**Technology for Teaching and Learning (St. Paul)**

**Summer 2019  \*  CI 5307 - R260 Lab**

**Instructor Lab Assistant and Hours**

**Rob Olson Rukmini Avadhanam**

R 260 Learning & Environmental Sciences Building

Learning & Environmental Science (LES) Bldg Office/Lab Hours: [Calendar Link](https://calendar.google.com/calendar/embed?src=umn.edu_p7aaacglrvd31jubu7gccoov4o%40group.calendar.google.com&ctz=America%2FChicago)

Office hours by appointment via: Skype, Google Chat, and F2F E-mail: [olso7321@umn.edu](mailto:olso7321@umn.edu) Email: [avadh005@umn.edu](mailto:avadh005@umn.edu)

**College of Education & Human Development Mission and Vision**

The new College of Education and Human Development is a world leader in discovering, creating, sharing, and

applying principles and practices of multiculturalism and multidisciplinary scholarship to advance teaching and

learning and to enhance the psychological, physical, and social development of children, youth, and adults

across the lifespan in families, organizations, and communities.

**Conceptual Framework for P-12 Professional Education Programs**

The central themes of the conceptual framework are:

* promoting inquiry, research, and reflection;
* honoring the diversity of our communities and learners; and
* fostering a commitment to lifelong learning and professional development.

CI 5307 promotes inquiry through investigating the effective uses of technology in education; fosters reflection with every performance assessment as the students discuss their learning processes and the impact of technology integration in their future classrooms; celebrates the diversity of the class, society, and our future classrooms; and encourages lifelong learning and professional development.

**Minnesota Standards of Effective Practice for Teachers**

This course address the following Minnesota Standards of Effective Practice for Teachers centered on

technology integration in at least one course reading, activity, and/or assignment.

**Standard 2, Student Learning, 3H:**  A teacher must understand how students learn and develop and must provide learning opportunities that support a student’s intellectual, social, and personal development. The teacher must demonstrate knowledge and understanding of concepts related to technology and student learning.

**Standard 3, Diverse Learners, 4D**: A teacher must understand how students differ in their approaches to learning and create instructional opportunities that are adapted to students with diverse backgrounds and exceptionalities.  The teacher must understand how to recognize and deal with dehumanizing biases, prejudices, and institutional and personal racism and sexism.

**Standard 3, Diverse Learners, 4R:**  A teacher must understand how students differ in their approaches to learning and create instructional opportunities that are adapted to students with diverse backgrounds and exceptionalities. The teacher must identify and apply technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.

**Standard 4, Instructional Strategies, 5K:**  A teacher must understand and use a variety of instructional strategies to encourage student development of critical thinking, problem solving, and performance skills. The teacher must use