### Multi-Op Course and Instructor Evaluation

**IU Bloomington Evaluation Services and Testing (BEST)**
Franklin Hall 014
Main Office: 855-1595
Scoring Room: 855-3357

**Course:** M118  
**Section:** 9148  
**Number of students responding:** 14  
**Distribution of expected grades**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Pct</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>6</td>
</tr>
<tr>
<td>D</td>
<td>2</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
<tr>
<td>No response</td>
<td>3</td>
</tr>
</tbody>
</table>

**Section distribution by class:**
- Freshmen: 1
- Sophomores: 1
- Juniors: 2
- Seniors: 6
- Graduates: 0
- Other: 1
- No response: 3

**Term:** Sum.  
**Year:** 13  
**Instructor:** ONG KO  
**Run date:** Mon Aug 5 11:11:45 2013

<table>
<thead>
<tr>
<th>Item No. (Catalog No.)</th>
<th>Item</th>
<th>Pct marking each response</th>
<th>PCTLE</th>
<th>PCTLE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>SA</td>
<td>4</td>
<td>A</td>
</tr>
<tr>
<td>GLOBAL ITEMS</td>
<td></td>
<td>31</td>
<td>23</td>
<td>23</td>
</tr>
<tr>
<td>1 (1) Overall, I would rate the quality of this course as outstanding</td>
<td></td>
<td>69</td>
<td>23</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50</td>
<td>23</td>
<td>15</td>
</tr>
<tr>
<td>INSTRUCTOR CHARACTERISTICS</td>
<td></td>
<td>3 (5) My instructor is well prepared for class meetings</td>
<td>69</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 (6) My instructor explains the material clearly</td>
<td>62</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>65</td>
<td>31</td>
<td>4</td>
</tr>
<tr>
<td>INSTRUCTOR CHARACTERISTICS</td>
<td></td>
<td>5 (17) My instructor is enthusiastic about teaching this course</td>
<td>100</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>INSTRUCTOR CHARACTERISTICS</td>
<td></td>
<td>6 (25) My instructor is knowledgeable on course topics</td>
<td>100</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>INSTRUCTOR CHARACTERISTICS</td>
<td></td>
<td>- Rapport and Respect</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Elements</td>
<td>Percentage</td>
<td>Rating</td>
<td>Mean</td>
<td>Standard Deviation</td>
</tr>
<tr>
<td>-----------------</td>
<td>------------</td>
<td>--------</td>
<td>------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Reading and Assignment</td>
<td>60%</td>
<td>46</td>
<td>3.23</td>
<td>0.2</td>
</tr>
<tr>
<td>Difficulty</td>
<td>75%</td>
<td>23</td>
<td>1.69</td>
<td>1.2</td>
</tr>
<tr>
<td>Evaluation and Feedback</td>
<td>79%</td>
<td>54</td>
<td>3.00</td>
<td>0.2</td>
</tr>
<tr>
<td>Knowledge and Skills</td>
<td>107%</td>
<td>23</td>
<td>2.54</td>
<td>6.6</td>
</tr>
</tbody>
</table>

**Student Feedback**

7. My instructor is regularly available for consultation

Category Averages: 92 8 0 0 0 3.92 13 98.4 95.6

8. Course assignments help in learning the subject matter

Category Averages: 46 38 8 8 0 3.23 13 67.1 45.7

9. The level of difficulty of this course is appropriate for me

Category Averages: 23 8 15 23 31 1.69 13 1.2 0.2

10. The grading procedures for the course are fair

Category Averages: 54 23 8 0 15 3.00 13 54.5 23.1

11. I learned a lot in this course

Category Averages: 23 31 23 23 0 2.54 13 24.3 6.6

12. What did you like most about the course and/or the instructor?

13. What did you like least about the course and/or the instructor?
HIGHEST AND LOWEST RATED ITEMS IN THIS REPORT

The highest rated items (listed below by catalogue number) for the course or instructor are:

17. My instructor is enthusiastic about teaching this course 4.00
25. My instructor is knowledgeable on course topics 4.00
31. My instructor is regularly available for consultation 3.92

The lowest rated items (listed below by catalogue number) for the course or instructor are:

75. The level of difficulty of this course is appropriate for me 1.69
107. I learned a lot in this course 2.54
1. Overall, I would rate the quality of this course as outstanding 2.62

UNDERSTANDING THE MULTI-OP REPORT

For detailed information about Multi-Op consult the Multi-Op manual available online at http://www.indiana.edu/~best/multiop/manual.shtml. It contains suggestions for reading and interpreting your report. Some brief guidelines for interpretation include:

- If fewer than two-thirds of the class responded the results may not constitute a valid sample of student opinion and should be interpreted cautiously.
- Classes in mathematics and the natural sciences tend to receive lower ratings than those in other disciplines.
- Students who are required to take a course tend to rate it lower than those who elect to take it.
- Higher-level courses tend to get higher ratings than lower-level courses.
- Some studies report that smaller class sizes tend to give higher ratings than large classes, but other studies have found no relationship.
- Multi-Op means are based on a 0 (Strongly Disagree) to 4 (Strongly Agree) scale. While the scale midpoint is 2.0, the campus mean for most items is in the range of 2.8 to 3.3.
- Because item means tend to cluster around 3.0, changes in means near that value will result in larger changes in percentile rank than changes further from the mean. For example, the difference between means of 3.1 and 3.3 might be 15 percentile rank points, while the difference between means of 2.1 and 2.3 might be only 5 percentile points.

USING MULTI-OP FOR COURSE IMPROVEMENT

You may want to give special attention to those items on which the percent of favorable responses falls below your expectations, especially if the items represent important objectives. Research suggests that student ratings data are more useful in course improvement if the instructor collaborates with a teaching consultant. For a confidential consultation, please feel free to contact one of these offices:

- Campus Instructional Consulting, Franklin Hall 004, 855-9023
- Instructioonal Consulting, School of Education, Education 2002, 856-8409

For questions about Multi-Op or course evaluation in general, please contact BEST, Franklin Hall 014, 855-1595.
STUDENT EVALUATION/COMMENTS
Verbatim from Student’s Comments

12. What did you like most about the course and/or the instructor?
13. What did you like least about the course and/or the instructor?

No#. I really liked this class, because of Kia Ong. I hate M118! Kia made the class bearable and fun. Kia is one of the best teachers I’ve had at IU. I hope he is here for a long time. But I hope M118 changes and isn’t a gen ed anymore. This math is crazy, stupid, and bullshit. This class is required for a IU degree: bullshit. I have paid $70/hr for a tutor and still am doing awful. I enjoyed Kia as a teacher. He was the only good thing about M118! Thank you Kia!

12. The instructor is very enthusiastic and fun to listen to.
13. Too fast!—I suppose that is to be expected of a summer course though

12. The instructor is very knowledgeable and gets right to the point. He explains everything very thoroughly and makes comprehension much easier.
13. The only thing I don’t like about the course is that it is math. That is nothing the instructor can help. ☺

12. He always took the time to redo a problem if people didn’t understand.
13. Sometimes it went a little slow since I knew a lot of the material already.

No# The instructor is fun and very makes the course more interesting. He cares about us!

No# M118 has been a difficult class but with the help from Ong it has made it AWESOME!

12. Professor was good
13. A) Why is a 100 level class so difficult? I shouldn’t have to question whether or not I will pass a BASIC math class at a 100 level.
B) the math learning center would be great if there wasn’t a language barrier with the tutors.
C) To find help outside of class, tutors cost around 50-80 bucks an hour, are you kidding me? I can’t afford that! No one can at our age!
Long story short, the only way to do well in this class is to a) either be gifted in math in the first place b) pay outrageous amounts of money for a tutor for material none of us will ever use again.
12. I loved professor Ong for his enthusiasm and humor. This is the most entertained I have even been in a math class. Also this is the first time I have even been able to pay attention in Math class.

13. The instructor for this class was hands down the best math instructor I have ever had. Material was explained thoroughly and in a very entertaining way. I believe the math in this course however is very disjointed making it difficult to fully understand all of the material. The 2\textsuperscript{nd} half of the class doesn’t overlap with the first half. The questions on the test also are not always reflective of the questions on webwork. I feel the test are more designed to trick students so even if you are feeling confident based on how well you did on the homework, when the test is presented, often most students didn’t know how to answer the questions.

No# The instructor brought a lot of energy and humor to what otherwise is a depressing amount of horrible bullshit. This class is vile or I have some cognitive deficiency. Whatever the case I think there should be a summer long edition of this course because I wouldn’t pass this thing unless I had taken the course Multiple times Before. DEAR GOD LET ME PASS.

12. I really enjoyed my instructors enthusiasm. Made class more enjoyable.

13. I hate that it is required when it is the #1 failed and #1 dropped class @ IU. Stop making students take a bull shit Math course.

12. Very enthusiastic, humorous instructor. By the end, I was actually enjoying doing Math....

13. Course is hard to approach as a humanities student.

No# The instructor is very well prepared and enthusiastic. I am not exaggerating when I say I have never been taught math in such an effective way.

No# This was a difficult class, but Kiah is a GREAT teacher! He made the concepts easier to understand, and is one of the best math teachers I've had!