Effective instructors use evidence-based practices to make the connection between their students, the content area, and instructional strategies.

**Knowledge of Content and Instructional Strategies**

- Determine breadth and depth of content necessary for course level: **align with pre-, co-, and subsequent courses**
- Present information in a **sequence that makes sense** to a (new, intermediate, advanced) learner
- **Scaffold** lessons and activities to support students in reaching the level of critical thinking needed to master course objectives
- **Keep current on issues** of racism/sexism, racial tensions, and contemporary cultural issues in the United States, especially in relation to your discipline
- Use a variety of **instructional strategies** to engage a **variety of learners**
- Determine which **instructional strategies** work best for your teaching style and your students
- **Teach students about Bloom’s Taxonomy** and how it relates to higher level thinking required for course concepts
- Provide **explicit reading strategies for your discipline**

**Knowledge of Students**

- Proactively address **common student misconceptions**
- **Assess prior knowledge of learners**: use it to plan/revise class sessions

**Information Literacy**

Collaborate with librarian to:

- Introduce students to **discipline-specific databases** to find relevant information for your assignments
- Support students in **evaluating information sources** for credibility and accuracy using the standards of your discipline
- Teach students how to consume information sources (e.g., **research papers**, blogs, audio visual, data sets, news articles, primary sources) in your discipline
- Demonstrate how to **use information ethically**—in accordance with the **CSU Academic Integrity and Honesty** guidelines.
- Teach students to **create products** (e.g., research papers, blogs, audio visual, data sets, news articles, primary sources) that align with your discipline
LEVELED CRITERIA & SELF ASSESSMENT RUBRIC

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.

## PEDAGOGICAL CONTENT KNOWLEDGE DOMAIN

Pedagogical Content Knowledge is the intersection of content and pedagogical expertise. When instructors know their students’ prior knowledge and preconceptions, they intentionally choose instructional strategies that work best in their discipline for their current students.

<table>
<thead>
<tr>
<th>Evidence</th>
<th>Advanced</th>
<th>Proficient</th>
<th>Developing</th>
<th>Emerging</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Knowledge of Content and Instructional Strategies</strong></td>
<td>Instructor consistently uses evidence informed instructional strategies for that specific discipline. Instruction and assessments are effectively sequenced, appropriate for the level of students in the course, and consider abilities of current students. Instruction is dynamic and adapted in the moment when necessary.</td>
<td>Instructor uses several instructional strategies known to work for their discipline. Most instruction and assessments are effectively sequenced, appropriate for the level of learners in the course, and consider abilities of current students. Instruction is sometimes adapted in the moment when necessary.</td>
<td>Instructor uses some instructional strategies known to work for their discipline. Some instruction and assessments are effectively sequenced, appropriate for the level of learners in the course, and consider abilities of current students. Instruction is mostly static, one or two adjustments made when necessary.</td>
<td>Instructor uses some instructional strategies that may or may not work for their discipline. Instructor is unaware or unsure of whether concepts are effectively sequenced or appropriate for the level of learners in the course or consider abilities of current students. Instruction is static, no adjustments made for student needs.</td>
</tr>
<tr>
<td><strong>Knowledge of Students</strong></td>
<td>The instructor intentionally addresses misconceptions, alternative conceptions, or preconceptions. They make essential connections between course content, other courses in the curriculum, and to contemporary issues in the field.</td>
<td>The instructor addresses several misconceptions, alternative conceptions, or preconceptions. They make many relevant connections between course content, other courses in the curriculum, and to contemporary issues in the field.</td>
<td>The instructor addresses some misconceptions, alternative conceptions, or preconceptions. They occasionally make connections between course content, between courses in the curriculum, and to contemporary issues in the field.</td>
<td>The instructor addresses an occasional misconception. They do little to make clear connections between course content, other courses, and contemporary issues in the field.</td>
</tr>
<tr>
<td><strong>Information Literacy</strong></td>
<td>The instructor works with the discipline-specific librarian to develop students’ information literacy skills in relevant course assignments. Students are provided ongoing feedback (commensurate with experience level) in using discipline-specific databases and the ethical evaluation and consumption of data sources—according to academic integrity and honesty guidelines.</td>
<td>The instructor works with the discipline-specific librarian to develop students’ information literacy skills in relevant course assignments. Students are provided some feedback (commensurate with experience level) in using discipline-specific databases and the ethical evaluation and consumption of data sources—in accordance with academic integrity and honesty guidelines.</td>
<td>The instructor refers students to library resources for research assignments. Students are encouraged to use discipline-specific databases and ethical evaluation and consumption of data sources—in accordance with academic integrity and honesty guidelines.</td>
<td>The instructor briefly addresses evaluating information sources for accuracy and credibility and the ethical evaluation and consumption of data sources—in accordance with academic integrity and honesty guidelines.</td>
</tr>
<tr>
<td><strong>Learning Assistant (LA) and Graduate Teaching Assistant (GTA) Implementation</strong></td>
<td>The instructor acts as instructional guide for colleagues, GTA’s, and/or LA’s. Weekly meetings are held to prepare LA’s and GTA’s for upcoming classes to ensure they are ready to support students during class time.</td>
<td>The instructor acts as instructional guide for GTA’s and/or LA’s. Weekly meetings are held to prepare LA’s and GTA’s for upcoming classes to ensure they are ready to support students during class time.</td>
<td>One or two meetings are held during the semester to prepare LA’s and GTA’s. The instructor encourages LA’s and GTA’s to assist students when asked.</td>
<td>The main role of LA’s and GTA’s is to grade student work. Little to no interaction with students is encouraged.</td>
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See TILT’s Recommended Process for Annual Review of Teaching for more information.
References


Oleson, A. & Hora, M. T. (October 23, 2013). Teaching the way they were taught? Revisiting the sources of teaching knowledge and the role of prior experience in shaping faculty teaching practices. Higher Education. DOI 10.1007/s10734-013-9678-9
