SCC Core Competencies

Upon completion of any Solano College program, a student will demonstrate competency in the following areas:

I. Communication

Students will communicate effectively, which means the ability to:

A. **Read** – Students will be able to comprehend and interpret various types of written information in (1) expository prose and imaginative literature (including essays, short fiction and novels), (2) documentation such as manuals, reports, and graphs

B. **Write** – Students demonstrate the ability to:
- Communicate thoughts, ideas, information, and messages in writing
- Compose and create documents such as manuals and graphs as well as formal academic essays, observing rules of grammar, punctuation and spelling, and using the language, style, and format appropriate to academic and professional settings
- Check, edit, and revise written work for correct information, appropriate emphasis, form, style, and grammar

C. **Listen** – Students will be able to receive, attend to, interpret, and respond appropriately to (1) verbal and/or (2) nonverbal messages

D. **Speak and Converse** – Students have the ability to:
- Organize ideas and communicate verbal or non-verbal messages appropriate to the audience and the situation
- Participate in conversations, discussions, and group activities
- Speak clearly and ask appropriate questions

II. Critical Thinking and Information Competency

Thinking critically is characterized by the ability to perform:

A. **Analysis** – demonstrated by the ability to:
- Apply appropriate rules and principles to new situations
- Discover rules and apply them in the problem solving process
- Draw logical conclusions based on close observation and analysis of information
- Differentiate among facts, influences, opinions, assumptions, and conclusions

B. **Computation** – demonstrated by the ability to:
- Use basic numerical concepts
- Use tables, graphs, charts, and diagrams to explain concepts
- Use basic geometrical shapes

C. **Research** – demonstrated by the ability to:
- State a research question, problem, or issue
- Select discipline appropriate information tools to locate and retrieve relevant information
- Use discipline appropriate information tools to locate and retrieve relevant information efficiently
- Analyze and evaluate information for appropriateness, relevance, and accuracy

- Synthesize, evaluate, and communicate information using a variety of information technologies
- Recognize the ethical and legal issues surrounding information and information technologies
- Demonstrate understanding of academic integrity and honesty

D. **Problem Solving** –demonstrated by the ability to:
- Recognize whether a problem exists
- Identify components of the problem or issue
- Create a plan of action to respond to and/or resolve the issue appropriately
- Monitor, evaluate, and revise as necessary

III. Global Awareness

Students will demonstrate a measurable understanding and appreciation of the world including its

A. **Scientific Complexities** – Students demonstrate an understanding of:
- The scientific method and its application in experiments
- How experiments work
- The major differences between social, natural and physical sciences

B. **Social Diversity and Civics** – Students demonstrate ability to:
- Communicate with people from a variety of backgrounds
- Understand different cultural beliefs and behaviors
- Recognize important social and political issues in their own community

C. **Artistic Variety** – Students have been exposed to:
- The visual and performing arts of one or more cultures
- Analytical techniques for understanding the meaning in the arts and/or
- Hands-on experience with creative endeavors

IV. Personal Responsibility and Professional Development

A. **Self-Management and Self-Awareness** – The student is able to:
- Accurately assess his/her own knowledge, skills, and abilities
- Motivate self and set realistic short and long-term goals
- Accept that assessment is important to success
- Respond appropriately to challenging situations

B. **Social and Physical Wellness** – Students make an appropriate effort to:
- Manage personal health and well being
- Demonstrate appropriate social skills in group settings

C. **Workplace Skills** – Students understand how to:
- Be dependable, reliable, and accountable
- Meet deadlines and complete tasks