



Silicon Valley- home to many of the world's largest technology corporations as well as thousands of small startups all in the backyard of De Anza College.

## DE ANZA COLLEGE: PTC Creo® Delivers an Academic Advantage

Gary Lamit, Instructor and Department Head, De Anza College –  
Cupertino, California

Meeting the demands of the engineering industry and being able to teach more efficiently is a necessity for any educational institution. For De Anza College, utilizing PTC Creo and PTC University provides an academic advantage to meet the needs of industry.

Since 1984, the Computer-Aided Design program at De Anza College has evolved continuously to meet the changing needs of the local Silicon Valley engineering and design firms. Over 10,000 students and professionals have been trained both in class and through distance learning programs.

As an Instructor and Department Head of the Computer-Aided Design and Digital Imaging Center, Gary Lamit faced four main challenges:

- Teaching software that is most relevant to local mechanical design and engineering industry
- Utilizing software that is easy to learn with a shortened learning curve in order to get students up to speed
- Providing his curriculum electronically to meet the demands of distance learning students
- Assessing his students quickly and easily

Lamit currently teaches five different PTC Creo courses including beginners, intermediate, advanced, sheetmetal and surfacing. Before moving completely over to PTC Creo 2.0, Lamit was teaching both Pro/ENGINEER® Wildfire® 5.0 and PTC Creo 1.0 side-by-side using the same projects and curriculum for both CAD tools. By having his students go through the same modules in two different software programs, Lamit concluded, “the students that were utilizing PTC Creo versus Pro/ENGINEER were able to complete the 12 lessons 40-60% faster due to the new user interface making it so much quicker to navigate, the overall ease of use of PTC Creo and the command search alone has been huge.” Utilizing PTC Creo not only decreased his students’ learning curve and sped up their productivity but by utilizing PTC Creo View, Lamit is now able to grade their assignments easier and provide feedback quicker by not having to open their entire CAD model.

Lamit’s courses also cater to distance learning students, which make up the majority of the PTC Creo class enrollees. By implementing PTC University eLearning Libraries, Lamit, a PTC Creo textbook author, was able to provide curriculum and an online ‘textbook’ for his advanced courses, which currently didn’t have a proper textbook for his course. He also decided to provide the eLearning tool for his Sheetmetal and Surfacing class as well. One of the added benefits to implementing PTC University is in order to maintain the department’s minimum enrollment numbers, Lamit was able to combine courses and utilize one teacher.

“Our goal at De Anza College is to make sure the local needs for engineering skills in the Silicon Valley are met. We teach courses based on what the industry is using, which is why we teach PTC Creo and if I can teach my students quicker and easier while providing the skills that the commercial customers’ need, than even better.”



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Gary Lamit  
Instructor, Department Head, De Anza College

To learn more about PTC Creo and PTC University eLearning, please visit [PTC.com/go/academicprogram](https://www.ptc.com/go/academicprogram) or [contact us](#) to get started.

## PTC Academic Program



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