Institutional Learning Outcomes from other Community Colleges
Examples for discussion

SET OF SIX ILOs
1. **Critical Thinking and Problem Solving:**
   Analyze and solve problems by using informed judgment based on evidence, sound reasoning, and/or creativity to differentiate facts from opinions and to specify solutions and their consequences.

2. **Communication:** Effectively communicate, both orally and in writing, thoughts in a clear, well-organized manner to persuade, inform and/or convey ideas in academic, work, family and community settings.

3. **Quantitative and Technological Competence:** Use mathematical skills appropriate to our technological society by analyzing and solving problems that are quantitative in nature and by utilizing technology for informational, academic, personal and professional needs.

4. **Diversity:** Understand and appreciate differences in cultures and behaviors between oneself and others by demonstrating respect, honesty, fairness, and ethical principles in both personal and professional life.

5. **Civic responsibility:** Apply the principles of civility and morality to situations in the contexts of a healthy family, work, community, environment and the world.

6. **Aesthetics:** Apply numerous means of inquiry to experience and appreciate the values of arts and nature.

SET OF TEN ILOs
1. Communicate effectively using listening, speaking, reading, and writing skills.

2. Use quantitative analytical skills to evaluate and process numerical data.

3. Solve problems using critical and creative thinking and scientific reasoning.

4. Formulate strategies to locate, evaluate, and apply information.

5. Demonstrate knowledge of diverse cultures, including global and historical perspectives.

6. Create strategies that can be used to fulfill personal, civic, and social responsibilities.

7. Demonstrate knowledge of ethical thinking and its application to issues in society.

8. Use computer and emerging technologies effectively.

9. Demonstrate an appreciation for aesthetics and creative activities.

10. Describe how natural systems function and recognize the impact of humans on the environment.
Set of Four ILO’s

1) Communication  Demonstrate analytical reading and writing skills including evaluation, synthesis, and research; deliver focused and coherent presentations; demonstrate active, discerning listening and speaking skills in lectures and discussions.

2) Computation  Complex problem-solving skills, technology skills, computer proficiency, decision analysis (synthesis and evaluation), apply mathematical concepts and reasoning, and ability to analyze and use numerical data.

3) Creative, Critical, and Analytical Thinking  Judgment and decision making, intellectual curiosity, problem solving through analysis, synthesis and evaluation, creativity, aesthetic awareness, research method, identifying and responding to a variety of learning styles and strategies.

4) Community/Global Consciousness and Responsibility  Social perceptiveness, including respect, empathy, cultural awareness, and sensitivity, citizenship, ethics, interpersonal skills and personal integrity, community service, self-esteem, interest in and pursuit of lifelong learning.

Second Set of Four ILOs

I. Communication.  Students will communicate effectively, which means the ability to read, write, listen, and speak/converse.

II. Critical Thinking and Information Competency.  Students will think critically, which is characterized by the ability to analyze, compute, research, and solve problems.

III. Global Awareness.  Students will demonstrate a measurable understanding of the world including its scientific processes, global systems and civics and artistic variety.

IV. Personal Responsibility and Professional Development.  Students will demonstrate self-awareness, social and physical wellness, and workplace skills.

SET OF FIVE ILOs

Communication and Expression.  Students will communicate clearly, express themselves creatively, interpret thoughtfully and logically, and engage actively in dialogue and discussion, while paying attention to audience, situation, and (inter) cultural context. Communication and expression may be written or oral, verbal or nonverbal, informational or artistic.

Information Literacy.  Students will recognize when information is needed and locate, critically evaluate, synthesize, and communicate information in various formats. They will use appropriate resources and technologies while understanding the social, legal, and ethical issues for information and its use.

Physical/Mental Wellness and Personal Responsibility.  Students will recognize lifestyles that promote physical and mental well-being, engage in self-reflection and ethical decision-making, explore career choices and life goals, practice effective individual and collaborative work habits, and demonstrate a commitment to ongoing learning.

Global, Cultural, Social & Environmental Awareness.  Students will recognize their role as local, national, and global citizens. They will participate in a democratic process, respect social and cultural diversity, appreciate the complexity of the physical world, and understand the significance of both environmental sustainability and social justice.

Critical Thinking.  Students will analyze arguments, create and test models, solve problems, evaluate ideas, estimate and predict outcomes based on underlying principles relative to a particular discipline, interpret literary, artistic, and scientific works, utilize symbols and symbolic systems, apply qualitative and quantitative analysis, verify the reasonableness of conclusions, explore alternatives, empathize with differing perspectives, and adapt ideas and methods to new situations.