

Recommended Open Educational Resources for Community College Statistics Courses

myOpenMath – 146 Introductory Statistics: OpenStax/Watts,
<https://www.myopenmath.com/course/course.php?cid=3177&folder=0>

This course contains a very complete and rigorous textbook that is easy to follow. I like that there are some applets that are included to get students started with technology in a very low-stakes way. However, most of the time, students are referred to Excel or the TI-84 for technology use. I feel that both of these have a high learning curve and the TI-84 is quite expensive (about \$130). Students will have access to Excel from their school accounts, so I will be using Excel, but am thinking about supplementing with StatCrunch which is a Pearson product. (See information on StatCrunch below).

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myOpenMath – 146 Statistics Using Technology,
<https://www.myopenmath.com/course/course.php?cid=5783&folder=0#>

I really like how this course is organized. It is exactly how I like to teach MATH 1025 at Century. However, the text is terse and may be harder for some of our students to parse. Additionally, the course uses the program R. R is completely open source and is routinely used in industry and in academia. However, the learning curve is quite high. I would really like to use it, but I need to look for or create some good resources that work for our students. One plus to this course is that it is currently used by at least two community colleges. It is likely that the faculty at those schools will be a good resource for me as I adapt these materials to my course.

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StatCrunch, <https://www.pearson.com/us/higher-education/product/West-stat-Crunch-Standalone-Access-Card-6-month-access/9780321621122.html>

This product is not open source, but it is low cost. StatCrunch is a Pearson publishing product. Students would purchase an access code card (ISBN-13: 9780321621122). The online purchase price is \$17.32. This is much more accessible than the TI-84 calculator in terms of price. I am considering using this technology as it is easy to learn and inexpensive. I am familiar with the interface and already have materials for students on using the product. The drawback is that StatCrunch is not used outside of the classroom. Excel may be a better tool insofar as it is used in many workplace spheres and using Excel is a skill that students will find useful whether or not they use it for statistics per se.