431 Final Project, Survey Part 1

This is the Fall 2016 survey of students taking 431. Please complete all of the questions, providing an answer for each to the best of your ability. Thank you.

Your email address (**tel3@case.edu**) will be recorded when you submit this form. Not **tel3**? Sign out

* Required

1. **1. What is your age (in years)?** *

_____

2. **2. What is your height (in inches)?**

   If you are five feet, eight inches tall, please write 68 inches. To convert from centimeters to inches, multiply your height in centimeters by 0.3937, and then round the result to the nearest inch.

_____

3. **3. What is your weight (in pounds)?**

   To convert from kilograms to pounds, multiply your weight in kilograms by 2.2046, and then round the result to the nearest pound.

_____

4. **4. What is your current hair color?**

   If your hair includes multiple colors, please list one.

_____

5. **5. Please select your sex**

   Mark only one oval.

   ◯ Male

   ◯ Female

6. **6. Were you born in the United States of America?**

   Mark only one oval.

   ◯ Yes

   ◯ No

7. **7. Is English your most comfortable language?**

   Mark only one oval.

   ◯ Yes

   ◯ No

8. **8. Which of the following cellular phone services do you currently use?**
Mark only one oval.

- ◯ Verizon
- ◯ AT&T
- ◯ T-Mobile
- ◯ Sprint
- ◯ Another service
- ◯ I do not use a cellular phone service.

9. **9. Which of the following beverages did you drink in the last two weeks?**
Check all that apply.

- ☐ Coffee
- ☐ Tea
- ☐ Energy drinks containing caffeine
- ☐ Soda containing caffeine
- ☐ None of these

10. **10. Are you currently employed?**
Mark only one oval.

- ◯ Yes, full time
- ◯ Yes, part time
- ◯ No

11. **11. Are you a full-time student?**
Mark only one oval.

- ◯ Yes
- ◯ No

12. **12. Which of the following best describes your current course of study?**
Mark only one oval.

- ◯ Undergraduate
- ◯ Masters
- ◯ Doctoral (PhD or MD)
- ◯ Non-degree

13. **13. Which of the following Northeast Ohio attractions have you visited?**
Check all that apply.

- [ ] Cleveland Museum of Art
- [ ] Cleveland Botanical Garden
- [ ] Cleveland Museum of Natural History
- [ ] Great Lakes Science Center
- [ ] Severance Hall (perhaps for a Cleveland Orchestra concert)
- [ ] Blossom Music Center
- [ ] Rock and Roll Hall of Fame
- [ ] Progressive Field (perhaps for a Cleveland Indians game)
- [ ] First Energy Stadium (perhaps for a Cleveland Browns game)
- [ ] Quicken Loans Arena (perhaps for a Cleveland Cavaliers game)
- [ ] Cleveland Metroparks Zoo
- [ ] Other Cleveland Metroparks Locations
- [ ] Playhouse Square
- [ ] West Side Market
- [ ] Lake View Cemetery
- [ ] Edgewater Park
- [ ] Jacobs Pavilion at Nautica
- [ ] Whiskey Island
- [ ] Cedar Point

14. **14. For how many months have you lived in Northeast Ohio?**

_____

15. **15. Consider the ten-year period from 2017 through 2026. For how many years in that period do you expect to live in Northeast Ohio?**
Mark only one oval.

0	1	2	3	4	5	6	7	8	9	10
◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯

16. **16. How would you best describe the environment in which you spent most of your time as a child (before age 18)?**
Mark only one oval.

- ◯ Urban
- ◯ Suburban
- ◯ Rural

17. **17. Which of the following best describes the status of your current place of residence?**
Mark only one oval.

- ◯ I am renting a place to live.
- ◯ I own the place where I live.
- ◯ I am in some other circumstance.

18. **18. What is your favorite kind of exercise to participate in?**
For example: swimming, yoga, weight training, soccer.

_____

19. **19. What is your favorite sport to watch?**

_____

20. **20. What is your current heart rate (in beats per minute)?**
Ideally, assess this after you have been seated for five minutes. If you don't have a device that determines this for you, we prefer you count your pulse rate for 10 seconds and then multiply by six.

_____

In the past week
The next few items ask you to tell us about the last week...

21. **21. Last week, on how many days did you exercise?** *
Mark only one oval.

0	1	2	3	4	5	6	7
◯	◯	◯	◯	◯	◯	◯	◯

22. **22. Last week, how many minutes did you spend walking for exercise?**

_____

23. **23. Last week, how many minutes did you spend on stretching or strengthening exercises (range of motion, weights, etc.)?**

_____

24. **24. Last week, how many minutes did you spend on aerobic exercise (swimming, bicycling, running, rowing, stairs, etc.)**

_____

25. **25. In the last week, how many servings of fruit did you eat?**

_____

26. **26. In the last week, how many servings of vegetables did you eat?**

_____

27. **27. In the last week, how many 8-ounce glasses of water did you consume?**

_____

28. **28. In the last week, how many 8-ounce containers of caffeinated beverages (coffee, tea, soda, energy drink) have you consumed?**

_____

29. **29. In the past week, how many times did you floss your teeth?**

_____

30. **30. In the past week, what percentage of your waking hours were spent sitting?**

_____

Your Sleep

The next few items address your sleep, sleepiness, and sleeping habits.

31. **31. How often do you get drowsy or fall asleep during the daytime, in contrast to just feeling tired?** *

Please answer on a 0-100 scale, where 0 = Never and 100 = At least once per day. This refers to your usual way of life in recent times.

_____

32. **32. In the last two weeks, at what time did you usually go to bed?**

_____

Example: 8:30 AM

33. **33. On a typical night in the last two weeks, how many hours of sleep did you get?**

_____

34. **34. During the past month, how often have you had trouble sleeping?**
Mark only one oval.

○ Not during the past month

○ Less than once per week

○ Once or twice a week

○ Three or more times a week

35. **35. During the past month, how would you rate your sleep quality overall?**
Mark only one oval.

○ Very good

○ Fairly good

○ Fairly bad

○ Very bad

36. **36. In the past two weeks, have you had trouble falling asleep once in bed?**
Mark only one oval.

○ Yes, frequently over the past two weeks

○ Yes, occasionally over the past two weeks

○ No

You and Your Well-Being

37. **37. Please rate your overall physical health** *
Mark only one oval.

○ Excellent

○ Very Good

○ Good

○ Fair

○ Poor

38. **38. For about what percentage of your waking hours do you consider yourself to be in a good mood?**

_____

39. **39. How often do you feel stressed out?**
0 = Never to 100 = Always

_____

40. **40. In the past week, about what percentage of the calories you took in came from a healthy diet?**

_____

41. **41. In the past month, about what percentage of the time did you eat a lunch prepared outside of your home?**

_____

42. **42. In the past 12 months, how many times did you have a common cold or flu-like illness?**

_____

43. **43. Have you gotten a flu shot in 2016?**
Mark only one oval.

◯ Yes

◯ No, but I plan to do so.

◯ No, and I don't plan to do so.

44. **44. Have you ever been in an automobile accident?**
Check any that apply.
Check all that apply.

☐ Yes, as a driver.

☐ Yes, as a passenger

☐ No, I have not.

45. **45. Do you take vitamin supplements on a daily basis?**
Mark only one oval.

◯ Yes

◯ No

46. **46. Do you currently smoke or use tobacco products?**
Mark only one oval.

◯ Yes, I have smoked or used tobacco products in the past month.

◯ No, but I have used tobacco in an earlier part of my life.

◯ No, I have never smoked or used tobacco products.

47. **47. Have you smoked 100 cigarettes or more in your entire life?**
Mark only one oval.

◯ Yes

◯ No

48. **48. Do you have any children?**
Mark only one oval.

◯ Yes

◯ No

49. **49. What is the age of the youngest person with whom you live?**

If you live alone, or if you are the youngest person who lives where you do, list your age.

_____

50. **50. Are you currently in a committed romantic relationship?**

Mark only one oval.

- ( ) Yes
- ( ) No

51. **51. Which of the following best describes your current thoughts about your weight?**

Mark only one oval.

- ( ) I am trying to lose weight.
- ( ) I am not trying to change my weight.
- ( ) I am trying to gain weight.

52. **52. Do you consider yourself to be athletic?**

Mark only one oval.

- ( ) Yes
- ( ) No

53. **53. Did you ever participate in serious competitive (i.e. varsity) sports while in school?**

Mark only one oval.

- ( ) Yes
- ( ) No

54. **54. In the past month, how often did you feel anxious about the future?**

Mark only one oval.

- ( ) Never
- ( ) Occasionally
- ( ) A Moderate Amount
- ( ) A Great Deal
- ( ) All the Time

55. **55. When you do strenuous work or exercise, which of the following best describes your sweating pattern?**

Mark only one oval.

- ( ) I don't sweat much.
- ( ) I sweat a moderate amount.
- ( ) I sweat excessively.

56. **56. I get sick frequently in the cold and flu season.**

0 = Strongly Disagree to 100 = Strongly Agree

_____

57. **57. I like to eat most types of vegetables.**

0 = Strongly Disagree to 100 = Strongly Agree

_____

58. **58. For people like me, getting a flu vaccination every year is essential.**
Mark only one oval.

◯ Yes

◯ No

59. **59. I really love chocolate.**

0 = Strongly Disagree to 100 = Strongly Agree

_____

60. **60. I am extremely satisfied with my life right now.**

0 = Strongly Disagree to 100 = Strongly Agree

_____

61. **61. I usually buy lots of vegetables.**

0 = Strongly Disagree to 100 = Strongly Agree

_____

62. **62. I am very optimistic about the world around me.**

0 = Strongly Disagree to 100 = Strongly Agree

_____

63. **63. Compared to other people my age, I consider myself to be extremely active, physically.**

0 = Strongly Disagree to 100 = Strongly Agree

_____

64. **64. I feel extremely well informed about current events in the world.**

0 = Strongly Disagree to 100 = Strongly Agree

_____

65. **65. I rely heavily on caffeine to get me through the day.**

0 = Strongly Disagree to 100 = Strongly Agree

_____

66. **66. Regular exercise is extremely important to me.**

0 = Strongly Disagree to 100 = Strongly Agree

_____

67. **67. In the past 24 hours, how much time (in minutes) have you spent on social media?**

_____

68. **68. In the past week, how much time (in hours) have you spent watching television, movies, entertainment or sports on a screen?**

Include over-the-air, cable, satellite or internet broadcasts.

_____

69. **69. Please rate your overall well-being (including both your mental and physical health.)**

0 = Poor to 100 = Excellent

_____

(Adapted) Ten-Item Personality Inventory

Here are a number of personality traits that may or may not apply to you. You should rate the extent to which the pair of traits applies to you, even if one characteristic applies more strongly than the other. Specifically, you will tell us the extent to which you agree or disagree with each statement.

70. **70a. I see myself as extroverted and enthusiastic.** *

Mark only one oval.

	1	2	3	4	5	6	7	
Disagree Strongly	○	○	○	○	○	○	○	Agree Strongly

71. **70b. I see myself as critical and quarrelsome.**

Mark only one oval.

	1	2	3	4	5	6	7	
Disagree Strongly	○	○	○	○	○	○	○	Agree Strongly

72. **70c. I see myself as dependable and self-disciplined.**

Mark only one oval.

	1	2	3	4	5	6	7	
Disagree Strongly	○	○	○	○	○	○	○	Agree Strongly

73. **70d. I see myself as anxious and easily upset.**
Mark only one oval.

	1	2	3	4	5	6	7	
Disagree Strongly	○	○	○	○	○	○	○	Agree Strongly

74. **70e. I see myself as open to new experiences and complex.**
Mark only one oval.

	1	2	3	4	5	6	7	
Disagree Strongly	○	○	○	○	○	○	○	Agree Strongly

75. **70f. I see myself as reserved and quiet.**
Mark only one oval.

	1	2	3	4	5	6	7	
Disagree Strongly	○	○	○	○	○	○	○	Agree Strongly

76. **70g. I see myself as sympathetic and warm.**
Mark only one oval.

	1	2	3	4	5	6	7	
Disagree Strongly	○	○	○	○	○	○	○	Agree Strongly

77. **70h. I see myself as disorganized and careless.**
Mark only one oval.

	1	2	3	4	5	6	7	
Disagree Strongly	○	○	○	○	○	○	○	Agree Strongly

78. **70i. I see myself as calm and emotionally stable.**
Mark only one oval.

	1	2	3	4	5	6	7	
Disagree Strongly	○	○	○	○	○	○	○	Agree Strongly

79. **70j. I see myself as conventional and uncreative.**
Mark only one oval.

	1	2	3	4	5	6	7	
Disagree Strongly	○	○	○	○	○	○	○	Agree Strongly

How You Learn, and About 431

Now, we'll ask some questions about 431, coding and how you learn best.

80. **71. Did you have any experience with R prior to taking 431?** *
Mark only one oval.

- ◯ Yes, more than a little
- ◯ Yes, but only a little
- ◯ No

81. **72. Did you have any experience with programming a computer using some language other than R prior to taking 431?**
Mark only one oval.

- ◯ Yes, more than a little
- ◯ Yes, but only a little
- ◯ No

82. **73. How long (in minutes) did it take you to do the most recent 431 Assignment?**

_____

83. **74. How confident are you about your ability to write an excellent academic essay in English?**
Mark only one oval.

	0	1	2	3	4	5	6	7	8	9	10	
Not confident at all	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	Extremely confident

84. **75. How long (in minutes) did it take you to reach the most recent 431 class you attended from wherever you were previously?**

_____

85. **76. Which of the following was the main method of transportation you used to get to the most recent 431 class you attended?**
Mark only one oval.

- ◯ Car
- ◯ Bicycle
- ◯ Motorcycle
- ◯ Walking
- ◯ Public transportation
- ◯ Something else

86. **77. Do you prefer working alone, or in a team?**

Mark only one oval.

	0	1	2	3	4	5	6	7	8	9	10	
Strongly prefer working alone	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	Strongly prefer working in a team

87. **78. A website has a video showing how to make a special graph. There is a person speaking, some lists and words describing what to do and some diagrams. You would learn most from:**

Mark only one oval.

- ◯ Reading the words
- ◯ Watching the actions
- ◯ Listening
- ◯ Seeing the diagrams

88. **79. You have finished a task or test and would like some feedback. How would you most like to receive that feedback?**

Mark only one oval.

- ◯ Using graphs showing what you had achieved
- ◯ Using a written description of your results
- ◯ Using examples from what you have done
- ◯ From somebody who talks it through with you

89. **80. Do you prefer reading things on a screen or on paper?**

Mark only one oval.

	0	1	2	3	4	5	6	7	8	9	10	
Strongly prefer on screen	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	Strongly prefer on paper

90. **81. I am most drawn to websites that have ...**

Mark only one oval.

- ◯ Interesting design and visual features
- ◯ Things I can click on, shift or try
- ◯ Audio channels where I can hear music, radio programs or interviews
- ◯ Interesting written descriptions, lists and explanations

91. **82. Do you wear corrective lenses (contacts or glasses)?**

Mark only one oval.

- ( ) Yes
- ( ) No

92. **83. Did you learn to play a musical instrument as a child (prior to age 18)?**

Mark only one oval.

- ( ) Yes
- ( ) No

93. **84. For your undergraduate education, did you attend a public or private school?**

If you attended more than one type of school, please indicate the one from which you received (or anticipate receiving) your undergraduate degree.
Mark only one oval.

- ( ) A public school.
- ( ) A private school.

94. **85. Rate your satisfaction with what you have learned so far in 431.**

0 = Not at all satisfied to 100 = Extremely satisfied

_____

Politics and Related Matters

95. **86. Did you / will you vote in the U.S. Presidential Election in 2016?** *

Mark only one oval.

- ( ) Yes, I have voted, or intend to do so.
- ( ) Maybe, I haven't made up my mind yet.
- ( ) No, although I am eligible to vote.
- ( ) I am not eligible to vote.

96. **87. Did you vote in the U.S. Presidential Election in 2012?**

Mark only one oval.

- ( ) Yes
- ( ) No

97. **88. Rate your interest in the 2016 U.S. Presidential Election**

(0 = I am not interested at all to 100 = I am extremely interested.)

_____

98. **89. Politically, where do you consider yourself to fall?**

(0 = Extremely Liberal, 100 = Extremely Conservative)

_____

99. **90. Which of the following best describes your opinion about the most likely effects of global climate change over the next 50 to 100 years?**

Mark only one oval.

- ( ) Near catastrophic
- ( ) Moderately dangerous
- ( ) Relatively little danger

100. **91. Do you use energy-efficient light bulbs at home?**

Mark only one oval.

- ( ) Yes, exclusively.
- ( ) Yes, sometimes.
- ( ) No.

101. **92. Which of the following best describes your views on the origin and development of human beings?**

Mark only one oval.

- ( ) Human beings developed over millions of years from less advanced forms of life, but God had no part in this process.
- ( ) Human beings developed over millions of years from less advanced forms of life, but God guided this process.
- ( ) God created human beings pretty much in their present form at one time within the last 10,000 years or so.

102. **93. Global temperatures have increased during the past 100 years.**

Please describe your reaction to this statement on the scale below.
Mark only one oval.

	0	1	2	3	4	5	6	7	8	9	10	
Strongly Disagree	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	Strongly Agree

103. **94. Currently available scientific evidence substantiates that human production of greenhouse gases is the main cause of global warming.**

Please describe your reaction to this statement on the scale below.
Mark only one oval.

	0	1	2	3	4	5	6	7	8	9	10	
Strongly Disagree	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	Strongly Agree

104. **95. Public funding should be used to support nature parks and outdoor green spaces.**

Please describe your reaction to this statement on the scale below.
Mark only one oval.

	0	1	2	3	4	5	6	7	8	9	10	
Strongly Disagree	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	Strongly Agree

105. **96. Compared to other people my age, I consider myself to be extremely active politically.**

Please describe your reaction to this statement on the scale below.
Mark only one oval.

	0	1	2	3	4	5	6	7	8	9	10	
Strongly Disagree	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	◯	Strongly Agree

Additional Items, 1

These are the items added after the initial draft.

106. **97. How many minutes did you spend yesterday preparing and cooking food?** *

_____

107. **98. How many times last week did you eat a meal prepared outside of your home?**

_____

108. **99. For how many seasons did you or have you played high school or college level sports?**

_____

109. **100. How long (in minutes) is your morning commute?**

_____

110. **101. How much did you spend last month on your cellular phone bill (in U.S. $)?**

_____

111. **102. Have you played a musical instrument for more than 15 minutes in the past year?**

Mark only one oval.

◯ Yes

◯ No

112. **103. Which of these tastes do you particularly enjoy?**
Check all that apply.
Check all that apply.

- [ ] Sweet
- [ ] Spicy
- [ ] Sour
- [ ] Salty
- [ ] Bitter
- [ ] Savory / Umami

113. **104. Which of the following best describes your regular diet?**
Mark only one oval.

- ( ) Vegan
- ( ) Vegetarian
- ( ) Non-vegetarian (I eat meat.)
- ( ) Something else

114. **105. Which of the following is your favorite Cleveland sports team?**
Mark only one oval.

- ( ) Cleveland Browns
- ( ) Cleveland Cavaliers
- ( ) Cleveland Indians
- ( ) Cleveland Monsters
- ( ) None of the above.

115. **106. What is your blood type?**
Mark only one oval.

- ( ) Type A
- ( ) Type B
- ( ) Type AB
- ( ) Type O
- ( ) I am not sure.

Additional Items, 2

Each of the following items contains a statement. Please react to that statement on a 0-100 scale, where 0 = STRONGLY DISAGREE and 100 = STRONGLY AGREE.

116. **107. I am extremely fearful when I am giving a talk in front of an audience. ***
0 = Strongly Disagree to 100 = Strongly Agree

_____

117. **108. Sources that ARE in line with my political beliefs provide political news and information that is extremely trustworthy and accurate.**

0 = Strongly Disagree to 100 = Strongly Agree

118. **109. Sources that ARE NOT in line with my political beliefs provide political news and information that is extremely trustworthy and accurate.**

0 = Strongly Disagree to 100 = Strongly Agree

119. **110. Voting in elections is a vitally important civic responsibility.**

0 = Strongly Disagree to 100 = Strongly Agree

120. **111. Rooting for (one or more) Cleveland sports teams is extremely important to me.**

0 = Strongly Disagree to 100 = Strongly Agree

121. **112. On economic issues, I consider myself to be extremely conservative.**

0 = Strongly Disagree to 100 = Strongly Agree

122. **113. On social issues, I consider myself to be extremely conservative.**

0 = Strongly Disagree to 100 = Strongly Agree

123. **114. When writing an academic research paper, it is extremely difficult for me to use the internet to find relevant information.**

0 = Strongly Disagree to 100 = Strongly Agree

124. **115. When writing an academic research paper, it is extremely difficult for me to use a library to find relevant information.**

0 = Strongly Disagree to 100 = Strongly Agree

125. **116. When writing an academic research paper, it is extremely difficult for me to construct and present appropriate citations.**

0 = Strongly Disagree to 100 = Strongly Agree

126. **117. I am extremely worried about the debt I will have after I complete my studies.**

0 = Strongly Disagree to 100 = Strongly Agree

127. **118. I expect to receive a large annual salary once I complete my studies.**

0 = Strongly Disagree to 100 = Strongly Agree

128. **119. Forces outside of my control mainly determine what happens in my life.**

0 = Strongly Disagree to 100 = Strongly Agree

129. **120. I am never in close contact with young children.**

0 = Strongly Disagree to 100 = Strongly Agree

130. **121. The flu (influenza) is an extremely serious condition for children.**

0 = Strongly Disagree to 100 = Strongly Agree

131. **122. I enjoy cooking / preparing meals.**

0 = Strongly Disagree to 100 = Strongly Agree

Just one question left.

132. **Please type in your name. ***

Your name and all other identifying information will be removed from the Survey before data cleaning and analytic work commences.