are responsible for arranging their own transportation to and from the main campus. Good attendance is crucial for college success. This program is recommended for students with a strong interest in public service and administration.

PSCI 100 Introduction to Political Science: This course examines the primary fields of political science and focuses on the nature and development of the discipline.

PSCI 101 Introduction to the Structure, Principles, Processes, and Problems of American Government: This course examines American government and contemporary political issues, including the impact of foreign policy, dissent, civil rights, and economic issues on American politics.

PSCI 102 American State/Local Government: This course surveys the structures, functions, and dynamics of state and local governments, giving students an understanding of governmental processes and public administration at the state and local levels.

HUS 103 Role of the Advocate: This course provides students with the knowledge and skills needed to assess and analyze policies and identify the needs of clients and client groups within the human services professions. Students will explore the role of advocacy and its application within public and human service settings.

Together, these courses provide students with college-level instruction in public administration, political science, American government, state and local governance, advocacy, and human services, while preparing them for continued studies and careers in public service, law, and government.

Students are required to provide their own transportation to and from class at Joliet Junior College (JJC) Main Campus, Joliet. A JJC registration application for the program is required.

State Course Number: 15201A001, 15203A001

Dual Credit: Joliet Junior College PSCI 100, PSCI 101, PSCI 102, HUS 103 (12 credit hours)

Guidance notes: Senior-only program. Recommended for students with a strong interest in public service, government, and leadership. Documentation of a 95% attendance rate, a 3.0 GPA, and a record of good behavior.



Application

NAIL TECHNOLOGY

This off-campus course is available to students enrolled in a state-approved nail technology school. Students will enhance their communication skills, time management, and attention to detail. The course will focus on all areas of nail care, nail issues, artificial nails, and nail products. Upon successfully finishing the course, students will be eligible to take the state certification exam.

Students are required to provide their own transportation to Lemont or Joliet locations and complete the application process.

State Course Number: 19105A001, 19105A002, 19148A003

Certification May Include: IDFP State Certification

Estimated Cost: \$800 student fee

Guidance Notes: 80% of the time in the lab & weekly assignments/quizzes

VETERINARY ASSISTANT I

Students learn animal science and animal care, including related medical terminology; fundamentals of companion animal species and breeds; behavior and training; animal anatomy and physiology; nutrition; and safety. This course enhances students' understanding of animal reproduction, ethics, welfare, health, veterinary medicine, veterinary office practices, and animal services to humans. Students develop basic skills and techniques to assist veterinarians and technicians with handling large and small animals, grooming, feeding, and maintaining equipment and facilities. Career exploration focuses on roles such as veterinarians, veterinary lab technicians, office lab assistants, small-animal production, research lab assistants, and animal nutrition lab technicians. Since FFA is an integral part of this course, students are required to maintain a Supervised Agricultural Experience (SAE) and participate in FFA activities hosted by our chapter. Students are also encouraged to volunteer at local veterinary offices and animal shelters.

State Course Number: 18105A001, 18101A002

Dual Credit: Joliet Junior College AGRI119, VET 100(5 credit hours)

Estimated Cost: \$30 student fee and \$60.00(\$12/JJC credit hour)

VETERINARY ASSISTANT II

This course introduces students to veterinary medicine with a focus on small animals, exotic species, and large animals. The topics covered include roles in the veterinary hospital, medical records, anatomy and physiology, Fear Free handling, behavior, pet loss, grief and compassion fatigue, wildlife, zoo, and aquarium rehabilitation, as well as basic animal nursing care such as grooming, obtaining vitals, physical exams, parasitology, and treatments for common diseases. There will be hands-on animal labs where students can perform basic nursing care on canines and felines, a class field trip to a local animal shelter for grooming, and a visit to JJC's agricultural center to learn about large animal medicine.

During the second semester, students will complete a 100-hour clinical practicum at a small animal general practice. Students will need to meet skill and academic requirements to be eligible for outside placement. Students will also learn to build resumes and perform mock interviews with Wilco staff.

Students are required to provide their own transportation to the clinical site.

State Course Number: 18102A001, 18148A001

Dual Credit: Joliet Junior College VTA101, AGRI299 (5 credit hours)

Estimated Cost: \$60.00(\$12/JJC credit hour)

Guidance Notes: *To be eligible for the externship/clinical experience, students must maintain an 80% or higher grade*

WELDING I

Welding I is an introductory orientation course that focuses on safety, soft skills, job readiness, ongoing education, and career planning. Topics include welding terms and symbols, blueprints, procedures, organizations, and the technology used in the welding industry. As an American Welding Society (AWS) Educational Institution, this program aims to prepare students for the expectations and demands of becoming an AWS Entry-Level Welder.

Students will also receive practical training on the fundamentals of the Arc Welding Process. This includes exposure to Shielded Metal Arc Welding (SMAW) and Gas Metal Arc Welding (GMAW). Additional training will cover Plasma Arc and Oxygen-Fuel Cutting processes (PAC & OFC), as well as the use of shop equipment, tools, and techniques involved with welding mild steel.

State Course Number: 13207A001, 13207A002

Dual Credit: Joliet Junior College WLDG 101 (3 credit hours).

Certification May Include: OSHA-10 General Industry

Estimated Cost: \$90.00 for required tools and safety clothing, \$72.00(\$12/JJC credit hour), and \$10.00 OSHA Certification

Guidance Notes: *70% of the time in the lab & weekly assignments/quizzes*

WELDING II

Welding II is designed for students seriously considering a career in Welding and related industries. This intermediate course emphasizes safety, project-based learning, career planning, basic shop drawing and blueprint reading, measurements, advanced techniques in Shielded Metal Arc Welding, fundamental use of Gas Metal Arc Welding, Oxy/Fuel Cutting, and the operation of shop equipment for welding and testing in accordance with industry standards. Students in WLD-II will work with less direct supervision and are expected to perform tasks similar to those of apprentices and entry-level welders.

State Course Number: 13055A001, 13055A002

Dual Credit: Joliet Junior College WLDG 120, WLDG 110 (6 credit hours)

Certification May Include: OSHA-10 General Industry (Industrial Credentials)

Estimated Cost: \$90.00 for required tools and safety clothing, \$36.00(\$12/JJC credit hour), and \$10.00 OSHA Certification

Guidance Notes: *70% of the time in the lab*

**For more information on dual credit agreements with Joliet Junior College, please visit
Joliet Junior College Academics Registration for Dual Credit by scanning the QR Code.**



Please note that agreements may change from the time of publication based on program and instructor requirements. Students are responsible for applying and completing all course registration requirements, including Accuplacer testing and submission of ACT/SAT scores.