Solution

# IASSC Black Belt Body of Knowledge

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Define Phase | Measure Phase | Analyze  Phase | Improve  Phase | Control Phase | Not part of BOK | Topic or Tool | |
| X |  |  |  |  |  | 1. | History of Six Sigma |
| X |  |  |  |  |  | 2. | History of Lean |
|  |  |  |  |  | X | 3. | History of IASSC |
|  | X |  |  |  |  | 4. | SIPOC |
|  | X |  |  |  |  | 5. | Capability Analysis |
|  |  | X |  |  |  | 6. | Hypothesis Testing with Non-normal Data |
|  |  |  |  | X |  | 7. | Statistical Process Control |
|  | X |  |  |  |  | 8. | Basic Statistics |
| X |  |  |  |  |  | 9. | Fractional Factorial Experiments |
|  |  |  | X |  |  | 10. | Regression Analysis |
|  |  |  |  | X |  | 11. | Poka Yoke |
|  |  | X |  |  |  | 12. | Classes of Distributions |
|  |  | X |  |  |  | 13. | Inferential Statistics |
|  | X |  |  |  |  | 14. | Normal Distribution |
|  |  |  | X |  |  | 15. | Design of Experiments |
|  |  |  | X |  |  | 16. | Critical to Quality |
|  |  |  |  | X |  | 17. | Elements of the Control Plan |
| X |  |  |  |  |  | 18. | Y=f(x) |
|  | X |  |  |  |  | 19. | Value Stream Map |
|  |  | X |  |  |  | 20. | Hypothesis Testing with Normal Data |