

APPENDIX C-6a Pre-Co-op Student Survey

Pre-Test Evaluation Form (completed by the student at a pre-work meeting)



STUDENT NAME: _____

STUDENT ID: _____

MAJOR: _____

Inventory of Abilities *Student Self-Analysis Profile*

These are abilities you can expect to learn as a result of a cooperative education (Co-op) experience. Please indicate your current level of competence in each of these attributes by ranking yourself from 1 (very limited) to 5 (highly competent). Thank you! We appreciate your honesty.

1. Ability to apply engineering theory and principles to the work environment. _____
2. Ability to design a system, component, or process to meet desired needs. _____
3. An understanding of professional and ethical responsibility. _____
4. Ability to communicate effectively on an interpersonal level. _____
5. Ability to communicate effectively in formal presentations. _____
6. Ability to communicate effectively in technical writing. _____
7. Recognition the need for lifelong learning. _____
8. Ability to use techniques, skills and modern engineering tools necessary for engineering practice. _____
9. Ability to design and conduct experiments. _____
10. Ability to analyze and interpret data. _____
11. Ability to function on multi-disciplinary teams. _____
12. A knowledge of contemporary issues in your discipline. _____
13. Ability to identify, formulate and solve engineering problems. _____
14. Recognition of the value of hands-on experience. _____
15. Ability to think critically. _____
16. Ability to manage change. _____
17. Understanding of office dynamics. _____
18. Is this your first engineering-related job? _____

APPENDIX C-6b
Post-Co-op Student Survey

Student Evaluation, completed at the end of the co-op experience

ENGINEERING	
	CO-OP PROGRAM

Student Name: _____
Student ID: _____
Major: _____

Inventory of Abilities

Student Self-Analysis Profile – Post Experience

These are abilities we expected you to learn as a result of a cooperative education (Co-op) experience. Please indicate your current level of competence (as compared to peers at UW) in each of these attributes by ranking yourself from **1 (very limited)** to **5 (highly competent)** or **0 (Not Applicable)**. Thank you! We appreciate your honesty.

- 5. Ability to apply engineering theory and principles to the work environment. _____
- 6. Ability to design a system, component, or process to meet desired needs. _____
- 7. An understanding of professional and ethical responsibility. _____
- 8. Ability to communicate effectively on an interpersonal level. _____
- 9. Ability to communicate effectively in formal presentations. _____
- 10. Ability to communicate effectively in technical writing. _____
- 11. Recognition of the need for lifelong learning. _____
- 12. Ability to use techniques, skills and modern engineering tools necessary for engineering practice. _____
- 13. Ability to design and conduct experiments. _____
- 14. Ability to analyze and interpret data. _____
- 15. Ability to function on multi-disciplinary teams. _____
- 16. A knowledge of contemporary issues in your discipline. _____
- 17. Ability to identify, formulate and solve engineering problems. _____
- 18. Recognition of the value of hands-on experience. _____
- 19. Ability to think critically. _____
- 20. Ability to manage change. _____
- 21. Understanding of office dynamics. _____

Inventory of Abilities

EMPLOYER EVALUATION OF STUDENT, II

These are abilities we expect students to learn/improve upon as a result of a cooperative education (co-op) experience. Please indicate your student's level of competence (as compared to other co-op students at your company) in each of these attributes by ranking the student from **1 (very limited)** to **5 (highly competent)**. Thank you! We appreciate your honesty. If requested, a student may view all documents in his/her file. This data is used to develop profiles for the accreditation process.

The student....

1. Is able to apply engineering theory and principles to the work environment. _____
2. Is able to design a system, component, or process to meet desired needs. _____
3. Understands professional and ethical responsibility. _____
4. Is able to communicate effectively on an interpersonal level. _____
5. Is able to communicate effectively in formal presentations. _____
6. Is able to communicate effectively in technical writing. _____
7. Recognizes the need for and ability to engage in lifelong learning. _____
8. Is able to use techniques, skills and modern engineering tools necessary for engineering practice. _____
9. Is able to design and conduct experiments. _____
10. Is able to analyze and interpret data. _____
11. Is able to function on multi-disciplinary teams. _____
12. Is knowledgeable about contemporary issues in engineering. _____
13. Is able to identify, formulate and solve engineering problems. _____
14. Recognizes the value of hands-on experience. _____
15. Is able to think critically. _____
16. Is able to manage change. _____
17. Understands office dynamics. _____

Please send completed Evaluation to:
Engineering Co-op Program, University of Washington
Box 352180, 353 Loew Hall, Seattle, WA 98195