Mathematica at CCSU

Mathematica is a symbolic mathematical computation program, sometimes called a computer algebra program, used in many scientific, engineering, mathematical, and computing fields.

CCSU has an unlimited license for Mathematica. It is currently installed in all computer labs and classrooms on campus. It can be installed on faculty and staff office machines. ??? It is also available for home use for faculty, staff, and students – see instructions below.

- **Campus machines**
- **Faculty and staff personally owned machines**
  Fill out this form to request a home-use license from Wolfram.
- **Student personally owned machines**
  Follow the directions below to download from the Wolfram User Portal.

  1. Create an account *(New users only)*:
     a. Go to user.wolfram.com and click "Create Account"
     b. Fill out form using a @my.ccsu.edu email, and click "Create Wolfram ID"
     c. Check your email and click the link to validate your Wolfram ID
  2. Request the download and key:
     a. Fill out this form to request an Activation Key
     b. Click the "Product Summary page" link to access your license
     c. Click "Get Downloads" and select "Download" next to your platform
     d. Run the installer on your machine, and enter Activation Key at prompt

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Mathematica Tutorials

The first two tutorials are excellent for new users, and can be assigned to students as homework to learn *Mathematica* outside of class time.

Hands-on Start to Mathematica

Follow along in *Mathematica* as you watch this multi-part screencast that teaches you the basics—how to create your first notebook, calculations, visualizations, interactive examples, and more.

Hands-on Start to Wolfram Mathematica and Programming with the Wolfram Language (book)

Learn Mathematica at your own pace from authors with 50+ years of combined Mathematica experience—with hands-on examples, end-of-chapter exercises, and authors' tips that introduce you to the breadth of Mathematica with a focus on ease of use.

What's New in Mathematica 10

Provides examples to help you get started with new functionality in *Mathematica* 10, including machine learning, computational geometry, geographic computation, and device connectivity.

How to Topics

Access step-by-step instructions ranging from how to create animations to basic syntax information.

Learning Center

Search Wolfram's large collection of materials for example calculations or tutorials in your field of interest.

Teaching with *Mathematica*

Mathematica offers an interactive classroom experience that helps students explore and grasp concepts, plus gives faculty the tools they need to easily create supporting course materials, assignments, and presentations.

Resources for educators

Mathematica for Teaching and Education—**Free video course**
Learn how to make your classroom dynamic with interactive models, explore computation and visualization capabilities in *Mathematica* that make it useful for teaching practically any subject at any level, and get best-practice suggestions for course integration.

How To Create a Lecture Slideshow—**Video tutorial**
Learn how to create a slideshow for class that shows a mixture of graphics, calculations, and nicely formatted text, with live calculations or animations.

Wolfram Demonstrations Project
Download pre-built, open-code examples from a daily-growing collection of interactive visualizations, spanning a remarkable range of topics.

Wolfram Training Education Courses
Access on-demand and live courses on *Mathematica*, *SystemModeler*, and other Wolfram technologies.