

# Communicating Accurately & Concisely: Table of Contents & Instructions

This module will provide an overview of how to communicate science accurately and concisely within an agricultural context. Two formats are available: online SCORM (M2\_OnlineModule.zip) and face-to-face instruction (M2\_F2FCurriculum.zip). These are best used as a lesson in your course but can also be used as a supplemental activity or lecture. You may use as much or as little of the content as desired.

Further, this module is designed to be communications-intensive and requires the submission of multiple written assignments. We suggest that instructors use a peer-reviewing program, such as Peerceptiv (<https://peerceptiv.com/>), to promote deeper learning and engagement with course content as students submit reviews of peers' assignments. Other similar programs are available online, and your institution may provide a subscription. Check with your institution's help desk for more information.

The online module takes approximately 1.5-2 hours to complete. Before completing the online module, we **highly** suggest that students watch a brief orientation video at <https://vimeo.com/478706875/>.

*Learning Outcomes:* By the end of this module, students should be able to:

- Interpret scientific, evidence-based arguments for a general, non-scientific audience.
- Communicate accurate and concise information for publication in popular press mediums.

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## Module Contents

*The following items are included in this Teaching Materials section:*

1. Table of Contents & Instructions (.pdf)
2. SCORM file package (.zip)
3. F2F file package (.zip)
  - a. Introduction/Full Written Curriculum
  - b. PowerPoints and Videos folder
    - Lectures 1-3
    - Videos 1-2
  - c. Handouts folder
    - Lecture Slides
    - AgriLife Strategic Plan
    - Assessment of Water Conservation Report
    - How to Read a Scientific Paper
    - List of Journals
    - Logic of Scientific Arguments
    - Marshall, 2005 article
    - Paramedic Method
    - Sbah, 1999 article
    - Schuman, 1999 article
    - Tautges, 2016 article
    - References
    - Student Resource Packet
    - Reports to Use for Assignments (9)
  - d. Assignments/Activities folder
    - Pre Quiz
    - Module Quiz
    - Post Quiz
    - Persona Development Exercise
    - Executive Summary Assignment
    - Schuman Critical Reading Exercise
    - Article Critique
    - Infographic Analysis
    - Fact Sheets Assignment (Optional)
    - Infographics Assignment (Optional)

### **Instructions for Face-to-Face Curriculum Use**

1. Download and unzip the file package named “M2\_F2FCurriculum”.
2. Open the PDF document titled “Introduction (Read First)”. This full written curriculum includes a checklist of all components (handouts, activities, lectures, and videos) and contains cues indicating where each component should be used in the curriculum.
3. Follow instructions to select the content you would like to teach. You may use as little or as much of the curriculum as desired.
4. Answer Keys and Grading Rubrics are provided in the OAKTrust Faculty Teaching Materials Instructor-Only area.

## Instructions for Online Module Use

*If you have questions about uploading this module,  
please contact your learning management system helpdesk for support.*

1. Before uploading this module to your course(s), you must choose which activities your learners will complete and submit. Be sure to share this information with your learners: the module will instruct learners to “follow your course instructor’s guidelines for submitting this assignment”. Learners may have the option to choose from the three disciplines provided or can be instructed to use only one option (i.e., “Complete the Plant Science scenarios only.”).
2. Answer Keys and Grading Rubrics for activities are provided in the OAKTrust Faculty Teaching Materials Instructor-Only area.
3. Download and do not unzip the file package named “M2\_OnlineModule”. Follow the guidance of your IT helpdesk or learning management system support team to upload the file package.
4. The following description may be used in your course to provide context and notes to students. *Accurate and concise information is important in the decision-making process. Without accurate and concise information, scientists cannot conduct research and make recommendations based on the findings. Even though a majority of the global population do not have the knowledge to understand the complexities of science, they still seek scientific information they can understand and use. This module provides an overview of how to communicate science accurately and concisely. You should be sure to answer questions within the module to the best of your ability, as they will determine your grade for the module. Complete the following assignments [edit list as desired]: Pre Quiz, Post Quiz, Persona Exercise, Article Critique, Infographic Analysis, Schuman Exercise, and Executive Summaries Assignment.*