



# Satuan Acara Pengajaran

MAT30252 - Statistika Pengendalian Mutu (S)

Pengajar

*Dra. Saskya Mary Soemartojo M.Si.*

*Dr. Dra. Dian Lestari D.E.A.*

## Minggu 1

---

**Materi** Pengenalan Materi dan pendahuluan

---

**Media** Papan tulis

---

**Referensi** [1] Grant, Eugene L. and R. S. Leavenworth (1999). Statistical Quality Control, 7th ed. McGraw Hill, New York  
[2] Montgomery, D. C. (1991) Introduction to Statistical Quality Control, 2nd ed, John Wiley & Sons, New York  
[3] Besterfield, D. H. (1994). Quality Control, 4th ed. Prentice-Hall, Inc. Englewood Cliffs, New Jersey  
[4] Hogg, R. V. and A. T. Craig (1995). Introduction to Mathematical Statistics, 5th ed. Prentice-Hall, Inc, New Jersey

---

**Aktivitas** tutorial

---

## Minggu 2

---

**Materi** Teori Probabilitas

---

**Media** LCD, papan tulis

---

- Referensi**
- [1] Grant, Eugene L. and R. S. Leavenworth (1999). Statistical Quality Control, 7th ed. McGraw Hill, New York
  - [2] Montgomery, D. C. (1991) Introduction to Statistical Quality Control, 2nd ed, John Wiley & Sons, New York
  - [3] Besterfield, D. H. (1994). Quality Control, 4th ed. Prentice-Hall, Inc. Englewood Cliffs, New Jersey
  - [4] Hogg, R. V. and A. T. Craig (1995). Introduction to Mathematical Statistics, 5th ed. Prentice-Hall, Inc, New Jersey
- 

**Aktivitas** presentasi, diskusi

---

### Minggu 3

---

**Materi** Pembuatan bagan kendali X bar dan R

---

**Media** LCD, papan tulis

---

- Referensi**
- [1] Grant, Eugene L. and R. S. Leavenworth (1999). Statistical Quality Control, 7th ed. McGraw Hill, New York
  - [2] Montgomery, D. C. (1991) Introduction to Statistical Quality Control, 2nd ed, John Wiley & Sons, New York
  - [3] Besterfield, D. H. (1994). Quality Control, 4th ed. Prentice-Hall, Inc. Englewood Cliffs, New Jersey
  - [4] Hogg, R. V. and A. T. Craig (1995). Introduction to Mathematical Statistics, 5th ed. Prentice-Hall, Inc, New Jersey
- 

**Aktivitas** presentasi, diskusi, tutorial

---

### Minggu 4

---

**Materi** (Lanjutan) Pembuatan bagan kendali X bar dan R

---

**Media** LCD, papan tulis

---

- Referensi**
- [1] Grant, Eugene L. and R. S. Leavenworth (1999). Statistical Quality Control, 7th ed. McGraw Hill, New York
  - [2] Montgomery, D. C. (1991) Introduction to Statistical Quality Control, 2nd ed, John Wiley & Sons, New York
  - [3] Besterfield, D. H. (1994). Quality Control, 4th ed. Prentice-Hall, Inc. Englewood Cliffs, New Jersey
  - [4] Hogg, R. V. and A. T. Craig (1995). Introduction to Mathematical Statistics, 5th ed. Prentice-Hall, Inc, New Jersey
- 

**Aktivitas** presentasi, diskusi

---

## Minggu 5

---

**Materi** Konsep statistika dari bagan kendali

---

**Media** LCD, papan tulis

---

**Referensi** [1] Grant, Eugene L. and R. S. Leavenworth (1999). *Statistical Quality Control*, 7th ed. McGraw Hill, New York  
[2] Montgomery, D. C. (1991) *Introduction to Statistical Quality Control*, 2nd ed, John Wiley & Sons, New York  
[3] Besterfield, D. H. (1994). *Quality Control*, 4th ed. Prentice-Hall, Inc. Englewood Cliffs, New Jersey  
[4] Hogg, R. V. and A. T. Craig (1995). *Introduction to Mathematical Statistics*, 5th ed. Prentice-Hall, Inc, New Jersey

---

**Aktivitas** presentasi, diskusi, tutorial

---

## Minggu 6

---

**Materi** (Lanjutan) Konsep statistika dari bagan kendali

---

**Media** LCD, papan tulis

---

**Referensi** [1] Grant, Eugene L. and R. S. Leavenworth (1999). *Statistical Quality Control*, 7th ed. McGraw Hill, New York  
[2] Montgomery, D. C. (1991) *Introduction to Statistical Quality Control*, 2nd ed, John Wiley & Sons, New York  
[3] Besterfield, D. H. (1994). *Quality Control*, 4th ed. Prentice-Hall, Inc. Englewood Cliffs, New Jersey  
[4] Hogg, R. V. and A. T. Craig (1995). *Introduction to Mathematical Statistics*, 5th ed. Prentice-Hall, Inc, New Jersey

---

**Aktivitas** presentasi, diskusi

---

## Minggu 7

---

**Materi** Penarikan kesimpulan dari bagan kendali

---

**Media** LCD, papan tulis

---

- Referensi**
- [1] Grant, Eugene L. and R. S. Leavenworth (1999). *Statistical Quality Control*, 7th ed. McGraw Hill, New York
  - [2] Montgomery, D. C. (1991) *Introduction to Statistical Quality Control*, 2nd ed, John Wiley & Sons, New York
  - [3] Besterfield, D. H. (1994). *Quality Control*, 4th ed. Prentice-Hall, Inc. Englewood Cliffs, New Jersey
  - [4] Hogg, R. V. and A. T. Craig (1995). *Introduction to Mathematical Statistics*, 5th ed. Prentice-Hall, Inc, New Jersey
- 

**Aktivitas** presentasi, diskusi, tutorial

---

## Minggu 8

---

**Materi** (Lanjutan) Penarikan kesimpulan dari bagan kendali Review

---

**Media** LCD, papan tulis

---

- Referensi**
- [1] Grant, Eugene L. and R. S. Leavenworth (1999). *Statistical Quality Control*, 7th ed. McGraw Hill, New York
  - [2] Montgomery, D. C. (1991) *Introduction to Statistical Quality Control*, 2nd ed, John Wiley & Sons, New York
  - [3] Besterfield, D. H. (1994). *Quality Control*, 4th ed. Prentice-Hall, Inc. Englewood Cliffs, New Jersey
  - [4] Hogg, R. V. and A. T. Craig (1995). *Introduction to Mathematical Statistics*, 5th ed. Prentice-Hall, Inc, New Jersey
- 

**Aktivitas** presentasi, diskusi

---

## Minggu 9

---

**Materi** UTS

---

**Media**

---

- Referensi**
- [1] Grant, Eugene L. and R. S. Leavenworth (1999). *Statistical Quality Control*, 7th ed. McGraw Hill, New York
  - [2] Montgomery, D. C. (1991) *Introduction to Statistical Quality Control*, 2nd ed, John Wiley & Sons, New York
  - [3] Besterfield, D. H. (1994). *Quality Control*, 4th ed. Prentice-Hall, Inc. Englewood Cliffs, New Jersey
  - [4] Hogg, R. V. and A. T. Craig (1995). *Introduction to Mathematical Statistics*, 5th ed. Prentice-Hall, Inc, New Jersey
- 

**Aktivitas** ujian

---