

NATIONAL EFFECTIVE TEACHING INSTITUTE (NETI-1)

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NETI-1 has several goals. Most obviously, it is intended to give the participants information and some hands-on practice in elements of effective teaching. It is also intended to provide new faculty with tips on getting their careers off to a good start and experienced faculty with instructional materials and methods that they can use in faculty development and new faculty mentoring programs on their own campuses. Participants will be given opportunities throughout the workshop to plan applications of those techniques in a course they teach.

Day 1: 8:30 am–4:30 pm

- Workshop preview and introductions.
- How students learn, how teachers teach, and what often goes wrong (learning and teaching styles).
- Writing learning objectives and using them to guide course planning, instructional design, and assessment of learning.
- Writing a syllabus and specifying course policies.
- Assessment of learning: Designing quantitative tests that are rigorous but fair. Assessing written and oral project reports efficiently, effectively, and fairly. Course grading.
- Crisis clinic.

Day 2: 8:30 am–4:30 pm

- Making the first week of a course effective: setting policies and mutual expectations and motivating students' interest in learning the course content.
- Lecturing effectively.
- Getting students actively engaged in class, even if there are 200 of them in the room (active learning).
- Using inductive teaching methods (inquiry-based, problem-based learning, and project-based learning) to promote conceptual understanding.
- Breakout sessions
 - Getting your faculty career off to a good start
 - Promoting effective teaching on your home campus
- Crisis clinic.

Day 3: 8:30 am–3:00 pm

- Topic selected by the NETI Fellow
- Crisis clinic
- Final course planning exercise
- Wrapup