| Instructor: | Jaime Sanchez, Ph. D. |
| How to Reach: | Office: Eng. Building room E201J  
                Phone: 747-6394  
                E-mail: jsanchez21@utep.edu |
| Office Hours: | Tuesday and Thursday from 9:20 to 10:20 am and Wednesday from 5:00 to 5:50 pm or By Appointments |
| Class schedule | Lectures Wednesday from 18:00 to 20:50 pm. |
| Textbook: | Statistical Quality Control, 7th Edition or Older  
            by Douglas C. Montgomery  
            Publisher: Wiley  
            ISBN 978-1-1181-4681-1 |
| Software: | Minitab Release 18 from my.apps.utep.edu |
| Assignments: | Homework Problems will be assigned during class. They are due one week later after they have been assigned. Assignment will be graded. Assignments will not be accepted after the due date and Solution to the problems must be hand written. When computer outputs are needed the conclusions must be hand written. |
| Class Attendance: | Attendance will have impact on the class participation portion of your grade. Only in case of emergency, missing a class is acceptable. Work is not an excuse |
| Exams: | There will three exams during the semester and final, as well as pop quizzes. Exam dates will be announced in class. |
| Reading | Students will be responsible for doing the reading assignments. |
| Class Content: | Introduction to Statistical Process Control,  
                 Control Chart for Variables and Attributes,  
                 Process and Measurement System Capability Analysis,  
                 Other Statistical Process monitoring and Control Techniques: Univariate and Multivariate. DMAIC Process  
                 Chapters 2 and 5 through 11. |
| Grading scheme: | First Exam 25%  
                   Second Exam 25%  
                   Third Exam 30%  
                   Assignments 20%  
                   Total 100%  
                   Final Exam (optional) to improve the overall grade, May 9th |
| Accessibility | If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass. |
| Plagiarism: | Plagiarism or cheating will not be tolerated, anyone caught plagiarizing will receive a failing grade for the class. |
Links to videos about statistics from StatisticsLectures.com

https://www.youtube.com/watch?v=5N7L1cGCL-w&index=53&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=FHT6e_mdGoU&index=54&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=enQDKXI2PdA&index=55&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=hEx0ZShqRlc&index=56&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=oZ3OZtc9FpI&index=57&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=Oy6Co8-XkEc&index=58&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=mWE8PxPoYJY&index=59&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=BWJRrsY-G8u0&index=60&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=dH6igFVoCAw&index=61&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=VPd8DOL13Iw&index=62&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=jyoO4i8yUag&index=63&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=BRnToiWxLS0&index=64&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=wGlbyNBxEM8&index=65&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=zD3VIBkwc-0&index=66&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=S8DL5i2y2TU&index=67&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=qV-WoquC4dA&index=71&list=PL568547ACA9211CCA
https://www.youtube.com/watch?v=51QZa7b0Ozk&index=72&list=PL568547ACA9211CCA