

## Key Statements for Students by Professor Sally Keely

### My Personal Mission

*"To empower transformation through education, science, passion, and action."*

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### My Philosophy of Education

I love mathematics! It is fun, exciting, aesthetically beautiful, and intriguingly vital. The root of mathematical study is to consider different perspectives (numerical, analytical, graphical), find patterns, and use logic and reasoning to better understand science and nature. Thinking mathematically helps one to examine, analyze, and solve life's problems in an organized, logical manner. Understanding mathematical concepts allows us to perceive, interpret, critique, and transform the world.

My online course structure is built on Universal Design for Learning principles that eliminate undue hurdles in the learning process (I am UDL certified and an early adopter). My role is to provide an organized curriculum with valuable resources and facilitate your learning through guided activities in a challenging, meaningful, encouraging atmosphere. Students and professor form a collaborative learning community where we all enthusiastically engage in the teaching and learning experience. I provide mini-lectures and examples utilizing symbolic, numerical, and graphical methods of problem solving. We will accomplish the course objectives together through interactive group discussions and active learning exercises that support conceptual understanding, and the use of current technologies to enhance our critical thinking. I expect students to work hard and ask questions to which I will respond promptly, clearly, and supportively. This is in line with my teaching motto, *"I am not here to teach at you, I am here to help you learn."*

I have been dedicated to mathematics education in the PNW for 42 years. I chose to teach at community college because I believe in the power of a diverse, equitable, inclusive, public liberal arts education. By supporting students from a variety of socio-economic backgrounds and experiences in meeting or exceeding their goals, I am rewarded. I'm vested in every student's achievement as together we embark on an ed-venture :)

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## **My DEIJA Commitment Statement**

In solidarity with black, indigenous, and people of colour (BIPOC), LGBTQIA2S+, individuals with disabilities, and marginalized student communities, I stand committed to fighting systemic racism and bias, and advancing DEIJA (diversity, equity, inclusion, justice, accessibility) in higher education. I believe immigrants (including undocumented) and people of colour provide our colleges and country culture, character, strength, and ingenuity.

I value each and every student as you are, care about your well-being and academic success, and truly welcome you in class :)

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