Dear [Manager],

I am convinced that significant parts of [company name]’s workflow using SolidWorks could be automated, thereby increasing our department’s efficiency. In particular, we could [describe automation process here]. This task normally takes [time length] for [list engineers involved in this task], but using a macro I believe it could be reduced to [time length].

Writing such a macro can only be accomplished using the SolidWorks Application Programming Interface (API). If you granted me the opportunity to learn the SolidWorks API, I believe we could be automating our process by [date]. Moreover, we would be prepared to automate more processes down the road.

The SolidWorks API is a very powerful tool and therefore requires proper training. I am, however, aware of an excellent resource for learning the API through CADSharp.com. As a member, I would receive immediate access to 15 hours of streaming video training, 250 code samples, homework sets, and API technical support via email.

I have already used some of the free video tutorials and I am very impressed with the quality. I believe that this self-paced training would allow me to learn the API as quickly as possible. I would encourage you to watch a 7-minute video demonstrating the course contents on the Videos page at CADSharp.com.

Thank you for your consideration.

Sincerely,

[Your name]