

PROJECT

# SAIL

(Specialty Asynchronous Industry Learning)

Partner Program Listing and Course Catalog



FOR INNOVATION  
IN THE COMMUNITY COLLEGE

.org

## Project SAIL

(Specialty Asynchronous Industry Learning)

is a national network of college partners promoting access, exchange, and expansion of specialized industry-driven programs anywhere and anytime for college, student, and local workforce development needs.

# Benefits of Project SAIL Partnership

The curriculum and program model is the win-win-win foundation of Project SAIL, offering opportunity to all participants.

## Partners offering SAIL Courses and Programs

- Recover program investment costs,
- Broaden appeal for programs in the face of budget cuts,
- Gain marketing and promotion advantages, and
- Expand to international audiences for enrollment opportunities.

## Partners hosting SAIL Courses and Programs

- Enhance online learning options without development or capital investments,
- Offer successful and proven courses and curriculum models,
- Immediately meet local workforce development needs, and
- Increase FTE counts for students enrolling in new program developments.

## Students Gain

- Access to expanded higher education options,
- Computer and library access,
- Financial aid,
- Workforce placement services,
- Tutoring services, and
- Articulation options.

With opportunities to reinvest in local communities with innovative responses and solutions, rather than recreating specialty content with heavy outlays of time and money, Project SAIL offers a progressive path for community colleges' long-standing leadership in workforce training and student success.



**FOR INNOVATION  
IN THE COMMUNITY COLLEGE**

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PROJECT SAIL PARTNER –

## Anne Arundel Community College, MD

Program Title: **Data Structures in C++**

Credit Hours: **4 – includes online lab** SAIL Category: **Technology**

Advanced algorithms and programming concepts are emphasized, with special attention to abstract data types and their role in software development. Topics include stacks, queues, linked lists, recursion, trees, and file manipulation.

Project SAIL Partner: **Trish Casey-Whiteman**, pacaseywhiteman@aacc.edu

Program Title: **Learning Assessment Basics for Higher Education Professionals**

Credit Hours: **2.4 CEU's available** SAIL Category: **Professional Development**

This online course is designed for faculty and instructors who want to emphasize interactive learning on assessment-related topics and develop strategies to improve student learning.

Project SAIL Partner: **Trish Casey-Whiteman**, pacaseywhiteman@aacc.edu

Program Title: **Introduction to Graphic Arts**

Credit Hours: **3 – includes online lab** SAIL Category: **Art & History**

An introduction to applied design and layout procedures used in the graphic arts industry. Topics include typographical design and printer's measurements. Learn to do thumbnails, roughs, and comprehensive layouts with emphasis on design and professional display techniques.

Project SAIL Partner: **Trish Casey-Whiteman**, pacaseywhiteman@aacc.edu

Program Title: **Media Materials and Processes**

Credit Hours: **4 – includes online lab** SAIL Category: **Communications & Multimedia**

Analyze the media communication process, survey media formats, and evaluate production processes. Lab experiences include graphics and multimedia presentations using current technology.

Project SAIL Partner: **Trish Casey-Whiteman**, pacaseywhiteman@aacc.edu

Program Title: **Introduction to UNIX/LINUX**

Credit Hours: **3 – includes online lab** SAIL Category: **Technology**

Topics include basic elements of the UNIX/LINUX operating system, sending and receiving email, hierarchical file structure, writing shell programs, and providing system security. Hands-on experience with a multi-user UNIX/LINUX system is provided.

Project SAIL Partner: **Trish Casey-Whiteman**, pacaseywhiteman@aacc.edu

Program Title: **General Oceanography**

Credit Hours: **3**

SAIL Category: **Physical Sciences**

This course offers a multidisciplinary survey of physical, chemical, meteorological, biological, and geological aspects of the oceans. Examples of topics include tides, chemistry of seawater, ecosystems, plate tectonics, marine sediments, and environmental trends and problems.

Project SAIL Partner: **Trish Casey-Whiteman**, pacaseywhiteman@aacc.edu

Program Title: **Applied Sociology**

Credit Hours: **3**

SAIL Category: **Allied Health & Social Services**

This course introduces concepts, skills, and tools to actively analyze and engage problems facing a variety of clients and organizations. Participants employ sociological perspectives to identify, investigate, and actively seek solutions to issues of structure, process, and social change.

Project SAIL Partner: **Trish Casey-Whiteman**, pacaseywhiteman@aacc.edu

PROJECT SAIL PARTNER –  
**Bismarck State College, ND**

Program Title: **Electric Power Technology**

Credit Hours: **68 / Certificate and AAS Degree**

SAIL Category: **Industry Trades & Engineering**

Designed in partnership with EPCE (Energy Providers Coalition for Education), this program provides the core set of skills and competencies addressing deregulation, new technologies, and shifting urban trends impacting the utility industry. Specialization tracks include Line Construction, Substation, System Design, and Metering.

Project SAIL Partner: **Carla Braun Hixson**, Carla.Braun.Hixson@bsc.nodak.edu

Program Title: **Electrical Transmission Systems Technology**

Credit Hours: **66 / Certificate and AAS Degree**

SAIL Category: **Industry Trades & Engineering**

This program targets students for entry-level positions as system operators and electrical dispatchers. The elearning experiences include Basic Power Industry Concepts, System Elements, Power Flow, System Operator Practices, and Power System Emergency Concepts.

Project SAIL Partner: **Carla Braun Hixson**, Carla.Braun.Hixson@bsc.nodak.edu

Program Title: **Power Plant Technology**

Credit Hours: **67 / Certificate and AAS Degree** SAIL Category: **Industry Trades & Engineering**

This program targets students for entry-level positions as power plant operators. Students participate in hands-on elearning lab experiences with Power Plant Equipment, Gas Turbines, Combined Cycle Operations, Steam Turbines and Auxiliaries, Troubleshooting and Safety.

Project SAIL Partner: **Carla Braun Hixson**, Carla.Braun.Hixson@bsc.nodak.edu

Program Title: **Process Plant Technology**

Credit Hours: **67 / Certificate and AAS Degree** SAIL Category: **Industry Trades & Engineering**

This program targets students for entry-level work in operating refineries, ethanol plants, and natural gas processing facilities. The program topics include: Intro to Process Technology, Water Purification and Treatment, Ethanol and Fuels Production, Gas Processing, and Safety.

Project SAIL Partner: **Carla Braun Hixson**, Carla.Braun.Hixson@bsc.nodak.edu

PROJECT SAIL PARTNER –

## **Central Arizona College, AZ**

Program Title: **Business of Family Child Care**

Credit Hours: **6 one-credit courses/Certificate** SAIL Category: **Education & Child Development**

The multifaceted business aspects of providing family child care, fundamentals of record keeping, and principles of achieving a balance in work and family life. This course fulfills the course and training requirements for certification through the National Association of Family Child Care.

Project SAIL Partner: **Barbara Mezzio**, barbara.mezzio@centralaz.edu

Program Title: **Early Childhood Management**

Credit Hours: **6 one-credit courses/Certificate** SAIL Category: **Education & Child Development**

Provides management skills for professionals advancing toward leadership positions in early child care programs. The program topics include leadership skills to effectively manage staff, market programs, and implement operations/financial systems specializing in early child care services.

Project SAIL Partner: **Barbara Mezzio**, barbara.mezzio@centralaz.edu

Program Title: **Diabetes Prevention Certificate**

Credit Hours: **17 one-credit courses/Certificate**

SAIL Category: **Allied Health & Social Services**

The Diabetes Prevention Assistant (DPA) Certificate is designed to provide national certification and training to paraprofessionals. Program topics range from Diabetes and Prevention, to Tools for Treatment and Management. The elearning series focuses on the Anatomy and Physiology of Diabetes, Food Preparation for Diabetes Management, and the Psychosocial Impact of Diabetes.

Project SAIL Partner: **Glenna McCollum**, glenna.mccollum@centralaz.edu

Program Title: **Personal Money Management**

Credit Hours: **3 credits**

SAIL Category: **Business & Specialty Management**

A study of consumer decision-making in a technological society where individuals have limited time and income, including planning and budgeting for food, shelter, transportation, health care, insurance, savings, investments, debt, and taxes.

Project SAIL Partner: **Frank Puglia**, Frank.Puglia@centralaz.edu

Program Title: **Dietetic Technician Advanced**

Credit Hours: **8 credits**

SAIL Category: **Allied Health & Social Services**

This internship program is designed for individuals who have graduated with a BA/BS degree from a Didactic Program in Dietetics (DPD) accredited by the Commission on Accreditation for Dietetics Education within the last five years. Students who successfully complete the internship are eligible to take the National Registration Examination for Dietetic Technicians (DTR) and the National Certification Exam for Dietary Managers (CDM).

Project SAIL Partner: **Glenna McCollum**, MPH, RD, glenna.mccollum@centralaz.edu

PROJECT SAIL PARTNER –

## **Central Piedmont Community College, NC**

Course Title: **Gaming & Simulation Program**

Credit Hours: **6**

SAIL Category: **Technology**

This program provides an overview of the simulation and game development process. Topics include historical context, content development strategies, design elements, and future trends in the industry. Additionally, students explore how simulations and games are tested and released.

Project SAIL Partner: **Ernie McClaney**, ernie.mcclaney@cpcc.edu

PROJECT SAIL PARTNER –

## Colorado Community Colleges Online, CO

Program Title: **Adult and Family Literacy Certification**

Credit Hours: **15/ Certificate** SAIL Category: **Education & Child Development**

The program is designed for literacy educators to enhance their educational background in adult learning theories and practice, planning and organizing adult education instruction, and teaching ABE/ESL/Family Literacy.

Project SAIL Partner: **Rhonda Epper**, Rhonda.epper@cccs.edu

More information, visit [www.ccconline.org/courses/cert\\_edu.htm](http://www.ccconline.org/courses/cert_edu.htm)

Program Title: **Intro to Early Childhood Professions (Spanish Version)**

Credit Hours: **3** SAIL Category: **Education & Child Development**

This program, delivered in Spanish, provides an Introduction to Early Childhood Education. It includes the eight key areas of professional knowledge, with emphasis on: Child Growth & Development; Health Nutrition & Safety; Guidance, Family & Diversity; and Administration & Supervision.

Project SAIL Partner: **Rhonda Epper**, Rhonda.epper@cccs.edu

More information, visit [www.ccconline.org/courses/cert\\_ece.htm](http://www.ccconline.org/courses/cert_ece.htm)

Program Title: **Occupational Safety Certificate Program**

Credit Hours: **44/Certificate** SAIL Category: **Industry Trades & Engineering**

This program is designed to meet the needs of students employed in industrial settings to prepare for safety-related positions. The curriculum meets the guidelines developed by the American Society of Safety Engineers (ASSE) and the Board of Certified Safety Professionals (BCSP).

Project SAIL Partner: **Rhonda Epper**, Rhonda.epper@cccs.edu

More information, visit [www.ccconline.org/courses/cert\\_osh.htm](http://www.ccconline.org/courses/cert_osh.htm)

Program Title: **Criminal Justice Associate Degree Program**

Credit Hours: **AAS/AGS 27** SAIL Category: **Specialty Law Professions & Legal Services**

This program is designed for students seeking careers in corrections and law enforcement. It prepares students to work in criminal justice professions in prevention, enforcement, and investigation fields, or providing assistance to victims of violence and trauma.

Project SAIL Partner: **Rhonda Epper**, Rhonda.epper@cccs.edu

More information, visit [www.ccconline.org/courses/homepage\\_crj.htm](http://www.ccconline.org/courses/homepage_crj.htm)

Program Title: **Online Nursing Pre-requisite Sequence**

Credit Hours: **18** SAIL Category: **Allied Health & Social Services**

This set of courses is targeted at pre-nursing students wishing to complete pre-requisite courses online. It includes Anatomy & Physiology I and II (4 cr ea); Microbiology (4 cr), Medical Terminology (1 cr), Human Nutrition (3 cr), Pharmacology Calculations (1 cr), and Socialization into Practical Nursing (1 cr).

Project SAIL Partner: **Rhonda Epper**, Rhonda.epper@cccs.edu  
More information, visit: [www.ccconline.org/courses/homepage\\_nursing.htm](http://www.ccconline.org/courses/homepage_nursing.htm)

PROJECT SAIL PARTNER -

## **Community College of Southern Nevada, NV**

Program Title: **Casino Management**

Credit Hours: **30/65 Certificate & AAS Degree Option** SAIL Category: **Service Professions**

The program offers students a basic knowledge of casino management, casino marketing, gaming regulations, gaming law, and human relations in the casino industry. Cooperative education and coordinated internship positions provide an excellent entry into the field.

Project SAIL Partner: **Terry Norris**, terry\_norris@ccsn.edu

Program Title: **Hotel Management**

Credit Hours: **33/62 Certificate & AAS Degree Option** SAIL Category: **Service Professions**

Students obtain a strong knowledge of the basic elements of management in hotel operations with an emphasis on hotel front office, human resources management, hotel marketing, accounting and technology.

Project SAIL Partner: **Terry Norris**, terry\_norris@ccsn.edu

Program Title: **Travel & Tourism**

Credit Hours: **30/61 Certificate & AAS Degree Option** SAIL Category: **Service Professions**

The program prepares students for careers that include convention and exposition management, meeting and trade show management, special events management, hotel accommodations industries, airline and transportation industries, and tour directing.

Project SAIL Partner: **Terry Norris**, terry\_norris@ccsn.edu

PROJECT SAIL PARTNER –

## Dallas County Community College District, TX

Program Title: **The BEST Beginning Teacher Experience**

Credit Hours: **35 instructional hours/3 credits**

SAIL Category: **Education & Child Development**

Quality teaching is the foundation for successful school systems. Beginning teachers are faced with many challenges and, through this interactive curriculum, teachers learn reflective processes that are motivational to their professional development.

Project SAIL Partner: **Theresa Roffino**, troffino@dcccd.edu

Program Title: **The BEST Mentoring Experience**

Credit Hours: **35 instructional hours/3 credits**

SAIL Category: **Education & Child Development**

There are significant contributors to high teacher attrition rates. Educators who successfully complete this program gain collaborative skills for mentoring others; improved teaching practices that affect student achievement; helpful strategies for adjusting to new positions/roles; a standards-based framework for professional practice; and tools for building systemic support.

Project SAIL Partner: **Theresa Roffino**, troffino@dcccd.edu

Program Title: **Nutrition Pathways**

Credit Hours: **3 credits**

SAIL Category: **Allied Health & Social Services**

This course helps students analyze personal eating habits, determine personal requirements for protein intake, design personal eating plans, read and interpret food labels, and distinguish between nutrition facts and fads.

Project SAIL Partner: **Theresa Roffino**, troffino@dcccd.edu

Program Title: **Road to Attaining Job Search Skills**

Credit Hours: **40/1-3 credits**

SAIL Category: **Professional Development**

This 40-hour instructional series is designed to help students meet job search challenges in today's uncertain economy. The series includes computer-based job search training that targets employment enrichment through four modules: Self-Skill Assessment and Resume Preparation, Interviewing Skills, Financial Planning, and Stress Management.

Project SAIL Partner: **Theresa Roffino**, troffino@dcccd.edu

Program Title: **Becoming Physically Fit**

Credit Hours: **1 credit**

SAIL Category: **Allied Health & Social Services**

Physical fitness is attainable by everyone in varying degrees and at different rates of progression. Students are presented with cognitive information regarding physical fitness and healthy lifestyle choices. Students practice and record online exercise plans.

Project SAIL Partner: **Theresa Roffino**, troffino@dcccd.edu

PROJECT SAIL PARTNER –

**Delta College, MI**

Program Title: **Quality and Productivity Management for Manufacturing**

Credit Hours: **3**

SAIL Category: **Manufacturing**

Active management professionals lead this course and demonstrate the skills and insight needed to manage effectively in a quality-conscious work environment. The curriculum focuses on the philosophies of Deming, Juran, Crosby, Shainin, and Taguchi and includes statistical problem-solving techniques.

Project SAIL Partner: **Tom Bennett**, tjbenne@delta.edu

Program Title: **Quality Systems I and II for Manufacturing**

Credit Hours: **2 (each)**

SAIL Category: **Manufacturing**

Active management professionals present effective planning and implementation of quality systems while demonstrating the relationship to functions in an organization. The curriculum focuses on Quality Function and its applications to service, business, and industry.

Project SAIL Partner: **Tom Bennett**, tjbenne@delta.edu

Program Title: **Manufacturing Processes**

Credit Hours: **3**

SAIL Category: **Manufacturing**

This program focuses on the fundamentals of engineering materials and manufacturing processes and their interrelationship in product design.

Project SAIL Partner: **Tom Bennett**, tjbenne@delta.edu

Program Title: **Materials and Metallurgy**

Credit Hours: **3**

SAIL Category: **Manufacturing**

This course demonstrates standard methods to characterize physical and mechanical properties of metals, ceramics, polymers, and composite materials, with online lab activities focused on microscopy, heat treatments, phase transformation, and mechanical property measurements.

Project SAIL Partner: **Tom Bennett**, tjbenne@delta.edu

PROJECT SAIL PARTNER –

**El Paso Community College, TX**

Course Title: **Fire Technology**

Credit Hours: **18/Certificate**

SAIL Category: **Public Safety &  
Homeland Security**

This certificate program offers currently employed firefighters preparation for supervisory and management positions. Program topics emphasize the management and administration of fire departments, their relationship to government agencies, and legal aspects of fire protection.

Project SAIL Partner: **Richard Bahena**, Richard.bahena@epcc.edu

Course Title: **Business-International Trade and Business**

Credit Hours: **12 /Certificate**

SAIL Category: **Business & Specialty  
Management**

This program provides the student with business knowledge and skills necessary to function in multinational business, industry, and marketing positions. Students select special interest electives, with a capstone course in International Banking and Finance.

Project SAIL Partner: **Lydia Tena Perez**, lpere121@epcc.edu

PROJECT SAIL PARTNER –

**Herkimer Community College, NY**

Course Title: **Travel and Tourism: Hospitality and Events Management**

Credit Hours: **63/ AAS Degree**

SAIL Category: **Service Professions**

This program prepares students to perform travel agency functions, resort/hotel front-office functions, tourism marketing and promotion, research and understanding of domestic and international destinations, and gain proficiency with Galileo and Apollo software for airline reservation systems.

Project SAIL Partner: **Marjorie Carter**, cartermm@herkimer.edu

Course Title: **Online Pedagogy: Creating a Successful Web-Enhanced Course**

Credit Hours: **40 hours**

SAIL Category: **Professional Development**

This eight-week course emphasizes pedagogy and elearning content for college-level student interaction, instruction, and written assignments. The content is 100 percent asynchronous and the pedagogy used by the instructor models the pedagogy being taught. Course topics include *web-based options; getting past the technology; presenting content: 50 ways to leave your lecture; orchestrating effective interaction; creating online assignments; and authentic online assessment.*

Project SAIL Partner: **Marjorie Carter**, cartermm@herkimer.edu

PROJECT SAIL PARTNER –

**HSE.CC/CC of Denver, Kirkwood CC, Monroe CC**

Program Title: **Homeland Security Education in the Community College**

Credit Hours: **36-40/Certification; AAS**

SAIL Category: **Public Safety & Homeland Security**

Through a series of course and program options, HSE.cc provides online content, curriculum, and training for first responders, community development, public- and private-sector administrators, and those working in the security community who wish to advance their skills and training through professional development, certification, or AAS degree options. As a partnership of leading community college experts, HSE.cc covers the most current homeland security topics and services including Citizen Preparedness, Leadership Training, Cybersecurity, and Disaster Recovery.

Project SAIL Partner: **John Belcastro**, john.belcastro@ccd.edu, **Doug Elam**, DELAM@kirkwood.edu, and **Jeff Bartkovich**, JBartkovich@monroecc.edu

PROJECT SAIL PARTNER –

**HVACR Education.net, MT**

Program Title: **Heating, Ventilation, Air Conditioning Refrigeration**

Credit Hours: **24-27/Certification**

SAIL Category: **Industry Trades & Engineering**

This elearning program provides the theory courses and lab skills required for a HVACR technical certificate level program. This technical certificate program provides technical content including HVACR Fundamentals, HVACR Electrical, HVACR Systems, Boiler Systems, and Refrigeration.

Project SAIL Partner: **Tony Davis**, tdavis@hvacreducation.net  
National Certification, NATE (North American Technician Excellence) Recognized Training

PROJECT SAIL PARTNER –

### **Kentucky Community and Technical College System, KY**

Program Title: **Historic Information Management-Certificate of Proficiency in Archive Studies**

Credit Hours: **15 /Certificate**

SAIL Category: **Art & History**

This certificate program prepares students to arrange, preserve, and present archival materials for private and public archives. The course series also includes contextual review and specialty topics for appraisal, arrangement, and conversion of materials.

Project SAIL Partner: **Larry LaFollette**, larry.lafollette@kctcs.edu

Program Title: **Historic Information Management/Certificate of Proficiency in Museum Studies**

Credit Hours: **15**

SAIL Category: **Art & History**

This certificate program provides specialized training, with course topics that include collection development and cataloging, exhibit design, and computer technology for museum environments.

Project SAIL Partner: **Larry LaFollette**, larry.lafollette@kctcs.edu

Program Title: **Historic Information Management/Certificate of Proficiency in Records Management Studies**

Credit Hours: **15 /Certificate**

SAIL Category: **Art & History**

This certificate program focuses on the content, value, and importance of recorded information. Through a comprehensive understanding of the Information Life Cycle, students organize, manage, and electronically deliver recorded information in a timely and efficient manner.

Project SAIL Partner: **Larry LaFollette**, larry.lafollette@kctcs.edu

PROJECT SAIL PARTNER –

### **Kirkwood Community College, IA**

Program Title: **Hazardous Waste Site Worker Training (HAZWOPER)**

Credit Hours: **2.5, 40**

**hours/Certification**

SAIL Category: **Industry Trades &**

**Engineering**

This program meets all requirements of 29 CFR 1910.120, OSHA's Hazardous Waste Site Worker and Emergency Response Standard. The program consists of online, interactive, and face-to face training required to complete the 40 hours for Hazwoper Certification. Topics include exercises on PPE, Regulations, Site Characterization, Confined Space, Decon, and others.

Project SAIL Partner: **Doug Elam**, delam@kirkwood.edu

Program Title: **Wastewater Treatment Plant Operations**

Credit Hours: **18 / Certification**

SAIL Category: **Industry Trades & Engineering**

This HMTRI program includes instruction in water pollution control, preliminary and primary treatment, fixed film processes, and suspended growth systems. Reading assignments from the online text are enhanced by up-to-date photographs, audio, interactive exercises, and online links.

Project SAIL Partner: **Doug Elam**, delam@kirkwood.edu

Program Title: **Water Supply and Distribution Operations**

Credit Hours: **15/ Certification**

SAIL Category: **Industry Trades & Engineering**

This HMTRI program includes instruction and working knowledge of potable water distribution systems. The topics of this course include water storage facilities, operation and maintenance of water mains, water quality issues, disinfections, and safety.

Project SAIL Partner: **Doug Elam**, delam@kirkwood.edu

Program Title: **Solid Waste Environmental Technologies**

Credit Hours: **25/ Certification**

SAIL Category: **Industry Trades & Engineering**

This program focuses on interactive instruction for Waste Decomposition, Geology and Hydrology, Landfill Design and Construction, General Operations, End Use, and Regulations. The course is also enhanced by online links and video allowing students to obtain the skills and knowledge to work in a variety of landfill and composting facilities.

Project SAIL Partner: **Doug Elam**, delam@kirkwood.edu

PROJECT SAIL PARTNER –

**Lake Land College, IL**

Program Title: **Food Service Certificate Renewal**

Credit Hours: **20**

SAIL Category: **Service Professions**

This refresher course is intended to meet the needs of certified food service sanitation managers seeking renewal of their state certificate.

Project SAIL Partner: **Deborah L.G. Hutti**, dhutti@lakeland.cc.il.us

Program Title: **Food Service Sanitation**

Credit Hours: **20**

SAIL Category: **Service Professions**

This online course provides an overall review of sanitation considerations in a food service, including a review of microbiology, sources and types of food-borne illness, personal hygiene, food procurement and storage, pest control, sanitary facilities, and cleaning and sanitizing.

Project SAIL Partner: **Deborah L.G. Hutti**, dhutti@lakeland.cc.il.us

Program Title: **Introduction to Geographic Information Systems (GIS)**

Credit Hours: **6 / Certificate**

SAIL Category: **Physical Sciences**

This certificate introduces industry-standard GIS software and offers online learning experiences to a wide spectrum of industries such as government, communications, telecommunications, utilities, engineering, natural resource management, forestry-environmental science, health and human services, education, and agriculture.

Project SAIL Partner: **Deborah L.G. Hutti**, dhutti@lakeland.cc.il.us

Program Title: **Radio Sales**

Credit Hours: **9 / Certificate**

SAIL Category: **Communications & Multimedia**

This certificate program targets the multiple aspects of radio sales, including introductions to advertising, basic broadcast promotions, and radio marketing.

Project SAIL Partner: **Deborah L.G. Hutti**, dhutti@lakeland.cc.il.us

Program Title: **Programmable Logic Controllers and HMI Systems**

Credit Hours: **6 / Certificate**

SAIL Category: **Industry Trades & Engineering**

This certificate targets engineers and maintenance technicians with a background in industrial electronics, electricity, and automation. The format provides virtual simulation in the use of PLC and HMI hardware and software.

Project SAIL Partner: **Deborah L.G. Hutti**, dhutti@lakeland.cc.il.us

PROJECT SAIL PARTNER –

## Miami Dade College, FL

Course Title: **Medical Coder-Billing Specialist**

Credit Hours: **24 / Certificate**

SAIL Category: **Allied Health & Social Sciences**

This program prepares specialists in the translation of diagnoses and procedures using the International Classification of Diseases (ICD-9-CM) and Current Procedural Terminology (CPT\_4). The program involves coding, classifying, and indexing diagnoses and procedures for standardization, retrieval, and statistical analysis, ethical and legal responsibilities, data quality, diagnosis-related groups (DRGs), and ambulatory patient classifications (APCs).

Project SAIL Partner: **Kristi Lozano**, klozano@mdcc.edu

PROJECT SAIL PARTNER –

## Minnesota State Community & Technical College, MN

Course Title: **Certified Internet Webmaster (CIW) Master Designer**

Credit Hours: **30 / Certificate**

SAIL Category: **Technology**

This certificate aligns with the national exams and prepares students for the three-exam series. They include: 1) National CIW Foundations Exam, 2) CIW Site Designer Certification Exam, and 3) CIW-E-Commerce Designer Certification Exam. The program topics include: Internet Business Fundamentals, Emerging Tech Research, Multimedia Web Design, and Web Graphic Creation.

Project SAIL Partner: **Lynn Durward**, Lynn.Durward@minnesota.edu

PROJECT SAIL PARTNER –

## Monroe Community College, NY

Course Title: **Golf Management Series**

Credit Hours: **15 / Certificate**

SAIL Category: **Business & Specialty Management**

This program provides students with an understanding of the golf industry and the etiquette, definitions, and rules that govern the game. Course objectives include management strategies for golf facility operations, as well as planning, organizing, and implementation of golf events.

Project SAIL Partner: **Jeff Bartkovich**, jbartkovich@monroecc.edu

Course Title: **Disaster Recovery and Business Continuity for Business Workers**

Credit Hours: **1.6 CEUs**

SAIL Category: **Public Safety & Homeland Security**

This course presents methods to identify vulnerabilities and implement appropriate countermeasures to prevent and mitigate failure risks for an organization. Participants gain a foundation in disaster recovery principles, with course topics that include: Preparing a Disaster Recovery Plan, Assessing Risks, and Prioritizing Systems and Functions for Recovery.

Project SAIL Partner: **Jeff Bartkovich**, jbartkovich@monroecc.edu

Course Title: **Public Health and Emergency Response**

Credit Hours: **48 instructional hours**

SAIL Category: **Public Safety & Homeland Security**

This program provides traditional and nontraditional responders an overview of public health issues during community health emergencies. Students learn the role of managing community health responses, incident command systems, and responses to top biological agents.

Project SAIL Partner: **Jeff Bartkovich**, jbartkovich@monroecc.edu

Course Title: **Scene Safety Tactics for Emergency Medical Services**

Credit Hours: **8 instructional hours**

SAIL Category: **Public Safety & Homeland Security**

This program provides an awareness of the multitude of personal safety issues involved in rescue and recovery scenes. The curriculum is designed to train EMS personnel to recognize danger cues through simulation and online team discussion opportunities.

Project SAIL Partner: **Jeff Bartkovich**, jbartkovich@monroecc.edu

Course Title: **Juvenile Firestarter Prevention**

Credit Hours: **16 instructional hours**

SAIL Category: **Public Safety & Homeland Security**

Juvenile fire setting is a life threatening problem that affects children, families, and communities. The course investigates the causes behind fire setting behaviors and provides a community based intervention approach for working with juvenile fire setters.

Project SAIL Partner: **Jeff Bartkovich**, jbartkovich@monroecc.edu

PROJECT SAIL PARTNER –

## Monterey Institute for Technology & Education (MITE), CA

Course Title: **Advanced Placement Series**

Credit Hours: **20**

SAIL Category: **Advanced Placement Programs**

The National Repository of Online Courses (NROC) is a library of online Advanced Placement Courses contributed by developers from leading online-learning programs. The A/P courses areas available include: Calculus, American Government, US History, Physics, and Environmental Science.

Project SAIL Partner: **Terri Rowenhorst**, [trowenhorst@montereyinstitute.org](mailto:trowenhorst@montereyinstitute.org)

PROJECT SAIL PARTNER –

## North Dakota State College of Science, ND

Course Title: **Architectural Drafting & Estimating Technology**

Credit Hours: **24/72 Certificate/  
AAS Degree**

SAIL Category: **Industry Trades &  
Engineering**

This program is designed to prepare students for technical work in construction-related industries, such as drafting, estimating, sales, construction management, and project coordination.

Project SAIL Partner: **Margaret Wall**, [Margaret.Wall@ndscs.nodak.edu](mailto:Margaret.Wall@ndscs.nodak.edu)

PROJECT SAIL PARTNER –

## Rio Salado Community College, AZ

Course Title: **Chemical Dependency Program**

Credit Hours: **39/+25 /Certificates  
or AAS**

SAIL Category: **Allied Health & Social  
Services**

The Chemical Dependency Program is designed to train practitioners in the field of chemical dependency counseling. The program offers two levels of chemical dependency counseling certificates as well as an AAS degree option, and meets state certification requirements.

Project SAIL Partner: **JKirk Bowden**, [kirk.bowden@riomail.maricopa.edu](mailto:kirk.bowden@riomail.maricopa.edu)  
<http://www.riosalado.edu/ci/programs/chemicalDependency/chemdependProgram.shtml>

Course Title: **Clinical Dental Assisting**

Credit Hours: **23**

SAIL Category: **Allied Health & Social Services**

This program prepares student to practice entry-level dental assisting. Courses are a blend of academic and clinical work, and complemented by comprehensive video instruction and unique distance learning lab kits. State/national certification can be completed with a 36-hour practicum.

Project SAIL Partner: **Nicole Albo**, nicole.albo@riomail.maricopa.edu  
[http://www.riosalado.edu/dental\\_assisting/](http://www.riosalado.edu/dental_assisting/)

Course Title: **Law Enforcement Technology**

Credit Hours: **39/+25 /Certificates or AAS**

SAIL Category: **Public Safety & Homeland Security**

These courses are designed to lead to degrees in Law Enforcement Technology and are taught by current practicing police professionals. They are designed with up-to-date knowledge on patrol procedures, criminal investigations, officer survival, police ethics, and criminalistics.

Project SAIL Partner: **David Brown**, david.brown@riomail.maricopa.edu  
[http://www.riosalado.edu/law\\_enforcement](http://www.riosalado.edu/law_enforcement)

PROJECT SAIL PARTNER –

**Shoreline Community College, WA**

Course Title: **Purchasing Management**

Credit Hours: **48 quarter credits/Certificate**

SAIL Category: **Business & Specialty Management**

The curriculum focuses on source selection, pricing theory, quality and quality assurance, logistics, supply-chain management, specifications and standardization, purchase timing, value engineering, make-or-buy concepts, and capital purchasing. Students also gain an understanding of the legal aspects of purchasing and the Uniform Commercial Code.

Project SAIL Partner: **John Backes**, jbackes@shore.ctc.edu

Course Title: **Accounting**

Credit Hours: **55 quarter credits/Certificate**

SAIL Category: **Business & Specialty Management**

The SCC Accounting Certificate offers improved and simplified software applications focused on expanded opportunities for managing financial information. Students use current software and develop skills in the creative process of organizing, analyzing, and interpreting financial information.

Project SAIL Partner: **John Backes**, jbackes@shore.ctc.edu

PROJECT SAIL PARTNER –

**St. Louis Community College, MO**

Course Title: **Information Reporting Technology CART and Captioning Reporting**

Credit Hours: **69 / AAS and 48 / Certificate**

SAIL Category: **Communications & Multimedia**

The Information Reporting Technology program prepares the student for entry-level positions in realtime captioning. Communication Access Realtime Translation (CART) reporters provide real-time translation for students. CART/Captioning for live television shows is provided by specialty-trained court reporters called stenocaptioners. This program prepares students to qualify to take the Certified Broadcast Captioner (CBC) exam or the Certified CART Provider (CCP) exam in order to work in the field of captioning for broadcast or live events.

Project SAIL Partner: **Dan Bain**, dbain@stlcc.edu, 314-539-5056

Course Title: **Broadcast Captioning**

Credit Hours: **12 / Certificate**

SAIL Category: **Communications & Multimedia**

This certificate teaches the basic theory and application of the spoken word to real-time, instantaneous translation used for television broadcast captioning. Focus is on necessary research skills in preparing captioning for news, weather, sports, and a variety of television shows.

Project SAIL Partner: **Dan Bain**, dbain@stlcc.edu, 314-539-5056

Course Title: **Criminal Justice**

Credit Hours: **64-67 / AAS and 33 / Certificate** SAIL Category: **Specialty Law Professions & Legal Services**

This program and certificate program prepares students for entry-level employment and advancement in the Criminal Justice/Corrections field. Students study the correctional system as it relates to the total criminal justice system, *i.e.*, law enforcement, courts, private security, probation, parole, etc. The series of courses include investigation, including crimes against persons and property, fact gathering, and problems of legally admissible proof.

Project SAIL Partner: **Dan Bain**, dbain@stlcc.edu, 314-539-5056

Course Title: **Funeral Director Program**

Credit Hours: **27 / Certificate** SAIL Category: **Business & Specialty Management**

This certificate program prepares students for licensure as funeral directors and entry-level employment in a funeral establishment. The curriculum focuses on the implications of grief and bereavement and the role of the funeral director. Areas of concentration include the business and public relations aspects of operating a funeral home, the social role of the funeral director in the dynamics of grief, and an investigation into changing attitudes toward death.

Project SAIL Partner: **Dan Bain**, dbain@stlcc.edu, 314-539-5056

Course Title: **Meteorology**

Credit Hours: **3** SAIL Category: **Physical Sciences**

This course introduces the forces that create specific weather patterns and phenomena. Topics range from global wind and radiation patterns on the macroscale to thunderstorms and tornadoes on the microscale. This course has been used to assist with certificates in the field of naturalist, skills-based requirements with the U.S. Navy, and certificate renewal for high school science teachers.

Project SAIL Partner: **Dan Bain**, dbain@stlcc.edu, 314-539-5056

Course Title: **Hospitality Studies/Hotel and Restaurant Management**

Credit Hours: **67/AAS and 39/ Certificate** SAIL Category: **Service Professions**

The program prepares students for entry-level careers in hotel and restaurant mgmt. Students learn key areas of cost control, supervision, and hospitality law. Hotel Mgmt. track includes front office management, guest services, and facility management. Restaurant Management track includes bar and beverage management, food preparation, and guest service management.

Project SAIL Partner: **Dan Bain**, dbain@stlcc.edu, 314-539-5056

PROJECT SAIL PARTNER –  
**St. Petersburg College, FL**

Course Title: **Quality Assurance and Quality Control for IT Professionals**

Credit Hours: **6 classes/Certificate** SAIL Category: **Technology**

The program provides an overview and practical applications of Quality Principles, Quality Assurance, Quality Control, Cost of Quality, and Two Views of Quality. Participants will explore the world's leading quality models (Malcolm Baldrige, SEI CMM®, SEI PMM, ISO 9000 (9001), and SPICE), the intent of each model, and how each model is used in industry.

Project SAIL Partner: **Anita George**, george.anita@spcollege.edu

Course Title: **IT Computer and Network Security Education**

Credit Hours: **6 classes/Certificate** SAIL Category: **Technology**

This program is offered in partnership with the International Information Systems Security Certification Consortium (ISC)<sup>2</sup>, the nonprofit international leader dedicated to training, qualifying, and certifying information security professionals worldwide.

Project SAIL Partner: **JC Brock**, jcbrock@spcollege.edu

PROJECT SAIL PARTNER –

## University of North Texas, TX

Program Title: **Library Education@Desktop**

Credit Hours: **CEU Certificate**

SAIL Category: **Professional Development**

These courses meet an urgent need in the library community and offer elearning options to train 100% of Library Staff. Course topics include: Security Tracking Devices, Grant Writing Basics, Info-Age Etiquette, Excellent Service in a Multicultural Environment, Privacy and Confidentiality: Law and Policy, Volunteers: Recruitment and Supervision, and Copyright Basics for Libraries.

Project SAIL Partner: **Arlita Harris**, arlita@unt.edu

Program Title: **The Multiracial Family**

Credit Hours: **3**

SAIL Category: **Professional Development**

This course is the academic study of dynamics found in multiracial families, with important concepts of race/ethnicity studies in assimilation, racial identity and pluralism explored. Other topics include passing, one-drop rule, bi- or multicultural identity and transracial adoption.

Project SAIL Partner: **Arlita Harris**, arlita@unt.edu

Program Title: **Graduate Academic Certificate in Gifted Education**

Credit Hours: **12**

SAIL Category: **Professional Development**

This Certificate in Gifted Education focuses on gifted children and educational development. The courses include: Nature and Needs of the Gifted and Talented; Social and Emotional Aspects; Planning Processes for Teaching Gifted Ed, and Methods and Curriculum. The classes address specific aspects used in Educational Psychology and Special Education with gifted emphasis.

Project SAIL Partner: **Arlita Harris**, arlita@unt.edu

Program Title: **Certificate in Volunteer & Community Resource Management**

Credit Hours: **12**

SAIL Category: **Professional Development**

This certificate is designed for professionals and students who want to add a competitive edge to their careers through specialized training in volunteer management, leadership, community asset mapping, program planning and evaluation.

Project SAIL Partner: **Arlita Harris**, arlita@unt.edu

Program Title: **Educational Research & Evaluation**

Credit Hours: **3**

SAIL Category: **Professional Development**

This course introduces methods and limitations of educational research. Students explore the procedures, strengths, and limitations of the research process with various quantitative and qualitative designs, mixed method research models, sampling procedures, threats to study validity, and formally developing a basic research proposal.

Project SAIL Partner: **Arlita Harris**, [arlita@unt.edu](mailto:arlita@unt.edu)

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FOR INNOVATION  
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