

Alex Stoytchev
Fall 2005

610 Student Comments

1. Amazing class. All lectures were well-prepared, thorough, media-rich, and intellectually satisfying. Alex has a gift for stimulating excitement and interest in the course topics. I would love to take more of his courses. I learned a great deal, and my interests have been influenced by this class. I plan on continuing exploration of the course topics.
2. Exceptionally well-prepared lectures; meticulously researched topics; excellent visual and oral presentation; professor is always available for discussion and individual attention and goes out of his way to encourage participation and individual involvement. One of the most enjoyable classes in Com S and CprE; also fosters research interest in the area. Outstanding job!
3. Good job, Alex! It's great to have you at ISU. I hope to work with you both out of class and in future courses. Improvements: more focus on the project and *doing* stuff; sometimes it was a bit repetitive; maybe drop HW #3 to allow more focus on the project. Overall, I thought you did a wonderful job.
4. Overall, I'm very glad the class was offered and I took it. Every lecture was worth going to—I learned a lot from both readings and presentations. Professor Stoytchev is always able to lead the lecture so that it is informative, fun, and most importantly, gets us to think of new ideas. I certainly plan to take his Computational Perception class next semester.
5. The material covered was great for the class. The homework was good for additional learning and thinking. For having people make subject presentations mention it earlier.
6. Overall I found the class to be great for stimulating my thinking toward robots and intelligent machines, but it lacked relating those ideas to actually implementable forms. It was pretty much all theory and that tends to get boring, so I would recommend explaining how to implement some of these ideas.
7. At some point in the future, students could benefit from having the opportunity to experiment with the “tools” for working with robotics. I would have enjoyed some introduction into robot simulators—rather than a “learn it on your own” approach. Great slides, organization, reading materials.
8. ISU has needed a class like this for *far* too long, so I'm glad that one has finally been offered. Dr. Stoytchev is very qualified to teach this class. In fact, *another class* should be offered as a follow-up to this one that goes through the implementations of these concepts. ISU NEEDS TO DEVELOP ITS ROBOTICS PROGRAM!

9. Alex did a great job with content and enthusiasm! However, much of the excitement for the class is for the material. Definitely keep this class in the curriculum, and others like it. Cross-disciplinary and cutting-edge.
10. This was a fantastic course! I had been waiting 3 years for something like it to come along.
11. I thought the lectures and topics were great. It's nice to take a CS course that wasn't designed in the 70s.
12. This course changed my whole academic direction. It is the first course where I've ever been able to explore my ideas about artificial intelligence, and it exposed me to the state of the art in a field where I believe I will eventually end up. It is, by far, the best course I've ever had. The best part: in class demonstrations and videos. Want more: examples of implementation (but may be that should be saved for a more non-comprehensive course).
13. This course is pretty interesting! Developmental robots is one of cutting-edge area. This course helped me a lot in terms of understanding Artificial Intelligence area. One bad thing I don't like is no robot hardware in this class. Overall, I estimate this course highly.
14. 1) Make the slides available in advance. This may help paper reading. 2) Decrease the quotation of large paragraphs in the slides. Sometimes it is hard to understand.
15. This class was very interesting and well-taught. The professor used images and videos well, both to keep the class's interest high through the lectures and to present the state-of-the-art research projects from other universities. This class was probably the most important class of my graduate-level studies.
16. Nice lectures. Very informative. Hot topic. Would like a follow-up. Material support would be nice (robots, computers, a lab maybe).
17. Prof. was real into it and made the class fun. I took a lot out of this class and it has helped me more clearly define what I want to do for the rest of my life.
18. This was among the top 3 classes that I took at Iowa State University, out of about 20-25. I have really enjoyed the subject.
19. The instructor was very enthusiastic about the course, taught the class in a very interactive manner, and used a variety of materials (movies, in-class experiments, etc.) that made the class very interesting. I've never seen any other class where the students would be so excited about it. Great job!

20. Alex is one of the most relaxed teachers I've ever had. He is extremely flexible with deadlines and project parameters, and he creates an environment in which apathy towards the subject wouldn't make sense.
21. Alex made the class fun because of fun material and the way he presented it. Lots of class discussion to hear everybody's opinion. Final projects should probably be better defined so students don't try to do something out of class's scope.
22. As a faculty colleague, I know and respect the fact that you worked prodigiously to teach this course. It is amazing that you prepared so much "just in time"—the first time through! You definitely challenged the students, but may have overwhelmed them somewhat. This is OK, and possibly desirable for a 600-level course dealing with frontiers of technology. There was a *lot* of reading material and many concepts. What the students got out of it depends on their background. Psychologists like to write! I hope you can develop and fund a lab for this course. Best regards, best wishes for the holidays, and thanks for stimulating my mind! **Name and affiliation**

Course Evaluation - Lecture Section Version

Please give your opinions about this lecture section. Omit questions that do not apply to the course being evaluated. This information will be used by the department and the lecturer to help improve the quality of instruction. These questionnaires will not be returned to the lecturer until after final course grades have been turned in. **Do not identify yourself. Please make your answers with soft black pencil.**

Course # com s 610as Alex Sfoytchev

1. Your overall rating of this instructor is:
 - a. very good
 - b. good
 - c. satisfactory
 - d. poor
 - e. very poor

2. Your overall rating of the course is:
 - a. very good
 - b. good
 - c. satisfactory
 - d. poor
 - e. very poor

In questions 3-19, please respond using the scale:

- a. strongly agree
- b. agree
- c. neutral
- d. disagree
- e. strongly disagree

If you have no opinion on a particular question, or if the question does not apply, please leave your answer blank.

3. Compared with other instructors I have had, I would rate this instructor highly.
4. The instructor for the course was organized.
5. The instructor was knowledgeable of the subject matter.
6. The instructor stimulated my interest in the subject matter.
7. The instructor was fair, respectful, and tolerant in interactions with students.
8. The instructor was available outside of class during office hours or by appointment.
9. The instructor explained the material clearly.
10. The instructor provided appropriate means (exams, homework, programming problems, etc.) for evaluating student competence on the course material.
11. I feel I have learned a great deal in this course.
12. The textbook(s) and readings used in this course were effective.
13. The **out-of-class** assignments (homework, programming, reports, term projects, etc.) in this course helped me learn.
14. The **in-class** activities (lectures, discussion, etc.) in this course helped me learn.
15. The course policies, in terms of weighing of student work (exams, homework solutions, programs, etc.), late policies, makeup exams, etc., were appropriate and fair.
16. Relative to other courses at this level, this course was difficult.
17. The computer facilities provided for this course were adequate.
18. The classroom facilities for this course were adequate.
19. The class size, in terms of number of students, was reasonable.
20. On average, how many hours per week have you spent on this class, including attending classes, studying, programming and other assignments, writing papers, and any other course-related work.
 - a. less than 5
 - b. 5 or more, but less than 10
 - c. 10 or more, but less than 15
 - d. more than 15.

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21. My curriculum is:
- a. Computer Science
 - b. Computer Engineering
 - c. Business
 - d. Other

22. My grade point average is:
- a. Below 1.75
 - b. 1.76-2.25
 - c. 2.26-2.75
 - d. 2.76-3.25
 - e. Above 3.26

23. Realistically, I expect a final course grade of:
- a. A+, A, A-
 - b. B+, B, B-
 - c. C+, C, C-
 - d. D+, D, D-
 - e. F (or unsatisfactory)
 - f. Satisfactory

21 A B C D E F G H I J
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22 A B C D E F G H I J
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Course # CS610AS

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 - d. poor
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21. My curriculum is:

- a. Computer Science
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- c. Business
- d. Other

22. My grade point average is:

- a. Below 1.75
- b. 1.76-2.25
- c. 2.26-2.75
- d. 2.76-3.25
- e. Above 3.26

23. Realistically, I expect a final course grade of:

- a. A+ ,A, A-
- b. B+, B, B-
- c. C+, C, C-
- d. D+, D, D-
- e. F (or unsatisfactory)
- f. Satisfactory

Please use the remaining space for additional comments. Use another sheet, if needed.

EXCEPTIONALLY WELL PREPARED LECTURES; METICULOUSLY RESEARCHED TOPICS; EXCELLENT VISUAL AND ORAL PRESENTATION; PROFESSOR IS ALWAYS AVAILABLE FOR DISCUSSION AND INDIVIDUAL ATTENTION AND GOES OUT OF HIS WAY TO ENCOURAGE PARTICIPATION AND INDIVIDUAL INVOLVEMENT.
ONE OF THE MOST ENJOYABLE CLASSES IN COMS AND CPRE; ALSO FOSTERS RESEARCH INTEREST IN THE AREA.
OUTSTANDING JOB!

21	A	B	C	D	E	F	G	H	I	J
	1	2	3	4	5	6	7	8	9	0
22	A	B	C	D	E	F	G	H	I	J
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23	A	B	C	D	E	F	G	H	I	J
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24	A	B	C	D	E	F	G	H	I	J
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37	A	B	C	D	E	F	G	H	I	J
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Course # COMS 610 AC CALYANDER STOICHEV

1. Your overall rating of this instructor is:

- a. very good
- b. good
- c. satisfactory
- d. poor
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2. Your overall rating of the course is:

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- b. **agree**
- c. **neutral**
- d. **disagree**
- e. **strongly disagree**

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- 11. I feel I have learned a great deal in this course.
- 12. The textbook(s) and readings used in this course were effective.
- 13. The **out-of-class** assignments (homework, programming, reports, term projects, etc.) in this course helped me learn.
- 14. The **in-class** activities (lectures, discussion, etc.) in this course helped me learn.
- 15. The course policies, in terms of weighing of student work (exams, homework solutions, programs, etc.), late policies, makeup exams, etc., were appropriate and fair.
- 16. Relative to other courses at this level, this course was difficult.
- 17. The computer facilities provided for this course were adequate.
- 18. The classroom facilities for this course were adequate.
- 19. The class size, in terms of number of students, was reasonable.
- 20. On average, how many hours per week have you spent on this class, including attending classes, studying, programming and other assignments, writing papers, and any other course-related work.
 - a. less than 5
 - b. 5 or more, but less than 10
 - c. 10 or more, but less than 15
 - d. more than 15.

TURN PAGE OVER

1	A	B	C	D	E	F	G	H	I	J
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RECORD: 19

21. My curriculum is:
- Computer Science
 - Computer Engineering
 - Business
 - Other
22. My grade point average is:
- Below 1.75
 - 1.76-2.25
 - 2.26-2.75
 - 2.76-3.25
 - Above 3.26

23. Realistically, I expect a final course grade of:
- A+, A, A-
 - B+, B, B-
 - C+, C, C-
 - D+, D, D-
 - F (or unsatisfactory)
 - Satisfactory

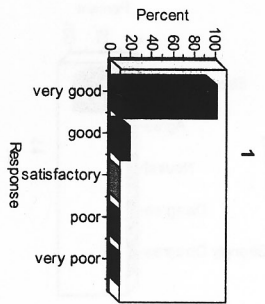
Please use the remaining space for additional comments. Use another sheet, if needed.

THIS WAS AMONG THE TOP 3
 CLASSES THAT I TOOK AT
 IOWA STATE UNIVERSITY.
 OUT ABOUT (20-25).
 I HAVE REALLY ENJOYED THE
 SUBJECT.

21	A	B	C	D	E	F	G	H	I	J
	1	2	3	4	5	6	7	8	9	0
22	A	B	C	D	E	F	G	H	I	J
	1	2	3	4	5	6	7	8	9	0
23	A	B	C	D	E	F	G	H	I	J
	1	2	3	4	5	6	7	8	9	0
24	A	B	C	D	E	F	G	H	I	J
	1	2	3	4	5	6	7	8	9	0
25	A	B	C	D	E	F	G	H	I	J
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26	A	B	C	D	E	F	G	H	I	J
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27	A	B	C	D	E	F	G	H	I	J
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28	A	B	C	D	E	F	G	H	I	J
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29	A	B	C	D	E	F	G	H	I	J
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	1	2	3	4	5	6	7	8	9	0

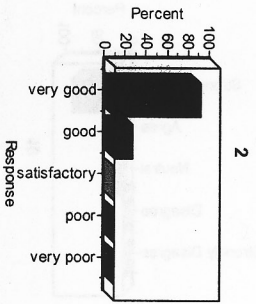
Item Analysis: Overall instructor

Label	Frequency	Percent
Very good	21	91.30
good	2	8.70
satisfactory	0	0.00
poor	0	0.00
Very poor	0	0.00
Total Valid	23	100.00



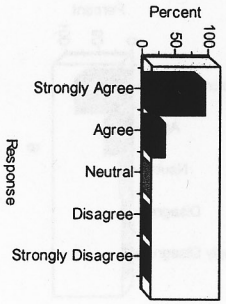
Item Analysis: Overall course

Label	Frequency	Percent
Very good	19	82.61
good	4	17.39
satisfactory	0	0.00
poor	0	0.00
very poor	0	0.00
Total Valid	23	100.00



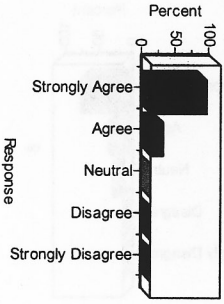
Item Analysis: Compared w/others

Label	Frequency	Percent
Strongly Agree	18	78.26
Agree	5	21.74
Neutral	0	0.00
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



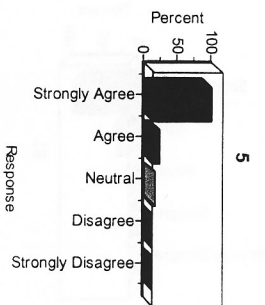
Item Analysis: Organized

Label	Frequency	Percent
Strongly Agree	19	82.61
Agree	4	17.39
Neutral	0	0.00
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



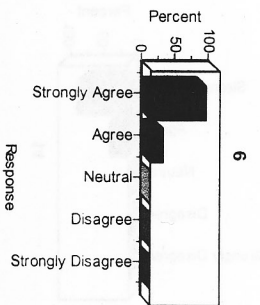
Item Analysis: Knowledgeable

Label	Frequency	Percent
Strongly Agree	20	86.96
Agree	2	8.70
Neutral	1	4.35
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



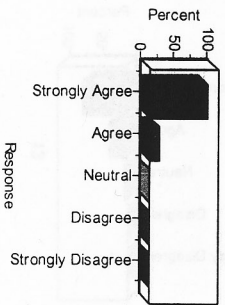
Item Analysis: Stimulated interest

Label	Frequency	Percent
Strongly Agree	19	82.61
Agree	4	17.39
Neutral	0	0.00
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



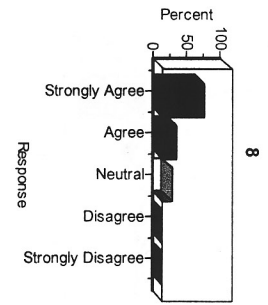
Item Analysis: Fair

Label	Frequency	Percent
Strongly Agree	20	86.96
Agree	3	13.04
Neutral	0	0.00
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



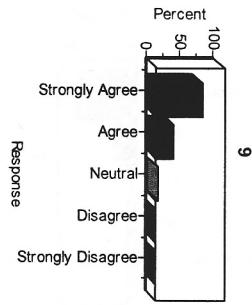
Item Analysis: Available

Label	Frequency	Percent
Strongly Agree	14	60.87
Agree	5	21.74
Neutral	3	13.04
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	22	95.65
Total Missing	1	4.35
Total	23	100.00



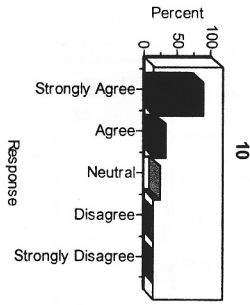
Item Analysis: Explained material

Label	Frequency	Percent
Strongly Agree	16	69.57
Agree	6	26.09
Neutral	1	4.35
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



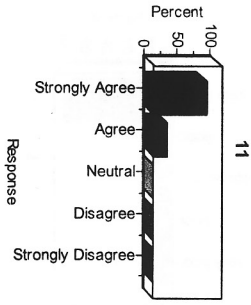
Item Analysis: Evaluate competence

Label	Frequency	Percent
Strongly Agree	17	73.91
Agree	4	17.39
Neutral	2	8.70
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



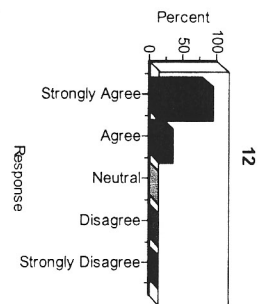
Item Analysis: Learned a lot

Label	Frequency	Percent
Strongly Agree	18	78.26
Agree	5	21.74
Neutral	0	0.00
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



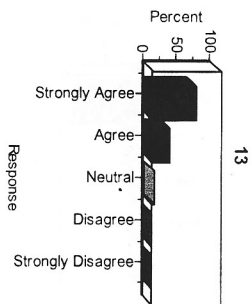
Item Analysis: Texts/readings

Label	Frequency	Percent
Strongly Agree	18	78.26
Agree	5	21.74
Neutral	0	0.00
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



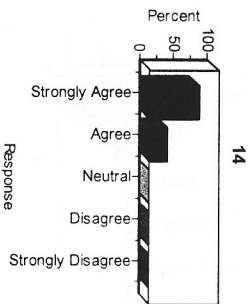
Item Analysis: Out-of-class

Label	Frequency	Percent
Strongly Agree	15	65.22
Agree	6	26.09
Neutral	1	4.35
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	22	95.65
Total Missing	1	4.35
Total	23	100.00



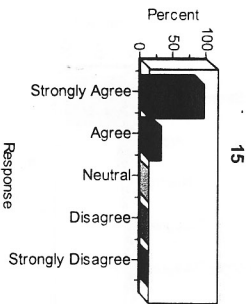
Item Analysis: In-class

Label	Frequency	Percent
Strongly Agree	17	73.91
Agree	6	26.09
Neutral	0	0.00
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



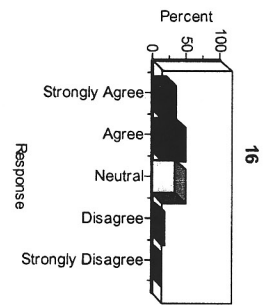
Item Analysis: Course policies

Label	Frequency	Percent
Strongly Agree	19	82.61
Agree	4	17.39
Neutral	0	0.00
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	23	100.00



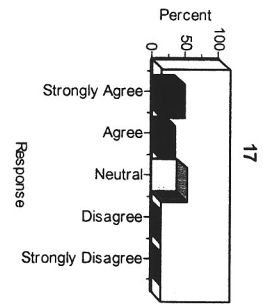
Item Analysis: Course difficult

Label	Frequency	Percent
Strongly Agree	5	21.74
Agree	8	34.78
Neutral	8	34.78
Disagree	1	4.35
Strongly Disagree	0	0.00
Total Valid	22	95.65
Total Missing	1	4.35
Total	23	100.00



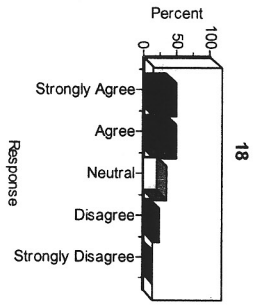
Item Analysis: Computer facilities

Label	Frequency	Percent
Strongly Agree	8	34.78
Agree	5	21.74
Neutral	9	39.13
Disagree	0	0.00
Strongly Disagree	0	0.00
Total Valid	22	95.65
Total Missing	1	4.35
Total	23	100.00



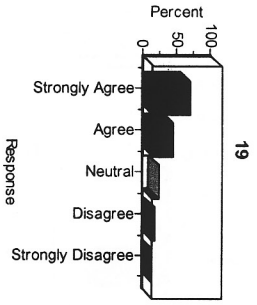
Item Analysis: Classroom facilities

Label	Frequency	Percent
Strongly Agree	8	34.78
Agree	5	21.74
Neutral	5	21.74
Disagree	2	8.70
Strongly Disagree	0	0.00
Total Valid	23	100.00



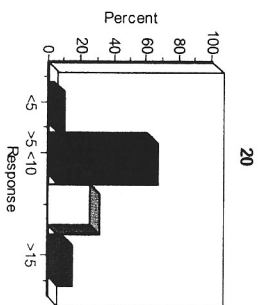
Item Analysis: Class size

Label	Frequency	Percent
Strongly Agree	13	56.52
Agree	7	30.43
Neutral	2	8.70
Disagree	1	4.35
Strongly Disagree	0	0.00
Total Valid	23	100.00



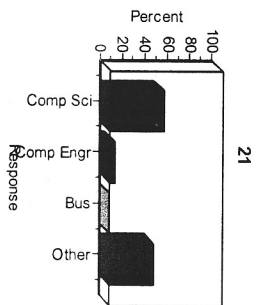
Item Analysis: Hours per week

Label	Frequency	Percent
<5	1	4.35
>5 <10	14	60.87
>10 <15	6	26.09
>15	2	8.70
Total Valid	23	100.00



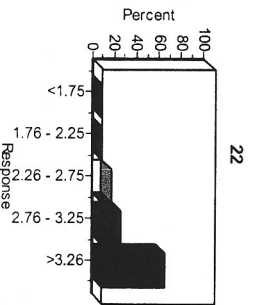
Item Analysis: Curriculum

Label	Frequency	Percent
Comp Sci	11	47.83
Comp Engr	1	4.35
Bus	0	0.00
Other	9	39.13
Total Valid	21	91.30
Total Missing	2	8.70
Total	23	100.00



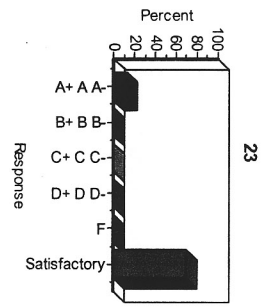
Item Analysis: GPA

Label	Frequency	Percent
<1.75	0	0.00
1.76 - 2.25	0	0.00
2.26 - 2.75	2	8.70
2.76 - 3.25	4	17.39
>3.26	13	56.52
Total Valid	19	82.61
Total Missing	4	17.39
Total	23	100.00



Item Analysis: Expected grade

Label	Frequency	Percent
A+ A A-	3	13.04
B+ B B-	0	0.00
C+ C C-	0	0.00
D+ D D-	0	0.00
F	0	0.00
Satisfactory	16	69.57
Total Valid	19	82.61
Total Missing	4	17.39
Total	23	100.00



Item Statistics:

	1	2	3	4	5	6	7
Sample Size	23	23	23	23	23	23	23
Number Missing	0	0	0	0	0	0	0
Mean	1.09	1.17	1.22	1.17	1.17	1.17	1.13
Variance	0.08	0.15	0.18	0.15	0.24	0.15	0.12
Standard Deviation	0.29	0.39	0.42	0.39	0.49	0.39	0.34
Standard Error	0.06	0.08	0.09	0.08	0.10	0.08	0.07

	8	9	10	11	12	13	14
Sample Size	22	23	23	23	23	22	23
Number Missing	1	0	0	0	0	1	0
Mean	1.50	1.35	1.35	1.22	1.22	1.36	1.26
Variance	0.55	0.33	0.42	0.18	0.18	0.34	0.20
Standard Deviation	0.74	0.57	0.65	0.42	0.42	0.58	0.45
Standard Error	0.16	0.12	0.13	0.09	0.09	0.12	0.09

	15	16	17	18	19	20	21
Sample Size	23	22	22	23	23	23	21
Number Missing	0	1	1	0	0	0	2
Mean	1.17	2.23	2.05	2.04	1.61	2.39	2.33
Variance	0.15	0.76	0.81	0.95	0.70	0.52	2.23
Standard Deviation	0.39	0.87	0.90	0.98	0.84	0.72	1.49
Standard Error	0.08	0.19	0.19	0.20	0.17	0.15	0.33

	22	23
Sample Size	19	19
Number Missing	4	4
Mean	4.58	5.21
Variance	0.48	3.51
Standard Deviation	0.69	1.87
Standard Error	0.16	0.43