



Student Learning Objectives for F4R Curriculum

1. Identify the major physical, environmental, and social components of a community's FEW system
2. Conceptually understand and quantitatively assess the concepts of sustainability, vulnerability, efficiency, security, and resilience of a community's FEW system
3. Utilize major US data resources relevant to a community's FEW system
4. Apply social network mapping to identify a community's social FEW system stakeholders
5. Assess major natural and human hazards facing a community's FEW system
6. Familiarity with major FEW systems research papers and thought leaders
7. Apply research field methods necessary to collect and map a community's last-mile and mesoscale FEW system, both physical and social
8. Identify the most important problems or questions facing a community's FEW system
9. Define the boundaries and scope for a local community's FEW system
10. Utilize key tools and sources for data collection, visualization, and analysis of a community's FEW system

Content Knowledge Rubric

Score	1	2	3	4
Name	Student can provide a brief summary of basic content	Student can provide a summary and a few details or examples of content	Student can provide a comprehensive summary, details, and apply content to a new context	Student can summarize, provide details, apply content, and evaluate the quality and intellectual merit of example applications



Rubric for Student Learning Objectives for F4R Curriculum

(NI) Needs Improvement relative to the expectations of work by a student at this level

(M) Meets the expectations of work by a student at this level

(E) Exceed the expectations of work by a student at this level

Student Level or Rank (UG, G, etc.): _____

Assignment Name or Number: _____

Rubric #	NI	M	E
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			