

# Northern Oklahoma College Agriculture Interscholastic Contest

January 28, 2026

Tonkawa, OK

Contest Areas	Contest Descriptions
<p><b>Ag Mechanics</b></p> <ul style="list-style-type: none"><li>• May enter only <b>ONE</b> Junior and <b>ONE</b> Senior team per chapter.</li><li>• May NOT enter any individuals.</li><li>• Teams may have 3 or 4 members. Top 3 scores will be used in tabulation.</li></ul> <p><b>Practicum –</b> Metal art using 12 old horse shoes: Teams are encouraged create a design before the day of the contest. Only the <b>top 10</b> Senior and <b>top 5</b> Junior teams on the exam score will be doing the practicum. Teams should bring a brush/grinder. Teams may bring the rod of their choice. 6010 or 6011 rod will be available. Contestants will have 30 minutes to complete the metal art project.</p>	<ul style="list-style-type: none"><li>• Contestants must bring gloves, safety glasses, pliers, helmets, speed square, and soap stone and other items</li><li>• Junior teams will include grades 8-10.<ul style="list-style-type: none"><li>• Will complete the Written Test.</li><li>• The <b>Top 5</b> scoring teams from the written test will advance to perform a cutting and welding exercise <b>creating metal art.</b> (Arc).</li></ul></li><li>• Senior teams will include grades 11-12.<ul style="list-style-type: none"><li>• Will complete the Written Test and a Tool ID Test.</li><li>• The <b>Top 10</b> scoring teams from the written and tool ID test will advance to perform a cutting and welding exercise <b>creating metal art.</b> (Arc).</li></ul></li><li>• Written Exam and Tool ID will be multiple choice questions using scantron.</li><li>• Study resources include:<ul style="list-style-type: none"><li>• CIMC Comprehensive Ag Mechanics General Safety - Ch. 1</li><li>• Shielded Metal Arc Welding – Ch. 3</li><li>• Gas Tungsten Arc Welding – Ch. 5</li><li>• Oxyacetylene Cutting – Ch. 7</li><li>• Plasma Cutting – Ch. 8</li></ul></li></ul>
<p><b>Meat Science</b></p> <ul style="list-style-type: none"><li>• May enter up to 2 teams per chapter.</li><li>• May enter up to 2 individuals per chapter.</li><li>• Teams may have 3 or 4 members. Top 3 scores will be used in tabulation.</li></ul>	<p>Contest Superintendent: <b>Dale Goodwin</b> (Tonkawa FFA)</p> <ul style="list-style-type: none"><li>• Test will consist of:<ul style="list-style-type: none"><li>• 30 Retail Cut ID (beef, pork or lamb cuts possible)</li><li>• 3 Retail Cut Placing Classes.</li></ul></li></ul> <p>Contest Superintendent <b>Bart Cardwell</b> (NOC)</p>

<p><b>Veterinary Science</b></p> <ul style="list-style-type: none"> <li>• May enter up to 2 teams per chapter.</li> <li>• May enter up to 2 individuals per chapter.</li> <li>• Teams may have 3 or 4 members. Top 3 scores will be used in tabulation.</li> <li>• <b>Contestants need to bring a calculator!</b></li> </ul>	<ul style="list-style-type: none"> <li>• Will complete a written, multiple choice test.</li> <li>• There will be NO practicum.</li> <li>• Topics will include: <ul style="list-style-type: none"> <li>• Animal Breed Identification</li> <li>• General Animal Husbandry</li> <li>• Animal Anatomy &amp; Physiology</li> <li>• Animal Diseases &amp; Parasites</li> <li>• Animal Behavior</li> <li>• Medical Terminology &amp; Records</li> <li>• Regulations &amp; Patient Management</li> <li>• Genetics</li> <li>• Nutrition</li> <li>• Identification of: <ul style="list-style-type: none"> <li>• Instruments/Equipment</li> <li>• Parasites</li> <li>• Animal Anatomy</li> </ul> </li> </ul> </li> </ul>
<b>Contest Superintendent Dr. Kurt Campbell</b>	
<p><b>Food Science &amp; Technology</b></p> <ul style="list-style-type: none"> <li>• May enter up to 2 teams per chapter.</li> <li>• <b>4 Member Teams Only</b></li> <li>• May enter up to 2 individuals per chapter.</li> </ul>	<ul style="list-style-type: none"> <li>• Multi part exam including: <ul style="list-style-type: none"> <li>• Written, multiple choice test.</li> <li>• Questions taken from CIMC CDE question bank.</li> </ul> </li> <li>• Practicum <ul style="list-style-type: none"> <li>• Problem Solving/Math Practicum</li> </ul> </li> <li>• Sensory Evaluation: <ul style="list-style-type: none"> <li>• Aromas</li> <li>• Triangle Tests <b>(removed difference)</b></li> </ul> </li> </ul>
<b>Contest Superintendent Julie Milligan (Milligan Ventures)</b>	
<p><b>Milk Quality &amp; Products</b></p> <ul style="list-style-type: none"> <li>• May enter up to 2 teams per chapter.</li> <li>• May enter up to 2 individuals per chapter.</li> <li>• Teams may have 3 or 4 members. Top 3 scores will be used in tabulation.</li> </ul>	<ul style="list-style-type: none"> <li>• Two part exam including: <ul style="list-style-type: none"> <li>• Written, multiple choice test.</li> <li>• Questions taken from Texas MQP CDE question bank.</li> </ul> </li> <li>• Product ID: <ul style="list-style-type: none"> <li>• Cheese ID</li> <li>• Milk Fat Content</li> <li>• Milk Defects</li> </ul> </li> </ul> <p><b>Contest Superintendents Trevor Stelzig (Calumet FFA) and Charlie Odonnell (Okarche FFA)</b></p>
<p><b>Agronomy</b></p> <ul style="list-style-type: none"> <li>• May enter up to 2 teams per chapter.</li> <li>• May enter up to 2 individuals per chapter.</li> <li>• Teams may have 3 or 4 members. Top 3 scores will be used in tabulation.</li> </ul>	<ul style="list-style-type: none"> <li>• Exam is ID ONLY.</li> <li>• Study resources include: <ul style="list-style-type: none"> <li>• Resource information from OSU Plant and Soil Science Department website.</li> </ul> </li> </ul> <p><b>Contest Superintendent ???</b></p>

<b>Ag Communications</b> <ul style="list-style-type: none"> <li>• May enter up to 2 teams per chapter.</li> <li>• May enter up to 2 individuals per chapter.</li> <li>• Teams may have 3 or 4 members. Top 3 scores will be used in tabulation.</li> </ul>	<p>Each contestant shall have 45 minutes to complete the contest materials, which include the following:</p> <ul style="list-style-type: none"> <li>• AP Style Exam</li> <li>• Communications Component 1: Photography</li> <li>• Communications Component 2: Graphics Class of Business Cards</li> </ul> <p>Students specifically should review the <b>2024-2026 AP Style Manual</b> items listed on the <b>2025 AP Stylebook Study Sheet</b>.</p> <p>Contest Superintendents <b>Shelly Legg</b> (Cherokee Cowgirl Creative) and <b>Jennifer Bedwell</b> (NOC)</p>
<b>Farm Business Management</b> <ul style="list-style-type: none"> <li>• May enter up to 2 teams per chapter.</li> <li>• May enter up to 2 individuals per chapter.</li> <li>• Teams may have 3 or 4 members. Top 3 scores will be used in tabulation.</li> </ul>	<ul style="list-style-type: none"> <li>• Will complete a written, multiple choice test.</li> <li>• Test will include <b>Problem Solving</b> questions</li> <li>• Study resources include: <ul style="list-style-type: none"> <li>• OSU Fact Sheet AGEC-790 Evaluating Financial Performance and Position</li> </ul> </li> </ul> <p>Contest Superintendent <b>Bart Allen</b> (NOC)</p>
<b>Horticulture: Nursery/Landscape</b> <ul style="list-style-type: none"> <li>• May enter up to 2 teams per chapter.</li> <li>• May enter up to 2 individuals per chapter.</li> <li>• Teams may have 3 or 4 members. Top 3 scores will be used in tabulation.</li> </ul>	<ul style="list-style-type: none"> <li>• Exam is ID ONLY from PowerPoint.</li> <li>• Study resources include: <ul style="list-style-type: none"> <li>• Resource information from Ag Ed website- CDE-OSU Interscholastics- Events-Floriculture and Nursery/Landscape ID</li> </ul> </li> </ul> <p>Contest Superintendent <b>Scott Harmon</b> (NOC)</p>
<b>Entomology</b> <ul style="list-style-type: none"> <li>• May enter up to 2 teams per chapter.</li> <li>• May enter up to 2 individuals per chapter.</li> <li>• Teams may have 3 or 4 members. Top 3 scores will be used in tabulation.</li> </ul>	<ul style="list-style-type: none"> <li>• Exam is ID from PowerPoint.</li> <li>• Contestant will be provided a list and will identify: <ul style="list-style-type: none"> <li>• Insect ID</li> <li>• Common Order</li> <li>• Food source</li> </ul> </li> </ul> <p>Contest Superintendent <b>Gene Young</b> (NOC)</p>

\*\*All Contest Areas open to 4-H and FFA members\*\*  
\*\*Consult FFA CDE Contest Guidelines for more information\*\*

For more Information Contact:  
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