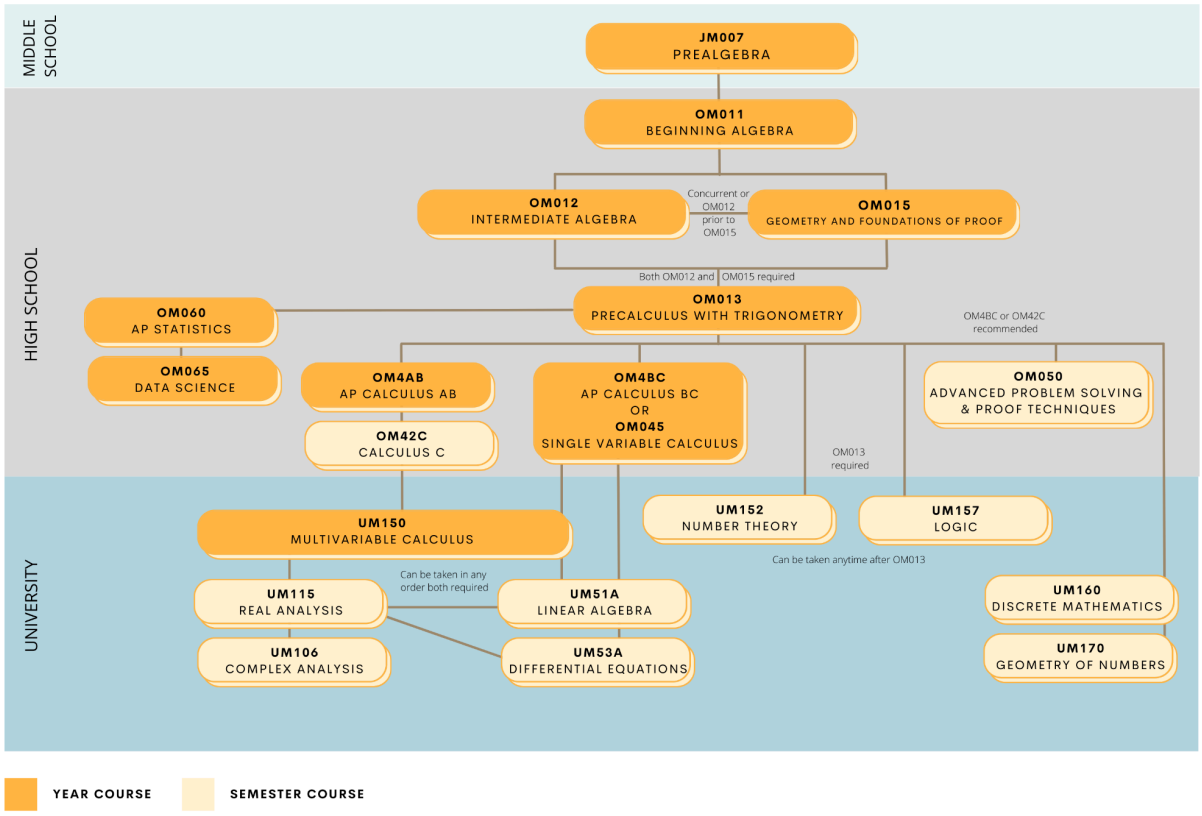

Curtesy of the above figure:
https://onlinehighschool.stanford.edu/courses/2022/school-year/om013

Topics:

- Geometry formulas we expect students to know:
    - o Area of a circle, rectangle, and triangle
    - o Circumference of a circle
    - o Perimeter of a rectangle
    - o Volume of a rectangular box and cylinder
    - o Surface area of a box
- All forms of a linear equation and quadratic equation
- Pythagorean Theorem
- Quadratic formula
- Unit circle definitions and triangle definitions of the trigonometric functions
- Exact simplified trigonometric values of the special angles
- Reciprocal trigonometric identities
- Period of sine, cosine, and tangent
- Restrictions when working with arcsine, arccosine, and arctangent
- General exponential form and natural exponential form

- Properties of logarithms
- Reading and understanding limit notation
    - o Interpret and evaluate left, right, and two-sided limit notation
    - o Evaluate limit from a graph
    - o Evaluate limits based on characteristics of the graph, model, or equation (end behavior, asymptotes, holes)

U of A 120R
https://calculus.math.arizona.edu/math120r

UW 120
https://sites.math.washington.edu//~m120/

MAA
https://www.maa.org/press/maa-reviews/precalculus-an-investigation-of-functions
http://www.opentextbookstore.com/precalc/

Apex
https://github.com/agivler/APEX_precalc
http://www.apexcalculus.com/other-texts

UM
https://prep.math.lsa.umich.edu/cgi-bin/pmc/crindex

CUNY
http://websupport1.citytech.cuny.edu/faculty/ttradler/precalculus.html

OU
https://www.ohio.edu/cas/sites/ohio.edu.cas/files/sites/cas/documents/OpenStaxPrecalculus.pdf

Mason OER
https://oer.deepwebaccess.com/oer/desktop/en/results.html

Opentextbook store
http://www.opentextbookstore.com/catalog.php

OER commons
https://oercommons.org/curated-collections/382?f.search=precalculus

Libretexts
https://math.libretexts.org/Bookshelves

AIM
https://aimath.org/textbooks/approved-textbooks/

Textbooks by Katherine and Bruce Yoshiwara
https://yoshiwarabooks.org/
https://yoshiwarabooks.org/mfg/frontmatter.html

STITZ ZEAGER OPEN SOURCE MATHEMATICS
(LaTex) https://stitz-zeager.com/latex-source-code.html
https://math.libretexts.org/Bookshelves/Precalculus/Precalculus_(Stitz-Zeager)
https://www.stitz-zeager.com/
https://www.youtube.com/@just_a_carl/videos
https://www.stitz-zeager.com/szprecalculus07042013.pdf

Precalculus - Mathematics for Calculus, Stewart, Redlin and Watson
https://irp-cdn.multiscreensite.com/721e955d/files/uploaded/ebooksclub.org__Precalculus__Enhanced_WebAssign_Edition__with_Mathematics_and_Science_Printed_Access_Card_and_Start_Smart_.pdf

Larson
https://www.spps.org/cms/lib010/MN01910242/Centricity/Domain/6062/PreCalculus%20Text.pdf

Khan
https://www.khanacademy.org/math/precalculus

Ilearnacademy
https://www.ilearnacademy.net/uploads/3/9/2/2/3922443/precalculus__edition_5f.pdf

OpenStax
https://lib.alfaisal.edu/pdf/Precalculus-LR.pdf

On Github
https://github.com/topics/precalculus

Others
http://www.freetextbooklist.com/mathematics/precalculus/
http://mathmamawrites.blogspot.com/2012/08/open-source-textbooks-for-calculus-and.html
http://www.apexcalculus.com/other-texts
https://math.stackexchange.com/questions/23740/which-books-for-refreshing-high-school-algebra
https://math.stackexchange.com/questions/264591/what-is-the-best-book-for-pre-calculus
https://guides.libraries.psu.edu/math/articles

D2L Consulting:
https://help.d2l.arizona.edu/content/instructors-getting-started

A link for editing office hours:
https://www.math.arizona.edu/support/kb/resources/index.php?pg=kb.page&id=541