INSTRUCTIONAL STRATEGIES DOMAIN

Instructional Strategies that are most effective provide an active and engaging experience for learners. Instructors who use a variety of evidence-based teaching strategies create an environment for increased student engagement and critical thinking.

Active Learning

- Use a variety of teaching methods and modalities (verbal, interactive, Socratic, etc.) that align with learning objectives.
- Use Think Pair Share to engage students, break up lecture, or check for student understanding.
- Incorporate Classroom Assessment Techniques for individual processing, partner processing, or small group activities in a variety of teaching modalities.
- Engage students in Community Engaged Learning that meets academic and community needs.
- Support deep understanding of concepts with peer-to-peer instruction.
- Use discussion protocols for an equitable discussion experience.
- Grab students' attention during the first five minutes of class; finish strong in the last five minutes.
- Support content retention and critical thinking with Writing Across the Curriculum activities.
- Promote deep learning and problem solving with case studies.
- Host online discussions in the Canvas LMS.

Learning Technology

- Use accessible slide presentations, documents, videos, and other course materials.
- Provide students with the ATRC Quick Start Guides to share the free assistive technology tools available at CSU.
- Intentionally choose learning technologies that enhance student engagement. Popular apps include: Padlet, Kahoot, Jamboard, Flippity, Quizlet, Edpuzzle, Flipgrid, iClickers.
- Ensure your Canvas classroom materials are accessible:
  - Run the UDOIT for Canvas tool to check your course for accessibility compliance
  - Share ReadSpeaker for Canvas tool with students
- Use Canvas, Echo360, or Microsoft Teams to record videos; limit instructional videos to less than 15 minutes.
- Work with Classroom Support Services to learn how to use classroom technology as well as report classroom technology problems.

Science of Learning

- Intentionally embed Science of Learning practices into your instruction.
- Align questions with the level of thinking you want from students.
- Guide students in the three phases of learning (surface, deep, and transfer) to retain, understand, and then apply knowledge to a new context.
- Design classes so that students engage in Predicting, Interleaving, Connecting, Practicing.
- Avoid cognitive overload for students and allow time for metacognition.
- Incorporate elaboration, spacing, and frequent quizzing/testing.

This icon indicates inclusive teaching practices that are fundamental to being an inclusive instructor. See TILT’s Recommended Process for Annual Review of Teaching to learn more about how to utilize this resource.
Use this rubric to reflect on your current instructional practices, set a teaching goal, and monitor growth. TILT recommends revisiting this throughout the year to continue to reflect and adjust as you work towards your goal. TILT does not recommend using this as an observation tool or for direct evaluation. See TILT’s Recommended Process for Annual Review of Teaching to learn more about how to utilize this resource.

### INSTRUCTIONAL STRATEGIES DOMAIN
Instructional Strategies that are most effective provide an active and engaging experience for learners. Instructors who use a variety of evidence-based teaching strategies create an environment for increased student engagement and critical thinking.

<table>
<thead>
<tr>
<th>Evidence</th>
<th>Advanced</th>
<th>Proficient</th>
<th>Developing</th>
<th>Emerging</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Active Learning</strong></td>
<td>The instructor uses a variety of instructional strategies during all class sessions to increase student engagement, critical thinking, understanding, and connections to learning objectives.</td>
<td>The instructor uses a variety of instructional strategies during many class sessions to increase student engagement, critical thinking, understanding, and connections to learning objectives.</td>
<td>The instructor uses a few instructional strategies during some class sessions to increase student engagement, critical thinking, understanding, and connections to learning objectives.</td>
<td>The instructor uses one or two instructional strategies during some class sessions to increase student engagement, critical thinking, understanding, and connections to learning objectives.</td>
</tr>
<tr>
<td>• Variety of instructional strategies</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Frequency of opportunities for participation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Learning Technology</strong></td>
<td>All technology and visual presentations are used intentionally, align with course outcomes, and adhere to assistive technology resource guidelines. Instructor provides rationale and support for all technology use during class.</td>
<td>Most technology and visual presentations are used intentionally, align with course outcomes, and adhere to assistive technology resource guidelines. Instructor provides support for most technology use during class.</td>
<td>Some technology and visual presentations are used intentionally, align with course outcomes, and adhere to assistive technology resource guidelines. Instructor provides support for technology use during class.</td>
<td>Technology and visual presentations are used but do not yet align with course outcomes or adhere to assistive technology resource guidelines. Instructor may provide support for technology use during office hours.</td>
</tr>
<tr>
<td>• Presentation slides</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Canvas content</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Learning apps</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Adherence to assistive technology resource guidelines</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Science of Learning</strong></td>
<td>The instructor designs the entire course with the science of learning in mind with an emphasis on practice, metacognition, and learning for transfer. During class, students practice the level of thinking needed to complete tasks, assignments, or assessments.</td>
<td>The instructor makes many curricular and instructional decisions with the science of learning in mind. Students are aware of the level of thinking needed to complete tasks, assignments, or assessments.</td>
<td>The instructor makes a few instructional and curricular decisions that align with the science of learning.</td>
<td>Course design and instructional practices do not yet align with the science of learning.</td>
</tr>
<tr>
<td>• Course structure</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Structure of assignments and class activities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Instructional Strategies

References

Active Learning: A Practical Guide for College Faculty, Magna Publications 2017

Continued on next page
Instructional Strategies

References (continued)


https://www.qualitymatters.org/qa-resources/resource-center/articles-resources/research-video-length