

# Program Plans: Outcomes and Assessment Methods



## Program (SSB) - FIN - Quantitative Financial Economics (MS) - 431

**Program Mission Statement:** Preparing students for successful professional careers in quantitative financial occupations is the mission of the Masters of Science in Quantitative Financial Economics Program. The MSQFE Program is a unique interdisciplinary environment recognized externally for the quality of our graduates and curriculum.

### Program Information

2018 - 2019

#### Program Information

**Assessment Coordinator's Name:** Louis R. Piccotti

**Assessment Coordinator's E-mail Address:** louis.r.piccotti@okstate.edu

**Number of Students Enrolled in the Program:** 12

**Total Number of Students Graduated:** 7

**Were university assessment funds used by the department/program for assessment activities?:** No

### Annual Executive Summaries

2018 - 2019

**Program Assessment Coordinator:** Louis Piccotti

#### Plan Review and Approval

**Date Current Plan Was Reviewed and Approved:** 09/09/2019

**Date of Future Plan Review and Approval:** 09/09/2019

#### Summary of Assessment Findings

**Describe overall assessment findings and faculty members' interpretation of the assessment results:** MSQFE students develop superior problem solving skills. They need to further develop their abilities to organize and deliver effective presentations.

#### Dissemination of Findings

**Describe the individual(s) or committee responsible for reviewing and interpreting assessment data:** The MSQFE Program Director will present the results of this Assessment report to the MSQFE Program Committee and members of the Department of Finance.

**Describe the process for sharing and discussing assessment findings with program faculty:** Topic of discussion for Fall semester Department and Program Committee meetings.

#### Program Improvements Based on Assessment

**Based on data collected this year, what changes are being considered or planned for the program?:** NA

**Based on this year's findings, what (if any) changes are planned for the assessment process?:** NA

**Describe the process for implementing these changes/planned program improvements:** NA

**Program Improvements Made in the Last Year:** Course Improvements, Curriculum Improvements, Increased Rigor

**Goals for the Coming Year:** Increased quantitative rigor, increased programming and coding rigor, and increased polishing of 'soft' skills.

**Is this Summary Report Complete?:** Yes

**List all individuals associated with this report preparation:** Louis Piccotti (current director); Tim Krehbiel (retired)

### Outcome: Written Communication

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1. Conventional Form - Writing is essentially error-free in its mechanics. Its format is well adapted to the assignment and leads the reader to the writer's conclusions.
2. Clarity and Coherence - The writing flows smoothly from idea to idea. The writer has taken pains to help the reader follow the logic of the ideas presented.
3. Focus, Organization, Content - Choices related to focus; organization and/or content make the piece a pleasure to read.

**Outcome Status:** Active

**Planned Assessment Year:** 2018 - 2019

**Outcome Type:** Skills

## Outcome: Critical Thinking

1. Conceptualization-key issues and subsidiary embedded, or implicit aspects of a question are identified and clearly stated.
2. Application - Inferences of cause and effect are stated and potential consequences are addressed. Facts and opinions are stated and clearly distinguished for acknowledgement of value judgments.
3. Analysis - Implications and consequences of the conclusion are considered in context, relative to assumptions, and supporting evidence. The student provides reflective thought with regards to the assertions.
4. Evaluation - The key assumption that underlies the issue is clearly stated and the validity of the assumption that underlies the issue is assessed. Key data and background information is evaluated for validity and used in a way consistent with this evaluation.
5. Synthesis - Problem/issue is addressed within correct context. The analysis, outcomes and conclusions are appropriately stated with reference to broader discipline specific body of knowledge.

**Outcome Status:** Active

**Planned Assessment Year:** 2018 - 2019

**Outcome Type:** Skills