

Links to Chemistry and Math Resources

Links to helpful resources for further study, practice, and supplemental information regarding Chemistry, Math, Nursing Calculations, TEAS, PRAXIS/CORE, and PAPA courses or exams.

Additional instructional videos can be found on the “Tutoring and Support Resources” page of myCedarCrest. Users will need to sign in to Microsoft (college email) account.

Mathematics

Math Resources for all math courses:

- Khan Academy
 - <https://www.khanacademy.org/math>
- The Organic Chemistry Tutor (precalc, calc, algebra, etc.)
 - <https://www.youtube.com/channel/UCEWpbFLzoYGPfuWUMFPSaoA>
- Practice Problems and Worksheets for Algebra, Calculus I, and Calculus II
 - <http://tutorial.math.lamar.edu/>

Chemistry

Chemistry Resources for all chemistry courses:

- Crash Course Chemistry (YouTube)
 - Link: <https://www.youtube.com/playlist?list=PL8dPuuaLjXtPHzzYuWy6fYEaX9mQQ8oGr>
- Khan Academy
 - Link: <https://www.khanacademy.org/>
- The Organic Chemistry Tutor (YouTube)
 - Link: <https://www.youtube.com/channel/UCEWpbFLzoYGPfuWUMFPSaoA>
- UC Berkeley Video Lectures
 - <http://echem1a.cchem.berkeley.edu/>
- Mastering Organic Chemistry
 - <https://www.masterorganicchemistry.com/getting-started/>

PRAXIS-CORE and PAPA

PAPA (math)

- Practice test (free)
 - https://www.pa.nesinc.com/Content/docs/PECT_PT_01_02_03_PAPA.pdf
 - <https://education.ilab.org/solquiz/>
- Test Information
 - http://www.pa.nesinc.com/TestView.aspx?f=HTML_FRAG/PA001_PrepMaterials.html
- Math review sites:

- (Khan Academy) <https://www.khanacademy.org/>
- (Lamar University) <http://tutorial.math.lamar.edu/>

PRAXIS-CORE (math)

- Practice and Test Information
 - <https://www.ets.org/s/praxis/pdf/5732.pdf>
 - https://www.ets.org/s/praxis/pdf/khan_academy.pdf (useful topics to review via Khan Academy; see “Math review sites”)
 - <https://education.ilab.org/solquiz/>
- Math review sites:
 - (Khan Academy) <https://www.khanacademy.org/>
 - (Lamar University) <http://tutorial.math.lamar.edu/>

Pre-Nursing / Nursing

TEAS

- Test information and tips:
 - <https://atitesting.com/teas-exam.aspx>
 - <https://www.kaptest.com/study/teas/10-tips-to-ace-teas/>
- Sample practice tests:
 - <https://www.kaptest.com/teas/free/teas-practice> (a few practice questions for each section)
 - <https://www.mometrix.com/academy/teas-practice-test/>
 - <https://education.ilab.org/solquiz/>
- ATI Study Guide
 - Available at the Cressman Library Reserve Desk (378.1662 A872t)
- McGraw-Hill’s 5 TEAS Practice Tests
 - Available at the Cressman Library Reserve Desk (610.73076 Z19f)
- ATI TEAS Version 6 Study Guide
 - Available at the Cressman Library Reserve Desk (610.73 A169at)

NUR Medication Calculations

- Review and Practice Resources
 - <http://www.uky.edu/Classes/NUR/863/practicetest.htm>
 - <https://www.nr.edu/nursing/pdf/studyguide.pdf>
 - Calculation of Drug Dosages: A Work Text
 - Available at the Cressman Library Reserve Desk (615.1 O34c)
 - Calculate with Confidence (MAT107 text)
 - Available at Cressman Library (615.4 M875C)
 - Clinical Calculations: With Applications to General and Specialty Areas
 - Available at Cressman Library (615.14 K26C)

- Dimensional Analysis Practice (Khan Academy)
 - <https://www.khanacademy.org/math/algebra/units-in-modeling/rate-conversion/v/dimensional-analysis-units-algebraically>