

## Waiver Rule for MGMT 6100 - Statistics for Managerial Decision Making

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This course develops an understanding of concepts in business statistics and focuses on application of concepts in problem-solving situations. In particular, students learn to present and describe data, analyze probability distributions, make statistical inferences based on data samples, and develop basic models for prediction and forecasting.

### Which students are allowed to take the Statistics Exam?

Students in the MBA, MS Management, MS Business Analytics and MS Supply Chain Management programs. MGMT 6100 Statistics for Managerial Decision Making is a core course in these programs. We offer you a test that allows you to waive out of statistics and replace the 3 credits with an elective approved by your program advisor. **In order to be allowed to take the waiver exam students must have an A grade in their undergraduate statistics course and provide the syllabus for that course.**

### What content will be covered on the Statistics Exam?

Students must be proficient in describing, gathering and analyzing business data via use of computers. They need to know how to use statistical tools to make effective business decisions. Topics such as numerical descriptive measures, probability and distributions, statistical inference and sampling, interval estimation, hypothesis testing, regression analysis are included. Business applications of these techniques are emphasized. The emphasis is on learning how to be an intelligent "consumer" of statistics, rather than on how to become a statistician. The exam will consist of a mix of multiple choice, calculation questions, and one hands-on analysis task in Excel.

### What is the criterion for passing?

If you obtain a grade of 88% or higher on this test, then you are exempt from taking MGMT 6100.

### When is the statistics exam?

On Monday, August 20, 2018, 9:00a.m. - 12:00 p.m.

### Where is the statistics exam?

In Pittsburgh Building – Room 4206

### What should you bring to the statistics exam?

Computer with Excel program; calculator, paper and pencil

### How should you sign up for the statistics exam?

**Send a copy of your transcript documenting "A" grade in statistics and the course syllabus to Sonja Francis [francs@rpi.edu](mailto:francs@rpi.edu) by August 14, 2018.**