

# Alex B. Criswell

## Project Design Document

Includes the following sections.

- Outline
- Blueprint
- Learning Outcomes
- Script
- Case Study
- Time Log

### Note

- Project Information and Goal/Blueprint grids adapted from IDOL courses.
- *Case Study template adapted from IDOL courses.*

## Outdoor Warning Sirens

### Overview

- **Purpose:** To teach local residents how to recognize the alerts of the outdoor warning sirens and how to respond to the specific situation.
- **Description:** This infographic provides general information to members of the public of how the outdoor warning sirens alerts function and how to recognize specific alerts.

# Project Information

<b>Project Title</b>	Outdoor Warning Sirens
<b>Tools used in Development</b>	Microsoft Word, Canva
<b>Time in Development</b>	4 hours
<b>Client</b>	Hoosier County, Indiana (fictitious)
<b>Collaborators</b>	Ashley Renee - County President; Alex Criswell - Instructional Designer/Graphic Designer

# Topic Analysis

<b>Audience</b>	Local citizens of Hoosier County (fictitious) in Northwest Indiana.
<b>Problem</b>	State officials would like to educate the local citizens on the outdoor warning sirens in regards to how they function, recognizing specific alerts, and how to react/respond to the situation based on recognizing the alert.
<b>Solution</b>	An infographic will be created to educate local citizens on recognizing and responding to specific alerts from the outdoor warning sirens.
<b>Resources</b>	<ul style="list-style-type: none"><li>• <a href="#">Severe Weather/Outdoor Warning Siren System</a></li><li>• <a href="#">National Warning System Operations Manual</a></li></ul>

# Outline

## **TITLE: OUTDOOR WARNING SIRENS**

The State of Indiana, in accordance with the National Weather Service, utilizes Civil Defense Sirens (Outdoor Warning Sirens) in the event of a public emergency or severe weather.

## **RECOGNIZE THE ALERTS**

### **Attention/Alert Warning**

- 3-5 minute steady signal
- Alerts the public of peacetime emergencies (i.e., Tornadoes or Flash Floods)
- Take cover immediately

### **Attack Warning**

- 3-5 minute wailing signal
- Alerts residents of severe emergency (i.e., Missile/Air-time Attack)
- Take protective action immediately

### **All Clear Alert**

- The sirens do not provide an all clear signal.
- Residents should check local radio, tv, and social media channels for further action.

### **Monthly Testing**

- All counties in Indiana are required to test the warning sirens once a month.
- Time and day of the test varies by county.
- Hoosier County tests their warning sirens the first Saturday of the month at 11:00 a.m. local time.

## References

Federal Emergency Management Agency. (n.d.). *National Warning System Operations Manual*. FEMA Manual 1550.2.  
<https://www.hsdl.org/?view&did=460518>

Monroe County, Indiana. Outdoor Warning Sirens / Monroe County, IN. (n.d.).  
<https://www.co.monroe.in.us/topic/index.php?topicid=79&structureid=19>

## Goal Strategy Blueprint

### Lesson Strategy - Course Planning

Starting Point	Milestone 1	Milestone 2	Milestone 3	Goal
<b>Someone at this stage is:</b>	<b>Someone at this stage is:</b>	<b>Someone at this stage is:</b>	<b>Someone at this stage is:</b>	<b>Someone at this stage is:</b>
Learner is unfamiliar with outdoor warning sirens.	Learner is able to recall the types of alerts for an outdoor warning siren.	Learner is able to summarize the key points of each type of alert for an outdoor warning siren.	Learner is able to identify an urgent situation based on an alert tone provided by an outdoor warning siren.	Learner is able to determine the appropriate action(s) needed for safety based on an alert tone provided by an outdoor warning siren.
<b>To get to the next stage:</b>	<b>To get to the next stage:</b>	<b>To get to the next stage:</b>	<b>To get to the next stage:</b>	<b>Goal Assessment</b>
Learner is introduced to the types of alerts for outdoor warning sirens.	Learner is provided an overview of each type of alert.	Learner will need to analyze outdoor warning siren tones to determine the urgent situation.	Learner is able to identify a specific urgent situation based on the tone of an outdoor warning siren.	N/A
<b>Content Ideas</b>	<b>Content Ideas</b>	<b>Content Ideas</b>	<b>Content Ideas</b>	<b>Overall Goal</b>

Infographic	<i>ibid</i>	<i>ibid</i>	<i>ibid</i>	After reviewing the infographic, citizens will be able determine the appropriate steps needed to safely respond to an emergent situation given an alert from an outdoor warning siren.
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## Learning Outcomes

### Terminal Course Outcome(s)

- After reviewing the infographic, citizens will be able determine the appropriate steps needed to safely respond to an emergent situation given an alert from an outdoor warning siren by the next monthly test.

### Learning Objectives

After reviewing the infographic, citizens will be able to:

- Recall the types of alerts for an outdoor warning siren.
- Summarize the key points of each type of alert for an outdoor warning siren.
- Identify an urgent situation based on an alert tone provided by an outdoor warning siren.
- Determine the appropriate action(s) needed for safety based on an alert tone provided by an outdoor warning siren.

## Script

Topic (Section)	Transcript (Say)	On-screen Text (Show)	Design Notes (Do)
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Title	OUTDOOR WARNING SIRENS	OUTDOOR WARNING SIRENS	
Overview	The State of Indiana, in accordance with the National Weather Service, utilizes Civil Defense Sirens (Outdoor Warning Sirens) in the event of a public emergency or severe weather.	Outdoor Warning Sirens are used in the event of a public emergency or severe weather.	
Recognize the Alerts	RECOGNIZE THE ALERTS	RECOGNIZE THE ALERTS	
Attention/Alert Warning	Attention/Alert Warning	Attention/Alert Warning	Title overlaying a background of an alert context.
Information on Attention Warning	<ul style="list-style-type: none"> <li>• This alert is a 3-5 minute steady or continuous signal</li> <li>• This alert is to notify the public of peacetime emergencies (i.e., Tornadoes or Flash Floods)</li> <li>• Take cover immediately</li> </ul>	<ul style="list-style-type: none"> <li>• 3-5 minute steady signal</li> <li>• Alerts the public of peacetime emergencies (i.e., Tornadoes or Flash Floods)</li> <li>• Take cover immediately</li> </ul>	Alert context stock image
Attack Warning	Attack Warning	Attack Warning	Title overlaying a background of an attack context.
Information on Attack Warning	<ul style="list-style-type: none"> <li>• This alert is a 3-5 minute wailing or non-continuous signal</li> <li>• This alert is to notify the public of severe emergencies (i.e., Missile/Air-time Attack)</li> <li>• Take protective action immediately</li> </ul>	<ul style="list-style-type: none"> <li>• 3-5 minute wailing signal</li> <li>• Alerts residents of severe emergency (i.e., Missile/Air-time Attack)</li> <li>• Take protective action immediately</li> </ul>	Attack context stock image
All Clear Alert	All Clear Alert	All Clear Alert	Title overlaying a background of safety

Information on All Clear Alert	<ul style="list-style-type: none"> <li>• The sirens do not provide an all clear signal.</li> <li>• Residents should check local radio, tv, and social media channels for further action.</li> </ul>	<ul style="list-style-type: none"> <li>• The sirens do not provide an all clear signal.</li> <li>• Residents should check local radio, tv, and social media channels for further action.</li> </ul>	Safety context stock image
Monthly Testing	Monthly Testing	Monthly Testing	
Information on Testing	<ul style="list-style-type: none"> <li>• All counties in Indiana are required to test the warning sirens once a month.</li> <li>• Time and day of the test varies by county.</li> <li>• Hoosier County tests their warning sirens the first Saturday of the month at 11:00 a.m. local time.</li> </ul>	<ul style="list-style-type: none"> <li>• All counties in Indiana are required to test the warning sirens once a month.</li> <li>• Time and day of the test varies by county.</li> <li>• Hoosier County tests their warning sirens the first Saturday of the month at 11:00 a.m. local time.</li> </ul>	
		Designed By Alex B. Criswell - alexbcriswell.com	

# Case Study

## Background – Context

Hoosier County, Indiana (fictitious) is an established county in Northwest Indiana, approximately 87 miles from Chicago, Illinois. While Indiana is not part of Tornado Alley, the region still experiences enough inclement weather for the use of outdoor warning sirens on a frequent basis.

## Challenge

A recent county study yielded that many residents were not well-prepared when needing to respond to outdoor warning siren alerts ('siren alerts'). Many residents were not able to distinguish an outdoor warning siren accurately, or were even aware there are separate tones.

## Solution

Hoosier County President, Ashley Renee, contacted Alex Criswell for design and education assistance. The county desired a simple resource citizens could quickly refer to in the event of need, as well as be able to learn from. An infographic was suggested as it would provide information in a simple and easy manner, which is also printable.

## Results – Reflection

After the infographic was deployed to local citizens, positive feedback was received about the design and content within it. Citizens reported how easy it was to differentiate the types of siren sounds now that awareness was provided.



# Time Log

- Research
  - 0.5 h
- Objectives - Blueprint
  - 0.5h
- Script
  - 0.5h
- Case Study
  - 0.5h
- Media
  - 2h