

## Black Belt Homework Schedule (2019)

Welcome to Lean Six Sigma black belt training. As a certified black belt, the professional community expects that you are self-motivated and can complete research. Given this reality you will have homework assignments due each day of class. There is NOT a written paper to submit, you only to demonstrate research and the ability to help the other students understand your assigned topic.

Please see your student number below and use that to find your assignment topics in the following pages.

### Student # and name

#1

#2

#3

#4

#5

#6

#7

#8

#9

#10

#11

#12

#13

#14

#15

#16

#17

#18

#19

#20

#21

#22

#23

#24

## Black Belt Homework Schedule (2019)

### Due Monday - 1 assignment

1) Research “Kotter’s 8 stages of change” and lead a 2-3 min discussion on your assigned stage. For additional learning read: “Leading change” by Kotter

<b>Student #</b>	<b>Stage</b>
1, 9, 17	#1 Create a sense of urgency
2, 10, 18	#2 Form a powerful coalition
3, 11, 19	#3 Create vision for change
4, 12, 20	#4 Communicate the vision
5, 13, 21	#5 Empower others to act on the vision
6, 14, 22	#6 Create short term wins
7, 15, 23	#7 Consolidating gains and producing more change
8, 16, 24	#8 Anchoring new approaches in the culture

### Due Tuesday - 2 assignments

1) Research the **14 principles of the Total Quality Management** and lead 2-3 min discussion on assigned principle. For additional learning read “Out of the Crisis” by Dr. Deming

<b>Student #</b>	<b>TQM Principle</b>
1, 15	Principle #1
2, 16	Principle #2
3, 17	Principle #3
4, 18	Principle #4
5, 19	Principle #5
6, 20	Principle #6
7, 21	Principle #7
8, 22	Principle #8
9, 23	Principle #9
10, 24	Principle #10
11	Principle #11
12	Principle #12
13	Principle #13
14	Principle #14

## Black Belt Homework Schedule (2019)

2) Research a current or previous **mission and vision statement** from any source (ideally it would be your current company or employer) and lead discussion. Prepare to discuss how the statements are either meeting or not meeting the purpose of such statements.

Due Wednesday – 1 assignment

1) Research and lead discussion of corporate “Benchmarking” example. Part of the discussion must include name of company, methods used for benchmarking and results. Xerox was the first to incorporate benchmarking into strategy, please **do not use Xerox** for your discussion...dig a little deeper or use personal experiences.

Due Thursday – 1 assignment

1) Research past quality leader and “introduce” him/her to the class. Slides are not required, you will be expected to know about the person’s contributions to quality and lead the discussion / answer questions.

Student #	Lean Six Sigma Leader
1, 11, 21	Dr. Joseph Juran
2, 12, 22	Jim Womack
3, 13, 23	Dr. Kaoru Ishikawa
4, 14, 24	Phillip Crosby
5, 15	Eli Goldratt
6, 16	Taichi Ohno
7, 17	Dr. Walter Shewhart
8, 18	Malcolm Baldrige
9, 19	Dr. Michael Hammer
10, 20	Shigeo Shingo

Due Friday – 1 assignment

1) Finish reading “The Goal” by Eli Goldratt and be prepared for in class discussion