

Course Name: Public Safety



Unit Name: SAFETY PROCEDURES

Unit Number: PA-100

Dates: 2019 **Hours:** 82.5

Unit Description/Objectives:

Students will know and be able to identify all safety requirements

Tasks:

PA-101 – Follow the rules of conduct for the school and classroom.

PA-102 - Follow safety and standard operation procedures.

PA-103 - Use Personal Protective Equipment (PPE).

PA-104 – Use proper techniques for traffic control.

PA-105 – Explain bloodborne pathogens.

PA-106 – Describe scene safety and survival.

PA-107 – Practice health, wellness and stress management techniques.

Standards / Assessment Anchors

Focus Standard

CC.3.5.11-12. C. Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text

Supporting Standard

CC.3.5.11-12.D. Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.

CC.3.5.11-12.G. Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem.

Connecting Standard

CC.3.5.9-10. I Compare and contrast findings presented in a text to those from other sources, etc.

Supporting Standard

CC.3.5.9-10. G Translate quantitative or technical information expressed in a text into visual form (e.g. a table or chart)

CC.3.5.9-10. H Assess the reasoning in a text to support the author's claim for solving a technical problem.

Instructional Activities:

Knowledge:

- Complete Objective Worksheet for each assigned module
- Participate in theory presentation and respond to questions
- Complete vocabulary activities
- Participate in group activities as directed
- Take notes during theory presentation
- Complete assigned worksheets
- Complete assigned reading
- Maintain student notebook
- Demonstrate knowledge of safety

Skill:

- Demonstrate safety by following standard operating procedures
- Wear appropriate safety equipment for shop and skills
- Summarize safety procedures
- Do not attempt procedures that you are not taught or checked off on
- Explain how to avoid shop accidents
- Use equipment for its designed purpose
- Properly select the right tool for the job
- Maintain and store tools properly

Remediation:

- Utilize resource personnel
- Re-teach major concepts
- Review with teacher assistance
- Study group
- Worksheets
- Individual tutoring
- Group tutoring
- Peer tutoring
- Review games
- Retest or alternative assessment
- Technology integration
- Study guides
- Computer assisted instruction

Enrichment:

- Proceed to next assigned task
- Assist another student
- Computer research on an approved topic
- Individual project work

Safety:

- Student must:
 - Pass safety test with 100% for all equipment
 - Handle material in a safe and professional manner
 - Use protective clothing and equipment
 - Use equipment in a safe manner
 - Follow manufacturer's directions when using any product, tool, equipment, etc.

Use proper safety precautions when using /operating equipment.
Know and follow the established safety rules at all times

Assessment:

Worksheets
Quizzes
Pre/Post Tests
Time Cards
Writing Activities
Rubrics
Individual Projects
Content related assessments
Portfolio

Resources/Equipment:

Brady (2013) IFSTA, Fire Protection Publications-Oklahoma State University, Essentials of Firefighting
Fire Department Operations
AAOS (2018) Pollak, Andrew N. Emergency Medical Responder, Sixth Edition
AAOS (2017) Pollak, Andrew N. Emergency Care and Transportation of the Sick and Injured, Eleventh Edition
Cengage Learning, Siegel, Larry J. Worrall, John L. (2018) Introduction to Criminal Justice Sixteenth Edition
Safety checklist
Protective clothing
Computer
Internet resources

Steel Center for Career and Technical Education

Course Name: Public Safety and Emergency Medicine



STEEL CENTER

for CAREER & TECHNICAL EDUCATION

Unit Name: PA-200 Communications

Unit Number: PA-200

Dates: 2019 **Hours:** 19

Unit Description/Objectives:

Student will be able to explain, describe, explain and use elements of the criminal justice system.

Tasks:

PA-201 Use the NATO phonetic alphabet.

PA-202 Use navigational techniques.

PA-203 Use communication devices and radio procedures.

PA-204 Demonstrate knowledge about receiving and responding to a call.

PA-205 Complete industry appropriate incident reporting forms.

Standards / Assessment Anchors

Focus Standard/Anchor

CC.3.5.9-12.B. Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.

Supporting Standards/Anchors

CC.3.5.9-10.E. Analyze the structure of the relationships among concepts in a text, including relationships among key terms.

CC.3.5.11-12.E. Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas.

Connecting Standard/Anchor

CC.3.6.9-12.C. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

Supporting Standards/Anchors

CC.3.5.9-12.A. Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account.

CC.3.5.9-12.F. Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, identifying important issues that remain unresolved.

Instructional Activities:

Knowledge:

- Complete Objective Worksheet for each assigned module
- Participate in theory presentation and respond to questions
- Complete vocabulary activities
- Participate in group activities as directed
- Take notes during theory presentation
- Complete assigned worksheets
- Complete assigned reading
- Maintain student notebook
- Demonstrate knowledge of safety

Skill:

- Demonstrate safety by following standard operating procedures
- Wear appropriate safety equipment for shop and skills
- Summarize safety procedures
- Do not attempt procedures that you are not taught or checked off on
- Explain how to avoid shop accidents
- Use equipment for its designed purpose
- Properly select the right tool for the job
- Maintain and store tools properly

Remediation:

- Utilize resource personnel
- Re-teach major concepts
- Review with teacher assistance
- Study group
- Worksheets
- Individual tutoring
- Group tutoring
- Peer tutoring
- Review games
- Retest or alternative assessment
- Technology integration
- Study guides
- Computer assisted instruction

Enrichment:

- Proceed to next assigned task
- Assist another student
- Computer research on an approved topic
- Individual project work

Safety:

- Student must:
 - Pass safety test with 100% for all equipment
 - Handle material in a safe and professional manner
 - Use protective clothing and equipment
 - Use equipment in a safe manner
 - Follow manufacturer's directions when using any product, tool, equipment, etc.
 - Use proper safety precautions when using /operating equipment.
 - Know and follow the established safety rules at all times

Assessment:

- Worksheets
- Quizzes
- Pre/Post Tests

Time Cards
Writing Activities
Rubrics
Individual Projects
Any content related assessment
Portfolio

Resources/Equipment:

Brady (2013) IFSTA, Fire Protection Publications-Oklahoma State University, Essentials of Firefighting
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Steel Center for Career and Technical Education

Course Name: Protective Services



Unit Name: PA-300 Homeland Security

Unit Number: PA-300

Dates: 2019 **Hours:** 78.75

Unit Description/Objectives:

Student will be able to explain, describe, and explain the history and structure of Homeland Security.

Tasks:

PA-301 Explain the United States Department of Homeland Security and its components.

PA-302 Explain the evolution of terrorism.

PA-303 Explain the USA Patriot Act.

Standards / Assessment Anchors

Focus Standard/Anchor

CC.3.6.9-12.H. Draw evidence from informational texts to support analysis, reflection, and research.

Supporting Standards/Anchors

CC.3.6.9-12.C. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

CC.3.5.9-12.A. Cite specific textual evidence to support analysis of science and technical texts, attending to precise details of explanations or descriptions.

Connecting Standard/Anchor

CC.8.5.9-12.A. Cite specific textual evidence to support analysis of primary and secondary sources, attending to such features as the date and origin of the information.

Supporting Standards/Anchors

CC.8.5.9-12.B. Determine the central ideas or information of a primary or secondary source; provide an accurate summary of how key events or ideas develop over the course of the texts.

CC.8.5.9-12.B. Evaluate various explanations for actions or events and determine which explanation best accords with textual evidence, acknowledging where the text leaves matters uncertain.

Instructional Activities:

Knowledge:

- Complete Objective Worksheet for each assigned module
- Participate in theory presentation and respond to questions
- Complete vocabulary activities
- Participate in group activities as directed
- Take notes during theory presentation

- Complete assigned worksheets
- Complete assigned reading
- Maintain student notebook
- Demonstrate knowledge of safety

Skill:

- Demonstrate safety during any task
- Wear appropriate safety equipment for skills
- Summarize safety procedures
- Do not attempt procedures that you are not taught or checked off on
- Explain how to avoid accidents
- Use equipment for its designed purpose
- Properly select the right tool for the job
- Maintain and store equipment properly

Remediation:

- Re-teach major concepts
- Review with teacher assistance
- Study group
- Worksheets
- Individual tutoring
- Group tutoring
- Peer tutoring
- Review games
- Retest or alternative assessment
- Technology integration
- Study guides
- Computer assisted instruction

Enrichment:

- Proceed to next assigned task
- Assist another student
- Computer research on an approved topic
- Individual project work

Safety:

- Student must:
 - Pass safety test with 100% for all equipment
 - Handle material in a safe and professional manner
 - Use protective clothing and equipment
 - Use equipment in a safe manner
 - Follow manufacturer's directions when using any product, tool, equipment, etc.
 - Use proper safety precautions when using /operating equipment.
 - Know and follow the established safety rules at all times

Assessment:

- Worksheets
- Quizzes
- Pre/Post Tests
- Writing Activities
- Rubrics
- Individual Projects
- Content related assessment

Notebook review

Resources/Equipment:

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Steel Center for Career and Technical Education

Course Name: Public Safety



Unit Name: PA-400 Incident Command System

Unit Number: PA-400

Dates: 2019 **Hours:** 13.5

Unit Description/Objectives:

Student will be able to discuss, describe, explain and use elements of the Incident Command System

Tasks:

PA-401 Complete IS 100 - Introduction to ICS.

PA-402 Complete IS 200 - ICS for Single Resources and Initial Action Incidents.

PA-403 Complete IS 700 - Introduction to National Incident Management System.

PA-404 Complete IS 800 - Introduction to National Response Framework.

Standards / Assessment Anchors

Focus Standard/Anchor

CC.3.5.9-12.E. Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas.

Supporting Standards/Anchors

CC.3.5.9-12.B. Determine the central ideas or information or conclusions of a text; trace the text's explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text.

CC.8.6.9-12.F. Use technology, including the Internet, to produce, publish, and update individual or shared writing products in response to ongoing feedback, including new arguments or information.

Connecting Standard/Anchor

CC.8.5.9-12.E. Analyze in detail how a complex primary source is structured, including how key sentences, paragraphs, and larger portions of the text contribute to the whole.

Supporting Standards/Anchors

CC.8.5.9-12.D. Determine the meaning of words and phrases as they are used in a text, including analyzing how an author uses and refines the meaning of a key term over the course of a text.

CC.CC.3.5.9-10.E. Analyze the structure of the relationships among concepts in a text, including relationships among key terms.

Instructional Activities:

Knowledge:

- Complete Objective Worksheet for each assigned module
- Participate in theory presentation and respond to questions
- Complete vocabulary activities
- Participate in group activities as directed
- Take notes during theory presentation
- Complete assigned worksheets
- Complete assigned reading
- Maintain student notebook
- Demonstrate knowledge of safety

Skill:

- Demonstrate safety during any task
- Wear appropriate safety equipment for skills
- Summarize safety procedures
- Do not attempt procedures that you are not taught or checked off on
- Explain how to avoid accidents
- Use equipment for its designed purpose
- Properly select the right tool for the job
- Maintain and store equipment properly

Remediation:

- Re-teach major concepts
- Review with teacher assistance
- Study group
- Worksheets
- Individual tutoring
- Group tutoring
- Peer tutoring
- Review games
- Retest or alternative assessment
- Technology integration
- Study guides
- Computer assisted instruction

Enrichment:

- Proceed to next assigned task
- Assist another student
- Computer research on an approved topic
- Individual project work

Safety:

- Student must:
- Pass safety test with 100% for all equipment
- Handle material in a safe and professional manner
- Use protective clothing and equipment
- Use equipment in a safe manner
- Follow manufacturer's directions when using any product, tool, equipment, etc.
- Use proper safety precautions when using /operating equipment.
- Know and follow the established safety rules at all times

Assessment:

- Worksheets
- Quizzes
- Pre/Post Tests

Writing Activities
Rubrics
Individual Projects
Any content related assessment
Notebook review

Resources/Equipment:

Brady (2013) IFSTA, Fire Protection Publications-Oklahoma State University, Essentials of Firefighting
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Steel Center for Career and Technical Education

Course Name: Public Safety and Emergency Medicine



STEEL CENTER

for CAREER & TECHNICAL EDUCATION

Unit Name: PA-500 Emergency Medicine (EMT)

Unit Number: PA-500

Dates: 2019 **Hours:** 602

Unit Description/Objectives:

Student will be able to discuss, describe, explain and use elements of Emergency Medicine.

Tasks:

- PA-501 Explain the EMS system.
- PA-502 Discuss workforce Safety and Wellness.
- PA-503 Discuss patient and provider safety.
- PA-504 Discuss medical, legal and ethical issues.
- PA-505 Discuss Scope of Practice and Protocols
- PA-506 Discuss and Explain patient privacy-HIPAA
- PA-507 Explain Human Anatomy.
- PA-508 Discuss human physiology.
- PA-509 Explain patient assessment.
- PA-510 Demonstrate OPQRST and SAMPLE
- PA-511 Demonstrate taking Vital Signs (Blood Pressure, Pulse, and Respiration).
- PA-512 Demonstrate treatment of a cardiac arrest patient (Infant, Child, Adult and AED).
- PA-513 Demonstrate airway management.
- PA-514 Demonstrate oxygen administration and ventilation.
- PA-515 Demonstrate proper lifting and moving of patients.
- PA-516 Discuss traumatic Injuries and bleeding control.
- PA-517 Explain treatment of Shock.
- PA-518 Demonstrate the procedures to treat airway obstructions on adult, pediatric and PA-infant patients.
- PA-519 Demonstrate the procedures to treat cardiac arrest patients.
- PA-520 Identify the degree and percentage of burn injuries.
- PA-521 Explain the signs and symptoms of different burn injuries.
- PA-522 Explain the indications and contraindications of immobilization.
- PA-523 Demonstrate spine immobilization (supine and seated).
- PA-524 Demonstrate the proper techniques for splinting long bone injuries.
- PA-525 Demonstrate the proper techniques for splinting joint injuries.
- PA-526 Identify and describe chest injuries.
- 527PA- Demonstrate the proper procedures for treating chest injuries.
- PA-528 Demonstrate treatment of soft tissue injuries.
- PA-529 Demonstrate splinting.
- PA-530 Demonstrate the assessment of a trauma patient.
- PA-531 Demonstrate the use of a vest type immobilization device.
- PA-532 Discuss the proper indications and contraindications of medications within the scope of the EMR.
- PA-533 Discuss the proper indications and contraindications of medications within the scope of the EMT.
- PA-534 Demonstrate the proper administration of medications within the scope of the EMR.
- PA-535 Demonstrate the proper administration of medications within the scope of the EMT.
- PA-536 Explain principals of pharmacology.
- PA-537 Explain the Principals of medical emergencies.
- PA-538 Discuss environmental emergencies.
- PA-539 Explain respiratory emergencies.

PA-540	Explain cardiovascular emergencies.
PA-541	Demonstrate treatment and medication administration of medical emergencies.
PA-542	Discuss gastrointestinal, urologic, endocrine and hematologic emergencies.
PA-543	Explain psychiatric emergencies.
PA-544	Explain pediatric emergencies.
PA-545	Explain geriatric emergencies.
PA-546	Explain gynecologic emergencies.
PA-547	Discuss obstetrics and neonatal care.
PA-548	Demonstrate the assessment of a medical patient.
PA-549	Discuss patient with special challenges, cultural competence and diversity.
PA-550	Explain transport operations.
PA-551	Explain incident management.
PA-552	Describe the procedures for an emergency delivery and post-delivery care.
PA-553	Describe ambulance vehicle operations
PA-554	Demonstrate the steps to take to ensure the ambulance is properly stocked and functioning.
PA-555	Demonstrate giving a patient report when transferring care.
PA-556	Perform mathematics applications according to emergency medical technicians.
PA-557	Discuss and demonstrate triage (CDC guidelines).

Standards / Assessment Anchors

Focus Standard/Anchor

CC.3.5.9-12.G. Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem.

Supporting Standards/Anchors

CC.3.5.11-12. C. Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text.

CC.2.4.5.A.1 Solve problems using conversions within a given measurement system.

Connecting Standard/Anchor

CC.3.5.9-12.B. Determine the central ideas or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms.

Supporting Standards/Anchors

CC.3.6.9-12.A. Use words, phrases, and clauses to link the major sections of the text, create cohesion, and clarify the relationships between claim(s) and reasons, between reasons and evidence, and between claim(s) and counter claims.

CC.3.6.9-12B. Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical procedures/experiments, or technical processes.

Instructional Activities:

Knowledge:

- Complete Objective Worksheet for each assigned module
- Participate in theory presentation and respond to questions
- Complete vocabulary activities
- Participate in group activities as directed
- Take notes during theory presentation
- Complete assigned worksheets
- Complete assigned reading
- Maintain student notebook
- Demonstrate knowledge of safety

Skill:

- Demonstrate safety during any task
- Wear appropriate safety equipment for skills
- Summarize safety procedures
- Do not attempt procedures that you are not taught or checked off on
- Explain how to avoid accidents
- Use equipment for its designed purpose
- Properly select the right tool for the job
- Maintain and store equipment properly

Remediation:

- Re-teach major concepts
- Review with teacher assistance
- Study group
- Worksheets
- Individual tutoring
- Group tutoring
- Peer tutoring
- Review games
- Retest or alternative assessment
- Technology integration
- Study guides
- Computer assisted instruction

Enrichment:

- Proceed to next assigned task
- Assist another student
- Computer research on an approved topic
- Individual project work

Safety:

- Student must:
 - Only use equipment when properly taught and have demonstrated use
 - Handle material in a safe and workmanlike manner
 - Use protective clothing and equipment
 - Follow manufacturer's directions when using any product, tool, equipment, etc.
 - Use proper safety precautions when using /operating hand tools.
 - Use tools and equipment in a professional work like manner according to OSHA

standards
Know and follow the established safety rules at all times

Assessment:

Worksheets
Quizzes
Pre/Post Tests
Writing Activities
Rubrics
Individual Projects
Any content related assessment
Notebook review

Resources/Equipment:

Brady (2013) IFSTA, Fire Protection Publications-Oklahoma State University, Essentials of Firefighting
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Internet resources

Course Name: Protective Services



STEEL CENTER
for CAREER & TECHNICAL EDUCATION

Unit Name: Introduction to Criminal Justice

Unit Number: PA600

Dates: 2019 **Hours:** 90

Unit Description/Objectives:

Student will be able to discuss, describe, explain and use elements of Criminal Justice.

Tasks:

- PA601 Explain the United States Constitution and the Bill of Rights
- PA602 Explain the due process requirements
- PA603 Explain "search and seizure" and the exclusionary rule
- PA604 Define Civil, Administrative and procedural law
- PA605 Define Categories of Crime (i.e. Murders, felonies, Misdemeanor and Summary offenses)
- PA606 Describe the steps of a criminal trial process
- PA607 Explain the difference in juvenile and adult system of justice
- PA608 Explain applicable case law (Terry v. Ohio, Tennessee v. Garner, Miranda v. Arizona, Mapp v. Ohio, Gagnon v. Scarpelli, Gideon v. Wainright, Chimel v. California)

Standards / Assessment Anchors

Focus Standard/Anchor

CC.8.5.9-10.I. Integrate information from diverse sources, both primary and secondary, into a coherent understanding of an idea or event, noting discrepancies among sources.

Supporting Standards/Anchors

CC.8.5.9-12.H Evaluate an author's premises, claims, and evidence by corroborating or challenging them with other information.

CC.8.5.9-12.D Determine the meaning of words and phrases as they are used in a text, including analyzing how an author uses and refines the meaning of a key term over the course of a text.

Connecting Standard/Anchor

CC.8.5.9-12.A. Cite specific textual evidence to support analysis of primary and secondary sources, attending to such features as the date and origin of the information.

Supporting Standards/Anchors

CC.8.5.9-12.B. Determine the central ideas or information of a primary or secondary source; provide an accurate summary of how key events or ideas develop over the course of the text.

CC.8.5.9-12.C. Analyze in detail a series of events described in a text; determine whether earlier events caused later ones or simply preceded them.

Instructional Activities:

Knowledge:

- Complete Objective Worksheet for each assigned module
- Participate in theory presentation and respond to questions
- Complete vocabulary activities
- Participate in group activities as directed
- Take notes during theory presentation
- Complete assigned worksheets
- Complete assigned reading
- Maintain student notebook
- Demonstrate knowledge of safety

Skill:

- Demonstrate safety during any task
- Wear appropriate safety equipment for skills
- Summarize safety procedures
- Do not attempt procedures that you are not taught or checked off on
- Explain how to avoid accidents
- Use equipment for its designed purpose
- Properly select the right tool for the job
- Maintain and store equipment properly

Remediation:

- Re-teach major concepts
- Review with teacher assistance
- Study group
- Worksheets
- Individual tutoring
- Group tutoring
- Peer tutoring
- Review games
- Retest or alternative assessment
- Technology integration
- Study guides
- Computer assisted instruction

Enrichment:

- Proceed to next assigned task
- Assist another student
- Computer research on an approved topic
- Individual project work

Safety:

- Student must:
- Pass safety test with 100% for all equipment
- Handle material in a safe and professional manner
- Use protective clothing and equipment
- Use equipment in a safe manner
- Follow manufacturer's directions when using any product, tool, equipment, etc.
- Use proper safety precautions when using /operating equipment.
- Know and follow the established safety rules at all times

Assessment:

- Worksheets
- Quizzes
- Pre/Post Tests
- Writing Activities
- Rubrics
- Individual Projects
- Any content related assessment
- Notebook review

Resources/Equipment:

- Brady (2013) IFSTA, Fire Protection Publications-Oklahoma State University, Essentials of Firefighting
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Steel Center for Career and Technical Education

Course Name: Public Safety and Emergency Medicine



STEEL CENTER

for CAREER & TECHNICAL EDUCATION

Unit Name: Police Procedures

Unit Number: PA700

Dates: 2019 **Hours:** 91

Unit Description/Objectives:

Student will be able to discuss, describe, explain and use elements of Police Procedures

Tasks:

- 701 Identify standard police equipment and uses
- 702 Define the progression of the use of force continuum
- 703 Describe the history of drug abuse and anti-drug legislation in America
- 704 Identify different types of drugs and their schedules
- 705 Explain and demonstrate the process for using miranda rights
- 706 Perform techniques for vehicle stops
- 707 Prepare and issue a traffic warning and traffic citation
- 708 Complete simulated crash report
- 709 Use proper techniques for handling domestic disputes
- 710 Demonstrate proper search and 'stop and frisk' of a suspect
- 711 Demonstrate the proper procedures for hand cuffing

Standards / Assessment Anchors

Focus Standard/Anchor

CC.3.5.9-10.C. Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.

Supporting Standards/Anchors

CC.3.5.9-12-E Analyze the structure of the relationships among concepts in a text, including relationships among key terms.

CC.3.5.9-12.G. Translate quantitative or technical information expressed in words in a text into visual form and translate information expressed visually or mathematically into words.

Connecting Standard/Anchor

CC.3.6.9-12.C. Produce clear and coherent writing in which the development, organization and style are appropriate to task, purpose and audience.

Supporting Standards/Anchors

CC.8.5.9-12.B. Determine the central ideas or information of a primary or secondary source; provide an accurate summary of how key events or ideas develop over the course of the text.

CC.8.5.9-12.D. Determine the meaning of words and phrases as they are used in a text, including analyzing how an author uses and refines the meaning of a key term over the course of a text.

Instructional Activities:

Knowledge:

- Complete Objective Worksheet for each assigned module
- Participate in theory presentation and respond to questions
- Complete vocabulary activities
- Participate in group activities as directed
- Take notes during theory presentation
- Complete assigned worksheets
- Complete assigned reading
- Maintain student notebook
- Demonstrate knowledge of safety

Skill:

- Demonstrate safety during any task
- Wear appropriate safety equipment for skills
- Summarize safety procedures
- Do not attempt procedures that you are not taught or checked off on
- Explain how to avoid accidents
- Use equipment for its designed purpose
- Properly select the right tool for the job
- Maintain and store equipment properly

Remediation:

- Re-teach major concepts
- Review with teacher assistance
- Study group
- Worksheets
- Individual tutoring
- Group tutoring
- Peer tutoring
- Review games
- Retest or alternative assessment
- Technology integration
- Study guides
- Computer assisted instruction

Enrichment:

- Proceed to next assigned task
- Assist another student
- Computer research on an approved topic
- Individual project work

Safety:

- Student must:
 - Pass safety test with 100% for all equipment

Handle material in a safe and professional manner
Use protective clothing and equipment
Use equipment in a safe manner
Follow manufacturer's directions when using any product, tool, equipment, etc.
Use proper safety precautions when using /operating equipment.
Know and follow the established safety rules at all times

Assessment:

Worksheets
Quizzes
Pre/Post Tests
Writing Activities
Rubrics
Individual Projects
Any content related assessment
Notebook review

Resources/Equipment:

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Steel Center for Career and Technical Education

Course Name: Public Safety and Emergency Medicine



STEEL CENTER
for CAREER & TECHNICAL EDUCATION

Unit Name: PA800 Firefighting

Unit Number: PA800

Dates: 2019 **Hours:** 224

Unit Description/Objectives:

Student will be able to discuss, describe, explain and use elements of Firefighting

Tasks:

- PA801 Discuss fire ground operations.
- PA802 Don and use firefighting Personal Protection Equipment (PPE).
- PA803 Discuss fire behavior.
- PA804 Use portable fire extinguishers.
- PA805 Establish water supply.
- PA806 Use fire hose and appliances.
- PA807 Use ropes and tie knots.
- PA808 Utilize and maintain ladders.
- PA809 Explain forcible entry.
- PA810 Don, utilize and maintain Self Contained Breathing Apparatus (SCBA).
- PA811 Explain use of nozzles.
- PA812 Explain ventilation.
- PA813 Explain fire suppression.
- PA814 Explain salvage and overhaul.
- PA815 Explain scene preservation.
- PA816 Explain use of lighting equipment.

Standards / Assessment Anchors

Focus Standard/Anchor

CC.3.5.9-12.C. Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.

Supporting Standards/Anchors

CC.3.5.9-12.A. Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions.

CC.3.5.9-12-E. Analyze the structure of the relationships among concepts in a text, including relationships among key terms.

Connecting Standard/Anchor

CC.3.6.9-12.G. Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.

Supporting Standards/Anchors

CC.8.5.9-12.B. Determine the central ideas or information of a primary or secondary source; provide and accurate summary of how key events or ideas develop over the course of the text.

CC.3.6.9-12-H. Draw evidence from informational texts to support analysis, reflection, and research.

Instructional Activities:

Knowledge:

- Complete Objective Worksheet for each assigned module
- Participate in theory presentation and respond to questions
- Complete vocabulary activities
- Participate in group activities as directed
- Take notes during theory presentation
- Complete assigned worksheets
- Complete assigned reading
- Maintain student notebook
- Demonstrate knowledge of safety

Skill:

- Demonstrate safety during any task
- Wear appropriate safety equipment for skills
- Summarize safety procedures
- Do not attempt procedures that you are not taught or checked off on
- Explain how to avoid accidents
- Use equipment for its designed purpose
- Properly select the right tool for the job
- Maintain and store equipment properly

Remediation:

- Re-teach major concepts
- Review with teacher assistance
- Study group
- Worksheets
- Individual tutoring
- Group tutoring
- Peer tutoring
- Review games
- Retest or alternative assessment
- Technology integration
- Study guides
- Computer assisted instruction

Enrichment:

- Proceed to next assigned task
- Assist another student
- Computer research on an approved topic
- Individual project work

Safety:

Student must:

Pass safety test with 100% for all equipment

Handle material in a safe and professional manner

Use protective clothing and equipment

Use equipment in a safe manner

Follow manufacturer's directions when using any product, tool, equipment, etc.

Use proper safety precautions when using /operating equipment.

Know and follow the established safety rules at all times

Assessment:

Worksheets

Quizzes

Pre/Post Tests

Writing Activities

Rubrics

Individual Projects

Any content related assessment

Notebook review

Resources/Equipment:

Brady (2013) IFSTA, Fire Protection Publications-Oklahoma State University, Essentials of Firefighting

Fire Department Operations

AAOS (2018) Pollak, Andrew N. Emergency Medical Responder, Sixth Edition

AAOS (2017) Pollak, Andrew N. Emergency Care and Transportation of the Sick and Injured, Eleventh Edition

Cengage Learning, Siegel, Larry J. Worrall, John L. (2018) Introduction to Criminal Justice Sixteenth Edition

Safety checklist

Protective clothing

Computer

Internet resources

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STEEL CENTER
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Unit Name: 900 Hazardous Materials Awareness

Unit Number: PA900

Dates: 2019 **Hours:** 20.25

Unit Description/Objectives:

Student will be able to discuss, describe, explain and use elements of Hazardous Materials

Tasks:

PA901 Recognize and indentify hazardous materials.

PA902 Utilize the North American Emergency Response Guidebook and other reference materials.

PA903 Discuss how to isolate and deny entry to hazardous materials incidents.

Standards / Assessment Anchors

Focus Standard/Anchor

CC.3.5.9-12.D. Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context.

Supporting Standards/Anchors

CC.3.6.9-12.H. Draw evidence from informational texts to support analysis, reflection, and ` research.

CC.3.5.9-12.E. Analyze the structure of the relationships among concepts in a text, including relationships among key terms.

Connecting Standard/Anchor

CC.3.5.9-12.G. Integrate and evaluate multiple sources of information presented in diverse formats and media in order to address a question or solve a problem.

Supporting Standards/Anchors

CC.3.5.9-12.A. Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account.

CC.3.5.11-12.E. Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas.

Instructional Activities:

Knowledge:

Complete Objective Worksheet for each assigned module

Participate in theory presentation and respond to questions

- Complete vocabulary activities
- Participate in group activities as directed
- Take notes during theory presentation
- Complete assigned worksheets
- Complete assigned reading
- Maintain student notebook
- Demonstrate knowledge of safety

Skill:

- Demonstrate safety during any task
- Wear appropriate safety equipment for skills
- Summarize safety procedures
- Do not attempt procedures that you are not taught or checked off on
- Explain how to avoid accidents
- Use equipment for its designed purpose
- Properly select the right tool for the job
- Maintain and store equipment properly

Remediation:

- Re-teach major concepts
- Review with teacher assistance
- Study group
- Worksheets
- Individual tutoring
- Group tutoring
- Peer tutoring
- Review games
- Retest or alternative assessment
- Technology integration
- Study guides
- Computer assisted instruction

Enrichment:

- Proceed to next assigned task
- Assist another student
- Computer research on an approved topic
- Individual project work

Safety:

- Student must:
- Pass safety test with 100% for all equipment
- Handle material in a safe and professional manner
- Use protective clothing and equipment
- Use equipment in a safe manner
- Follow manufacturer's directions when using any product, tool, equipment, etc.
- Use proper safety precautions when using /operating equipment.
- Know and follow the established safety rules at all times

Assessment:

Worksheets
Quizzes
Pre/Post Tests
Writing Activities
Rubrics
Individual Projects
Any content related assessment
Notebook review

Resources/Equipment:

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