

Instructor: Dr. Majid Jaridi

Office: Room 341 ESB. Phone (304) 293-4099 (Majid.Jaridi@mail.wvu.edu)

Office Hours: 11:00 – 12:15 Tuesday, Thursday or by appointment

| WEEK | TOPIC |
|------|--|
| 1. | Introduction to Forecasting Systems |
| 2. | Fundamentals of Quantitative Forecasting |
| 3. | Smoothing Methods |
| 4. | Decomposition Methods |
| 5. | Simple and Multiple Regressions |
| 6. | Discounted Least Squares and Direct Smoothing |
| 7. | Discounted Least Squares and Direct Smoothing <u>Test I</u> |
| 8. | Smoothing Models for Seasonal Data |
| 9. | Forecasting |
| 10. | Analysis of Forecast Errors |
| 11. | Adaptive Control Forecasting Methods |
| 12. | Review and <u>Test II</u> |
| 13. | The Box-Jenkins Method |
| 14. | The Box-Jenkins Method |
| 15. | The Box-Jenkins Method |

General Policies

1. All assigned problems will be collected and graded. Late homework will not be accepted.
2. Makeup tests and incomplete grades are not given except as allowed by university policies.
3. No group work is allowed on homework.

Grading Policies

| | |
|------------|-----------|
| Test I | 25 |
| Test II | 25 |
| Homework | 10 |
| Final Test | <u>40</u> |
| | 100 |

Tentative Grading Basis

| | | |
|------------|---|---|
| > 90% | : | A |
| 80% -- 89% | : | B |
| 70% -- 79% | : | C |
| 60% -- 69% | : | D |
| < 59% | : | F |