Are you ready for Arch 150 next term? Here's what you'll need - no exceptions!

1. **A laptop with AutoCAD Architecture 2010 fully installed and operating every day of class, including the first day**. Details on how to do this will follow this slide.
2. **A two-button (minimum) mouse with scroll wheel.** This *must* be brought with you to every class – you are not permitted to use your track pad in Arch 150.
3. **We have limited access to plugs in the classroom.** Be sure to bring your laptop to class with a fully charged battery. If you have a spare power strip with multiple plugs, please bring that as well – this will ensure you have a place to plug in (and you can share it with your classmates!)
4. **Network connection to Dragonfly3** as well as knowledge of how to turn your connection on and off. If your wireless doesn't work, have an ethernet cable available.

Prep for Arch 150

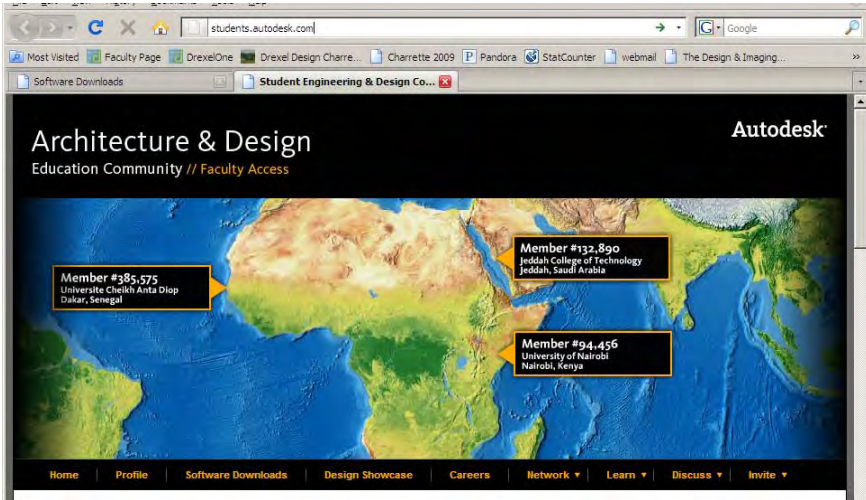
We will begin using AutoCAD on the first day of class. There will not be time to install it during class, so you must come prepared – *no exceptions*. This tutorial will walk you through the steps.

Downloading and Installing AutoCAD is a multi-step process.
While you are downloading the software, you must be connected to the internet with a reliable connection to ensure there are no disruptions.

To begin, access the Autodesk website and create an account – this will enable you to access free software as a student. While we will just be using **AutoCAD Architecture 2010 from Autodesk** in Arch 150 this term, you are welcome to explore the other available software.

Visit the Autodesk website to get started:www.students.autodesk.com

Set up an account, and Navigate to the ”Software Downloads” section of the website.



Software Downloads - Mozilla Firefox

File Edit View History Bookmarks Tools Help

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Architecture & Design

Education Community // Faculty Access

Autodesk

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Search people, jobs, discussions Search

1,136,536 Current Members Logout

Select "Software Downloads."

Product Downloads

(1 - 27 of 27)

Recommended for You

Autodesk Revit Architecture

Visit Our Support Center

http://students.autodesk.com/?nd=m_downloads | Philadelphia: 11:49 am Thursday, Feb 18th, 2010 | Now: Cloudy, 38 °F | Thu: 41 °F | Fri: 40 °F

Software Downloads - Mozilla Firefox

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Recommended for You

- View all products
- Autodesk Revit Architecture
- Autodesk Revit Structure
- AutoCAD Revit MEP Suite
- AutoCAD MEP
- Autodesk Ecotect Analysis
- AutoCAD Raster Design
- ~~AutoCAD~~
- Autodesk Impression
- Autodesk Maya
- Autodesk 3ds Max
- Autodesk Navisworks Manage

Other Products

- AutoCAD Architecture
- ~~AutoCAD Civil 3D~~
- AutoCAD Electrical
- AutoCAD Map 3D

(1 - 27 of 27)

Autodesk Revit Architecture

Purpose-built for building information modeling (BIM), Autodesk® Revit® Architecture software helps you capture and analyze early design concepts, and more accurately maintain your vision through design, documentation, and construction.

System Requirements

Educational System Requirements:
For Revit Architecture 2009 the minimum system requirements are 1GB of RAM and the recommended requirements are 3GB of RAM.

Revit Architecture Support Center

Choose your version:
Select your version...

Autodesk Revit Structure

Autodesk® Revit® Structure software offers building information modeling (BIM) to structural engineering firms, delivering more efficient and more accurate design and documentation, helping to improve multidiscipline coordination, and incorporating structural analysis and design.

System Requirements

Revit Structure Extensions

Choose your version:
Select your version...

AutoCAD Revit MEP Suite

Autodesk® Revit® MEP is an intuitive design tool that helps you think like an engineer. Minimize coordination errors between mechanical, electrical and plumbing (MEP) engineering teams using building information modeling (BIM).

Visit Our Support Center

Important Note

Choose your language:
English

Important Note: The Autodesk Student Version software incorporates all the functionality of our professional licenses, but includes a print banner making the software inappropriate for professional, commercial, or for-profit purposes. Autodesk Student Version software may not be used in the classroom or lab for instructional purposes, or for commercial or for-profit purposes. Annual licenses of Autodesk student software are not eligible for product upgrade or transfer to a commercial license. View print banner sample.
View print banner sample.

Scroll down on the left to "AutoCAD Architecture." Do not get confused and download basic AutoCAD accidentally!

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Software Downloads - Mozilla Firefox

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Search people, jobs, discussions... Search

Product Downloads

Recommended for You

- View all products
- Autodesk Revit Architecture
- Autodesk Revit Structure
- AutoCAD Revit MEP Suite
- AutoCAD MEP
- Autodesk Ecotect Analysis
- AutoCAD Raster Design
- AutoCAD
- Autodesk Impression
- Autodesk Maya
- Autodesk 3ds Max
- Autodesk Navisworks Manage

Other Products

Select AutoCAD Architecture 2010 32-bit or 64-bit, depending upon your operating system.

(1 - 1 of 1)

AutoCAD Architecture

AutoCAD® Architecture software, the version of AutoCAD® software created for architects, supports a faster way of working. Purpose-built features for architectural design and drafting help you create construction documents more efficiently within the familiar AutoCAD environment.

System Requirements

Choose your version:

Select your version...

- Select your version...
- AutoCAD Architecture 2010 (English) 32-Bit
- AutoCAD Architecture 2010 (English) 64-Bit
- AutoCAD Architecture 2010 (Spanish) 32-Bit
- AutoCAD Architecture 2010 (Spanish) 64-Bit
- AutoCAD Architecture 2009 (English) 32-Bit
- AutoCAD Architecture 2009 (English) 64-Bit
- AutoCAD Architecture 2009 (French) 32-Bit
- AutoCAD Architecture 2009 (French) 64-Bit
- AutoCAD Architecture 2009 (Spanish) 32-Bit
- AutoCAD Architecture 2009 (Spanish) 64-Bit

Not sure if you have a 32-bit or 64-bit operating system?

Go to the next slide to find out how to check.

Additional Resources

- AutoCAD Architecture Features

Done

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To determine whether your operating system is 32-bit or 64-bit, follow these methods:

Windows Vista

Method 1
Click Start, then click on Run or Start Search.
Type msinfo32.exe and then press Enter key.
In "System Information", review the value for the System Type item:
For 32-bit editions of Windows, the value of the System Type item is x86-based PC.
For 64-bit editions of Windows, the value of the System Type item is x64-based PC.

Method 2
Click Start, type system in the "Start Search" box, and then click system in the "Programs" list.
The operating system appears as follows:
For a 64-bit version operating system: 64-bit Operating System appears for the "System type" under "System".
For a 32-bit version operating system: 32-bit Operating System appears for the "System type" under "System".

Method 3
Click Start, type system in the "Start Search" box, and then click System Information in the "Programs" list.
The operating system appears as follows:
For a 64-bit version operating system: x64-based PC appears for the "System type" under "Item".
For a 32-bit version operating system: x86-based PC appears for the "System type" under "Item".

Microsoft Windows XP Professional

Method 1
Click Start, then click on Run or Start Search.
Type msinfo32.exe and then press Enter key.
In "System Information", review the value for the System Type item:
For 32-bit editions of Windows, the value of the System Type item is x86-based PC.
For 64-bit editions of Windows, the value of the System Type item is x64-based PC.

Method 2
Click Start, click Run, type sysdm.cpl, and then click OK.
Click the General tab. The operating system appears as follows:
For a 64-bit version operating system: Microsoft Windows XP Professional x64 Edition Version <Year> appears under System.
For a 32-bit version operating system: Microsoft Windows XP Professional Version <Year> appears under System.
Note <Year> is a placeholder for a year.

Method 3
Click Start, click Run, type winmsd.exe, and then click OK.
In the details pane, locate Processor under Item. Note the value.
If the value that corresponds to Processor starts with x86, the computer is running a 32-bit version of the Windows operating system.
If the value that corresponds to Processor starts with ia64 or AMD64, the computer is running a 64-bit version of the Windows operating system.

Software Downloads - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://students.autodesk.com/?nd=m_downloads&product_id=8998&product_id=

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Recommended for You

- View all products
- Autodesk Revit Architecture
- Autodesk Revit Structure
- AutoCAD Revit MEP Suite
- AutoCAD MEP
- Autodesk Ecotect Analysis
- AutoCAD Raster Design
- AutoCAD
- Autodesk Impression
- Autodesk Maya
- Autodesk 3ds Max
- Autodesk Navisworks Manage

Other Products

- AutoCAD Architecture
- AutoCAD Civil 3D
- AutoCAD Electrical
- AutoCAD Map 3D
- AutoCAD Mechanical
- AutoCAD P and ID

AutoCAD Architecture 2010 (English) 32-Bit

We hope you enjoy your free copy of AutoCAD® Architecture. Did you know that using Revit® Architecture you can master design, better communicate design intent, and explore analysis while building skills for a sustainable future? Revit Architecture is BIM (Building Information Modeling) software that creates an intuitive design process that mirrors the real world of architecture. It'll teach you to think the way professional architects and designers think about building, helping you to prepare for professional practice. Check it out!

Download the software

Download | Get Serial

AutoCAD® Architecture software, the version of AutoCAD® software created for architects, supports a faster way of working. Purpose-built features for architectural design and drafting help you create construction documents more efficiently within the familiar AutoCAD environment.

System Requirements

Go Back

Have a Question?

- Find Others at Your University who Downloaded AutoCAD Architecture
- Student's Guide to Getting Started with AutoCAD Architecture
- Ask a Question

Learning & Using AutoCAD Architecture

- Take an Interactive Training Course Online
- AutoCAD Architecture Tutorials
- AutoCAD Architecture User's Guide

Additional Resources

Opening installer.exe

You have chosen to open

installer.exe

which is a: Application

from: https://client.akamai.com

Would you like to save this file?

Save File | Cancel

installer.exe

http://students.autodesk.com/?nd=m_download... | Philadelphia: 11:52 am Thursday, Feb 18th, 2010 | Now: Cloudy, 38 °F | Thu: 41 °F | Fri: 40 °F

Software Downloads - Mozilla Firefox

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Recommended for You

Other Products

Additional Resources

Autodesk Revit Structure

Building information modeling (BIM) for structural engi

Note that you will have to create a new UserID and Password to activate your software. You will be prompted for this at the completion of software installation.

A few important notes about our free software:

- Before you download the software, check the file sizes and your system and bandwidth limitations. Download time will vary based on file size and your Internet connection speed.
- After you have downloaded the software, you will need to activate it with Autodesk using your unique serial number obtained by clicking on the "Download" or "Get Serial" buttons under each product. If you do not activate your software, it will operate as a standard 30-day trial version and time-out after 30 days. Once activated using your Autodesk Student Engineering & Design Community serial number, you will have a 13-month license to use the software.
- Important! The Autodesk Product Registration and Activation process brings you to a web page that prompts you for a User ID and password. The Autodesk Product Registration and Activation site uses a different login mechanism than the login system used for the Student Community site. Therefore you will need to create a new User ID and Password to complete the registration process to obtain a product activation code.
- The software license is for a single-seat or single-user. It cannot be set up on a network.
- Autodesk serial numbers are issued based on country. You will be issued a serial number based on the country location of your school.

Done | Philadelphia: 11:53 am Thursday, Feb 18th, 2010 | Now: Cloudy, 38 °F | Thu: 41 °F | Fri: 40 °F

Software Downloads - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://students.autodesk.com/?nd=m_downloads&product_id=8998&product_id=

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- Autodesk Revit Structure
- AutoCAD Revit MEP Suite
- AutoCAD MEP
- Autodesk Ecotect Analysis
- AutoCAD Raster Design
- AutoCAD
- Autodesk Impression
- Autodesk Maya
- Autodesk 3ds Max
- Autodesk Navisworks Manage

Other Products

- AutoCAD Architecture
- AutoCAD Civil 3D
- AutoCAD Electrical
- AutoCAD Map 3D
- AutoCAD Mechanical
- AutoCAD P and ID

AutoCAD Architecture 2010 (English) 32-Bit

We hope you enjoy your free copy of AutoCAD® Architecture. Did you know that using Revit® Architecture you can master design, better communicate design intent, and explore analysis while building skills for a sustainable future? Revit Architecture is BIM (Building Information Modeling) software that creates an intuitive design process that mirrors the real world of architecture. It'll teach you to think the way professional architects and designers think about building, helping you to prepare for professional practice. Check it out!

Your serial number details:

AutoCAD Architecture
Serial Number: [redacted]
Product Key: [redacted]
Requirements: MicrosoftA® WindowsÂ® XP (SP2 or later) or 32-bit versions of Vistaâ„¢ operating system

Click "run" or "open" to start the installer.
Don't see the installer? Try reopening it.

Get Serial

AutoCAD® Architecture software, the version of AutoCAD® software created for architects, supports a faster way of working. Purpose built features for

Have a Question?

- Find Others at Your University who Downloaded AutoCAD Architecture
- Student's Guide to Getting Started with AutoCAD Architecture
- Ask a Question

Learning & Using AutoCAD Architecture

- Take an Interactive Training Course Online
- AutoCAD Architecture Tutorials
- AutoCAD Architecture User's Guide

Additional Resources

- AutoCAD Architecture Features
- AutoCAD Architecture Resource Center
- AutoCAD Architecture How-tos
- AutoCAD Architecture Webcasts
- AutoCAD Architecture Skill Builders
- AutoCAD Architecture White Papers

Make note of your Serial Number and Product Key, you'll need this info for software installation.

Done | Philadelphia: 11:53 am Thursday, Feb 18th, 2010 | Now: Cloudy, 38 °F | Thu: 41 °F | Fri: 40 °F

Software Downloads - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://students.autodesk.com/?nd=m_downloads&product_id=8998&product_id=

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- AutoCAD
- Autodesk Impression
- Autodesk Maya
- Autodesk 3ds Max
- Autodesk Navisworks Manage

Other Products

AutoCAD Architecture 2010 (English) 32-Bit

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Your serial number details:

AutoCAD Architecture
Serial Number: 352-21998514
Product Key: 185B1
Requirements: MicrosoftÂ® WindowsÂ® XP (SP2 or later) or 32-bit versio
Vistaâ„¢ operating system

Downloading AutoCAD Architecture 2010 (English) 32-Bit (1 of 1)

3 minutes remaining.

Automatically close when complete

Get Serial

AutoCAD® Architecture software, the version of AutoCAD® software for architects, supports a faster way of working. Purpose-built features

Have a Question?

- Find Others at Your University who Downloaded AutoCAD Architecture
- Student's Guide to Getting Started with AutoCAD Architecture

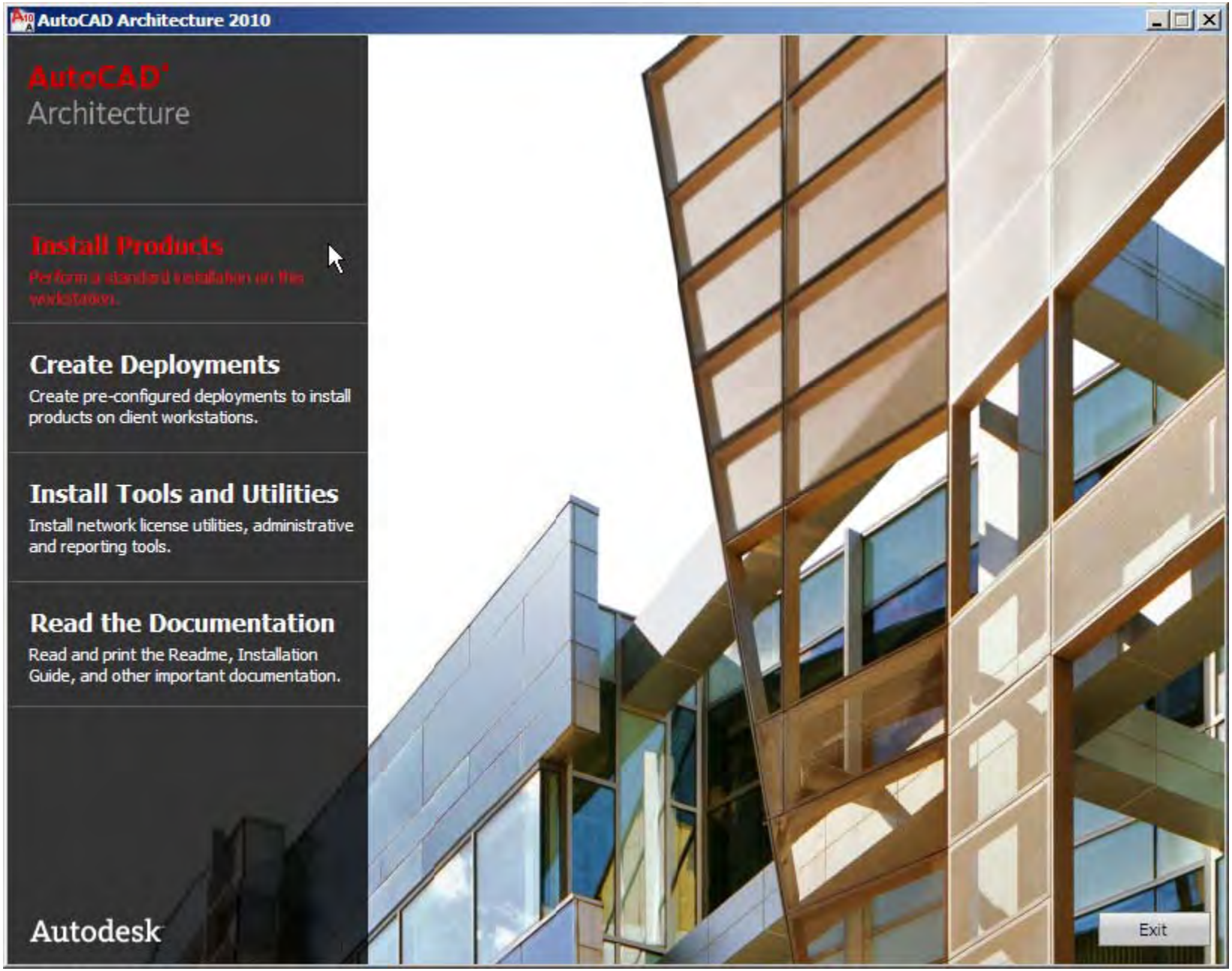
Following this step, the software installer will be placed onto your computer. This will take a few minutes.

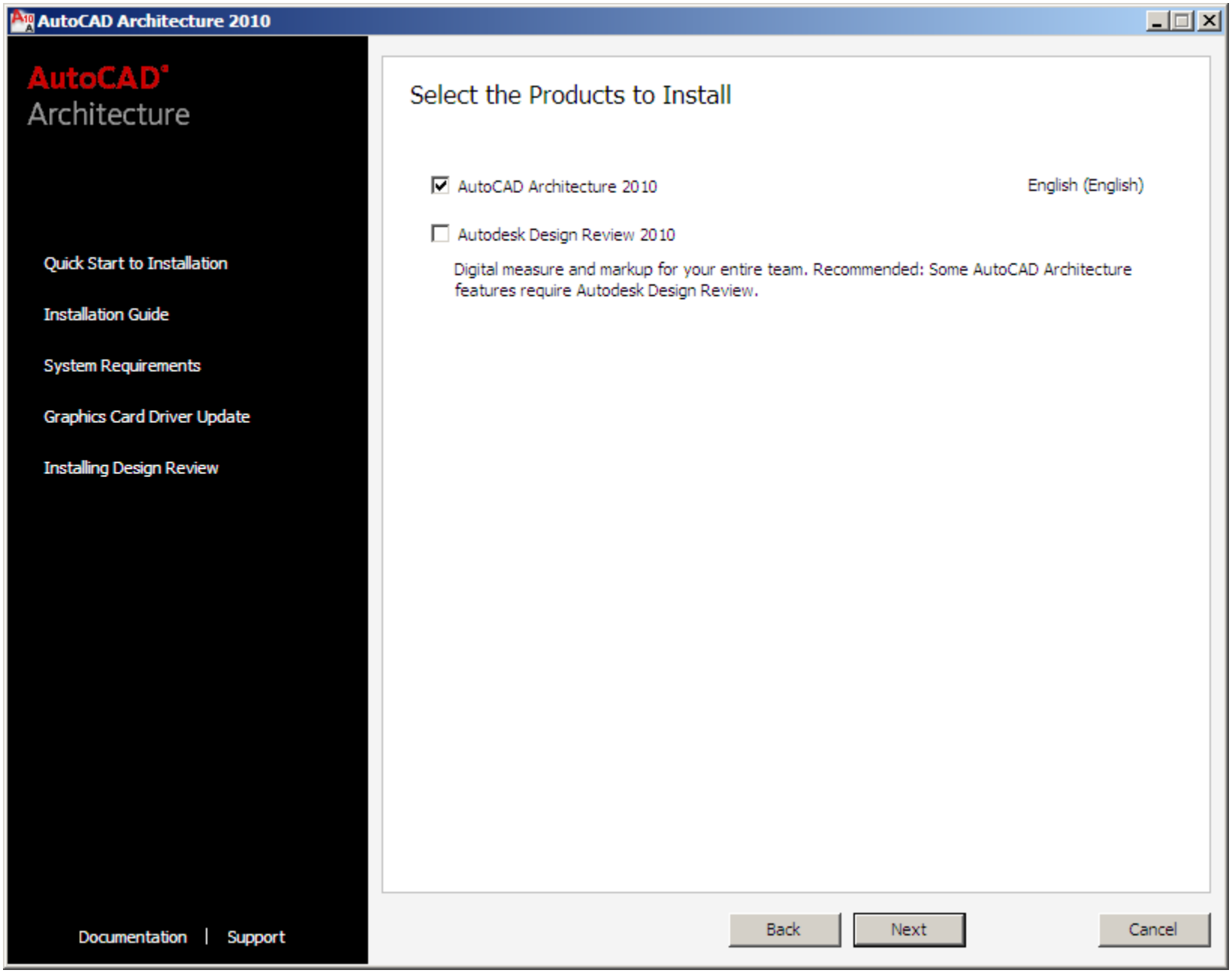
You'll be prompted to run the installation program. If this doesn't happen automatically, you can find the installer files:

Local Disk C > Autodesk > AutoCAD_Architecture_2010 > setup

Transferring data from 12...

Philadelphia: 11:55 am Thursday, Feb 18th, 2010


AutoCAD Architecture 2010
AutoCAD®
Architecture
Install Products
Perform a standard installation on this workstation.
Create Deployments
Create pre-configured deployments to install products on client workstations.
Install Tools and Utilities
Install network license utilities, administrative and reporting tools.
Read the Documentation
Read and print the Readme, Installation Guide, and other important documentation.
Autodesk
Exit


AutoCAD Architecture 2010
AutoCAD®
Architecture
Quick Start to Installation
Installation Guide
System Requirements
Graphics Card Driver Update
Installing Design Review
Documentation | Support
Select the Products to Install
AutoCAD Architecture 2010
English (English)
Autodesk Design Review 2010
Digital measure and markup for your entire team. Recommended: Some AutoCAD Architecture features require Autodesk Design Review.
Back
Next
Cancel

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AutoCAD®
Architecture
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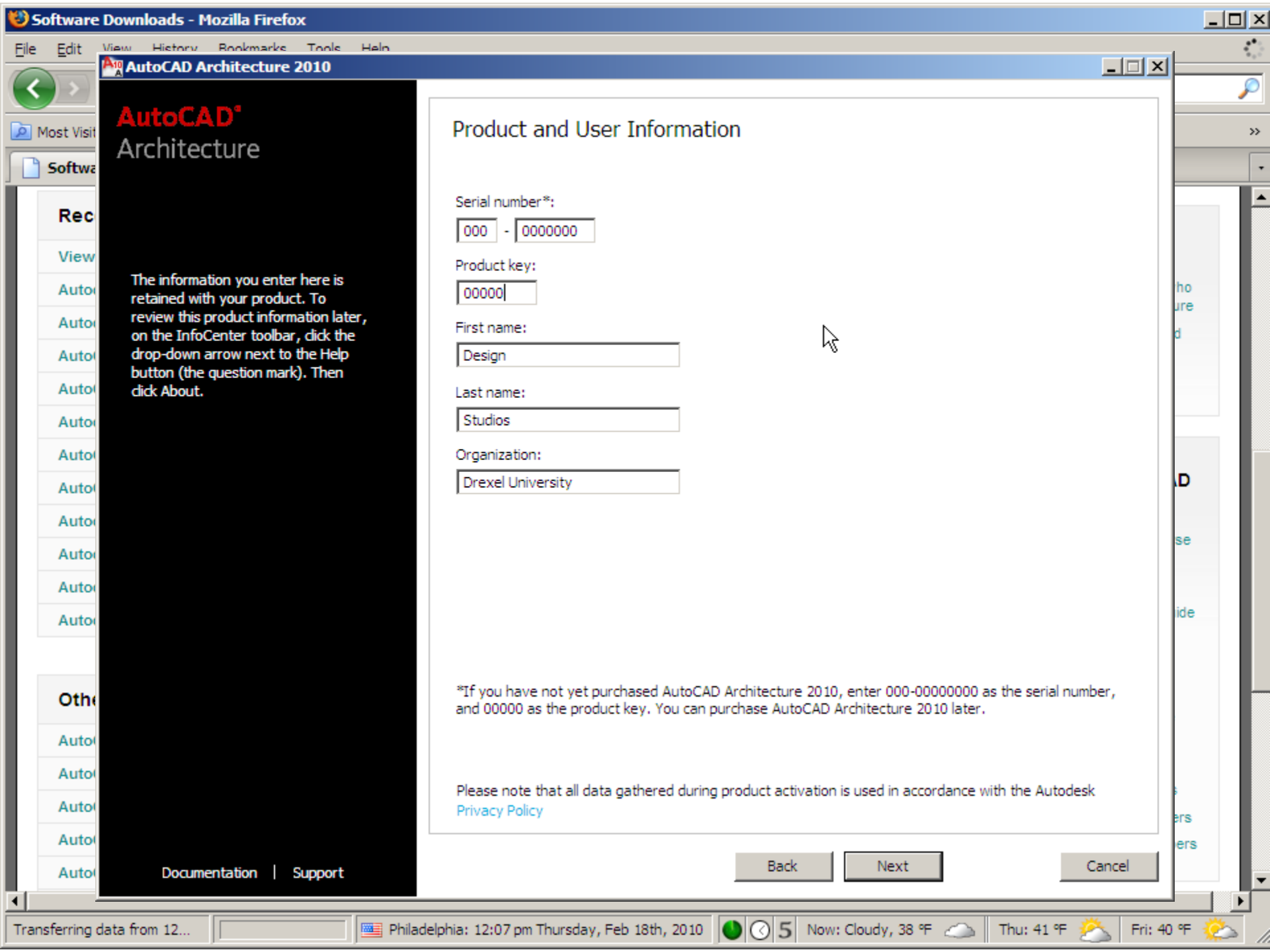
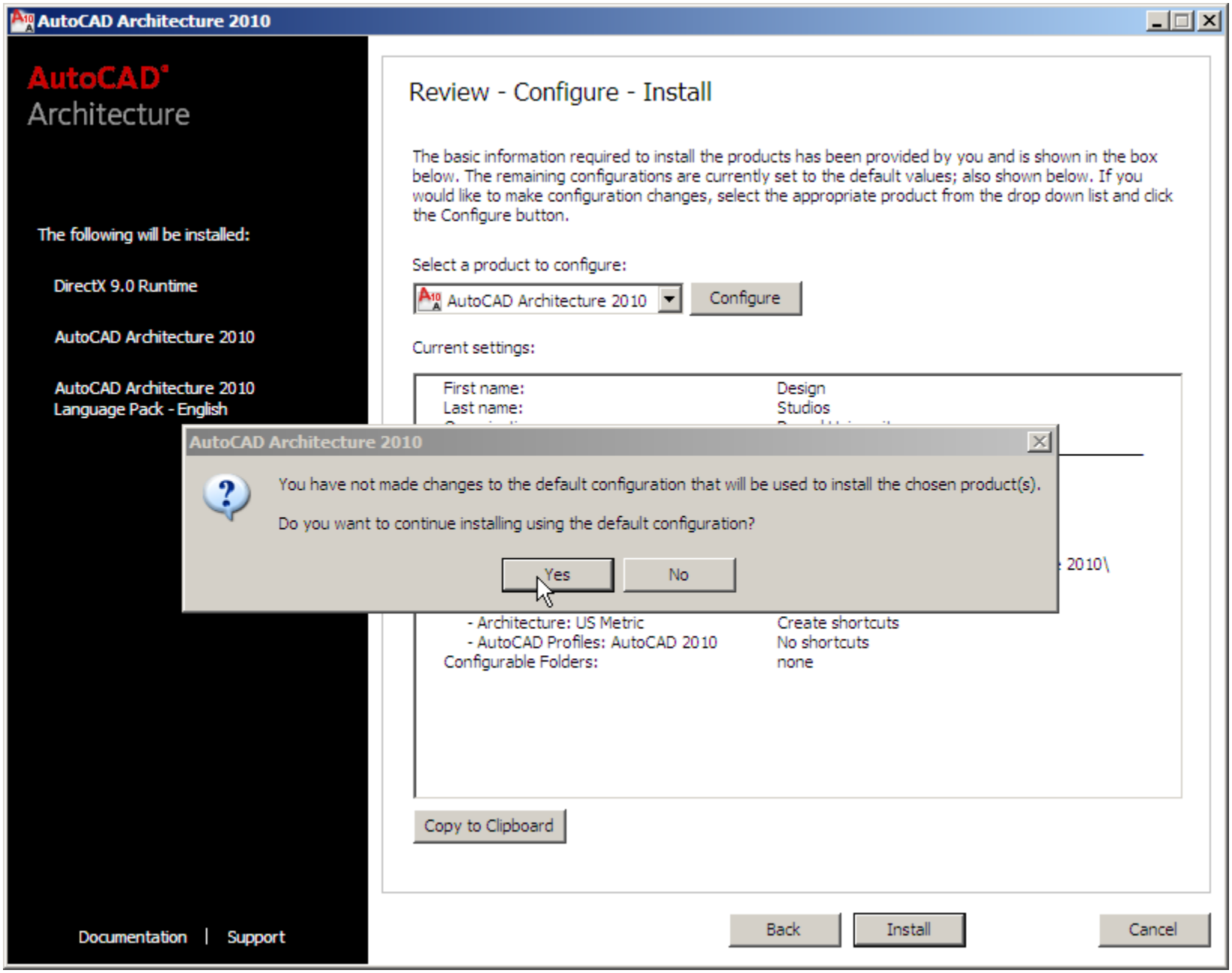
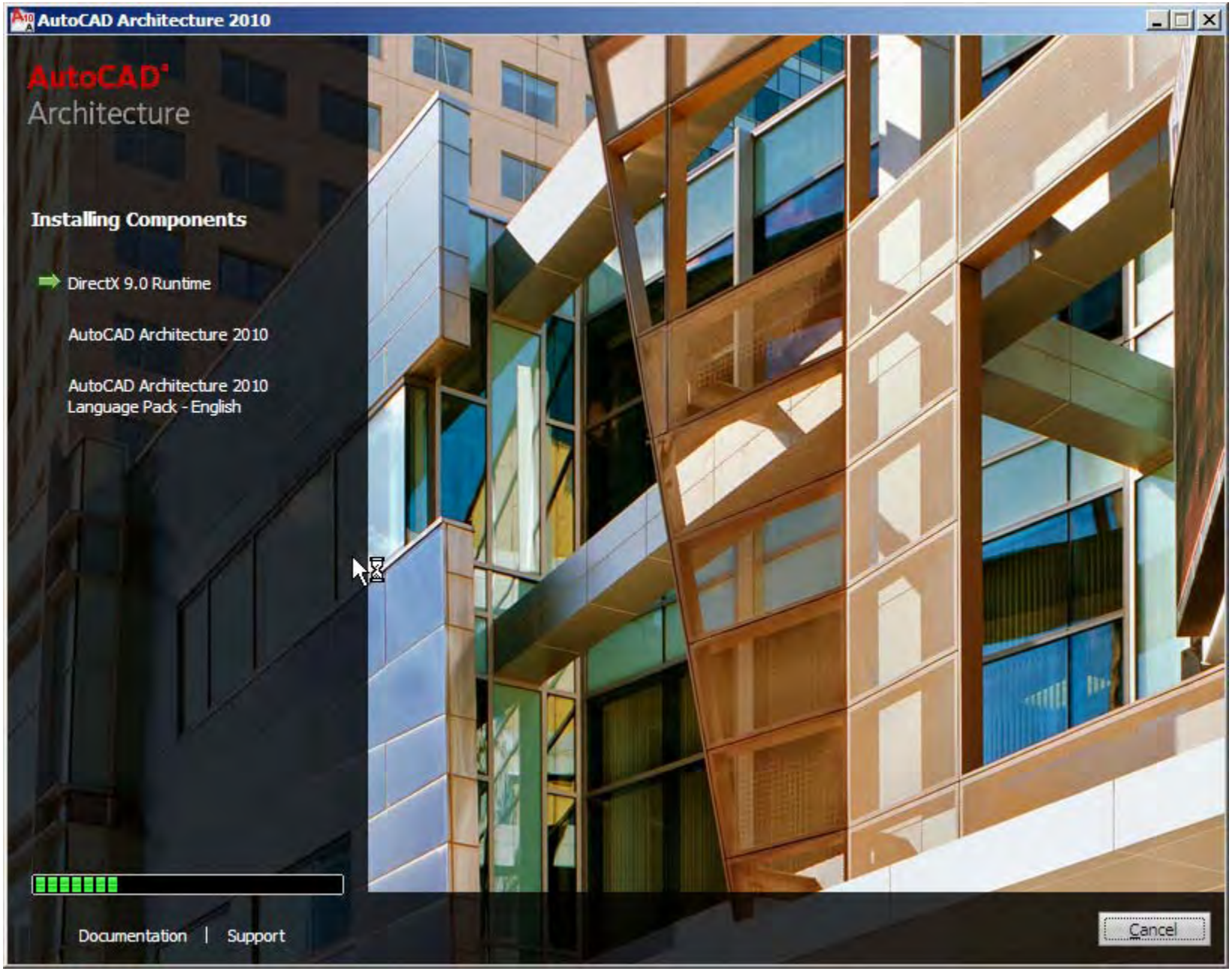
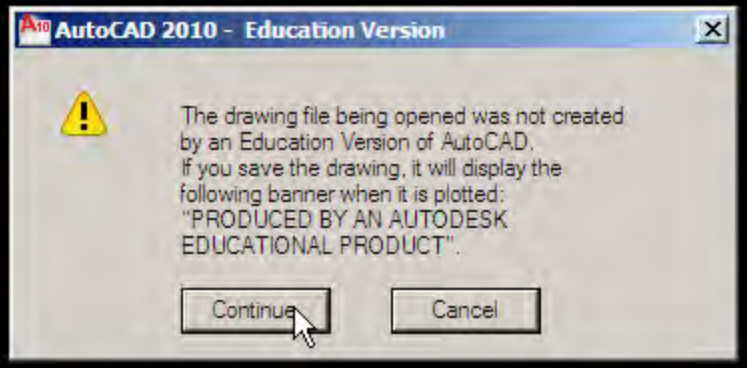

Software Downloads - Mozilla Firefox
File Edit View History Bookmarks Tools Help
AutoCAD Architecture 2010
AutoCAD®
Architecture
The information you enter here is retained with your product. To review this product information later, on the InfoCenter toolbar, click the drop-down arrow next to the Help button (the question mark). Then click About.
Documentation | Support
Product and User Information
Serial number*:
000 - 0000000
Product key:
00000
First name:
Design
Last name:
Studios
Organization:
Drexel University
*If you have not yet purchased AutoCAD Architecture 2010, enter 000-00000000 as the serial number, and 00000 as the product key. You can purchase AutoCAD Architecture 2010 later.
Please note that all data gathered during product activation is used in accordance with the Autodesk Privacy Policy
Back
Next
Cancel
Transferring data from 12...
Philadelphia: 12:07 pm Thursday, Feb 18th, 2010
Now: Cloudy, 38 °F
Thu: 41 °F
Fri: 40 °F


AutoCAD Architecture 2010
AutoCAD
Architecture
The following will be installed:
DirectX 9.0 Runtime
AutoCAD Architecture 2010
AutoCAD Architecture 2010 Language Pack - English
Documentation | Support
Review - Configure - Install
The basic information required to install the products has been provided by you and is shown in the box below. The remaining configurations are currently set to the default values; also shown below. If you would like to make configuration changes, select the appropriate product from the drop down list and click the Configure button.
Select a product to configure:
AutoCAD Architecture 2010
Configure
Current settings:
First name: Design
Last name: Studios
- Architecture: US Metric Create shortcuts
- AutoCAD Profiles: AutoCAD 2010 No shortcuts
Configurable Folders: none
Copy to Clipboard
Back
Install
Cancel
AutoCAD Architecture 2010
You have not made changes to the default configuration that will be used to install the chosen product(s).
Do you want to continue installing using the default configuration?
Yes
No


AutoCAD Architecture 2010
AutoCAD
Architecture
Installing Components
DirectX 9.0 Runtime
AutoCAD Architecture 2010
AutoCAD Architecture 2010
Language Pack - English
Documentation | Support
Cancel

AutoCAD 2010 - STUDENT VERSION Drawing1.dwg

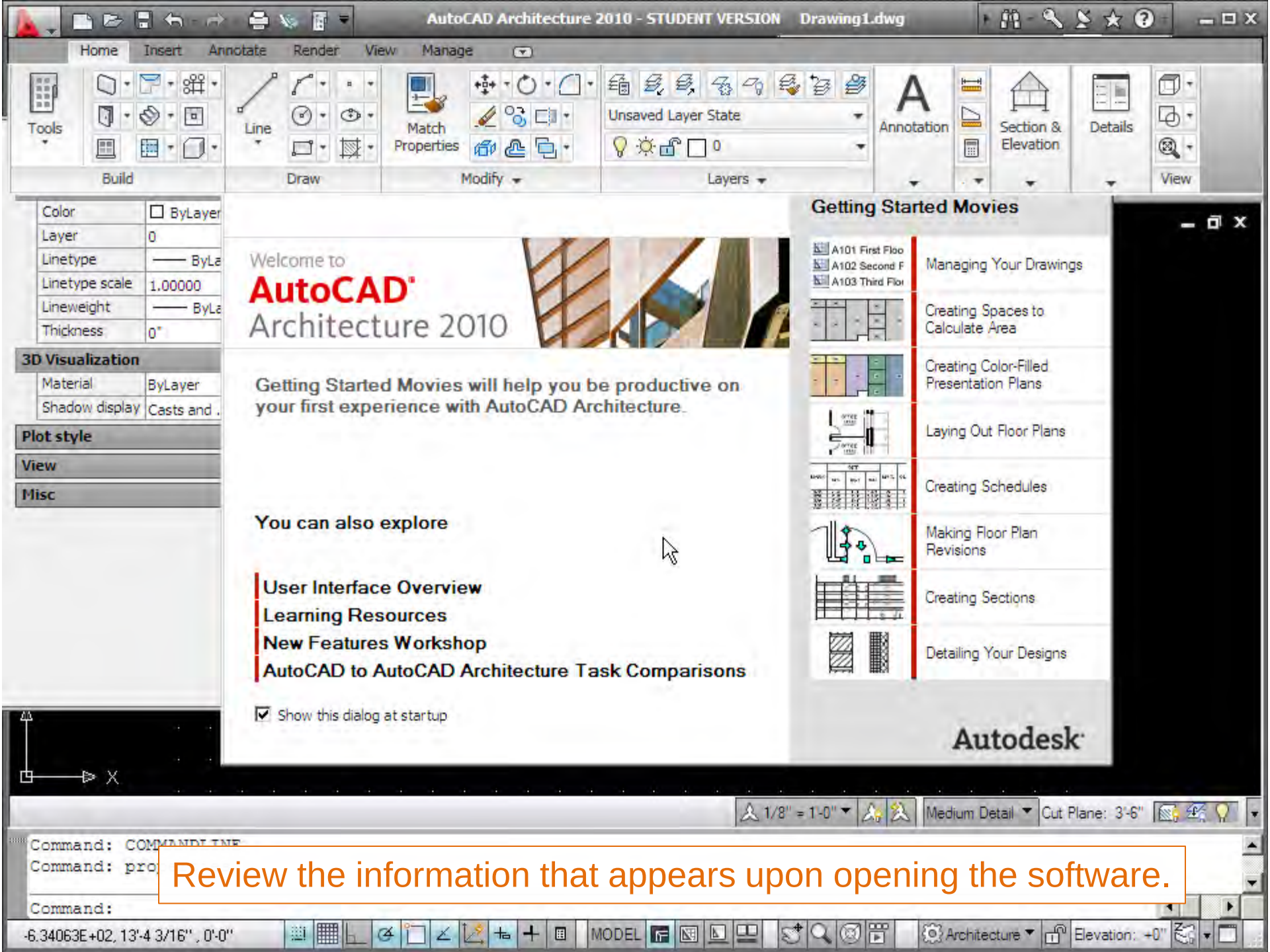
Locate your new software and open it up:
Local Disk C > Program Files > AutoCAD Architecture 2010 > acad



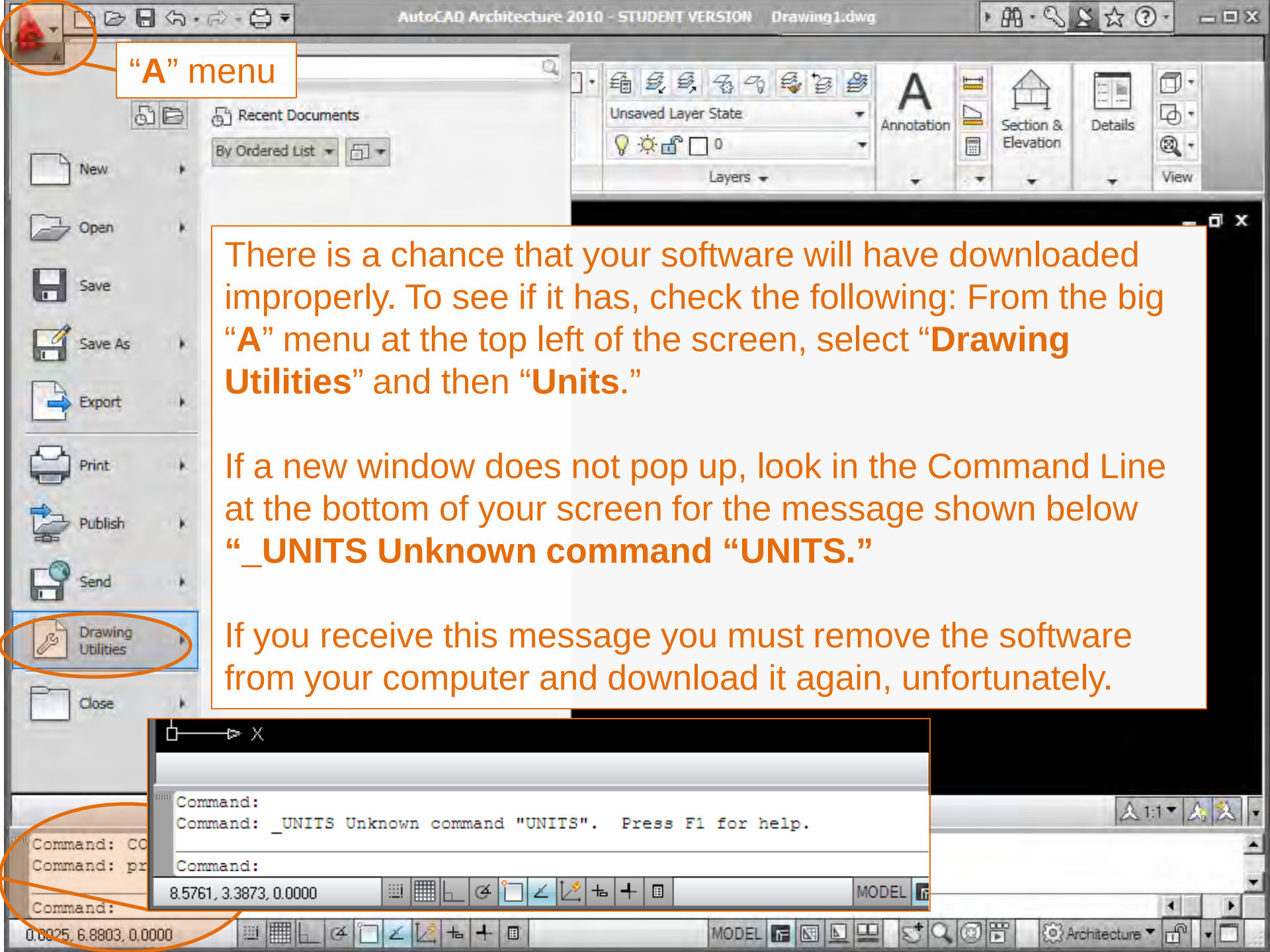
You will be prompted to activate your software. Select “request an Activation Code” to proceed.

The message above will most likely appear every time you open your software – click Continue. Since this is a free download, you are only permitted to use the software for educational purposes. For this reason, your license to use the software will expire in 14 months at which point you can re-download the software.

Opening: C:\ProgramData\Autodesk\ACA 2010\enu\Template\Aec Model (Imperial Stb).dwt



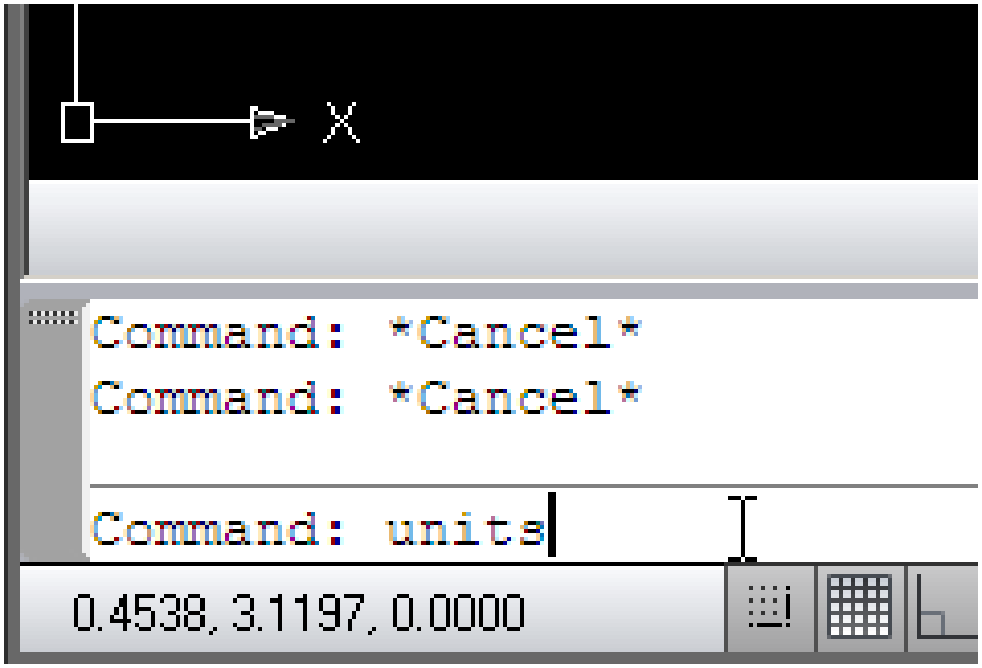
Review the information that appears upon opening the software.

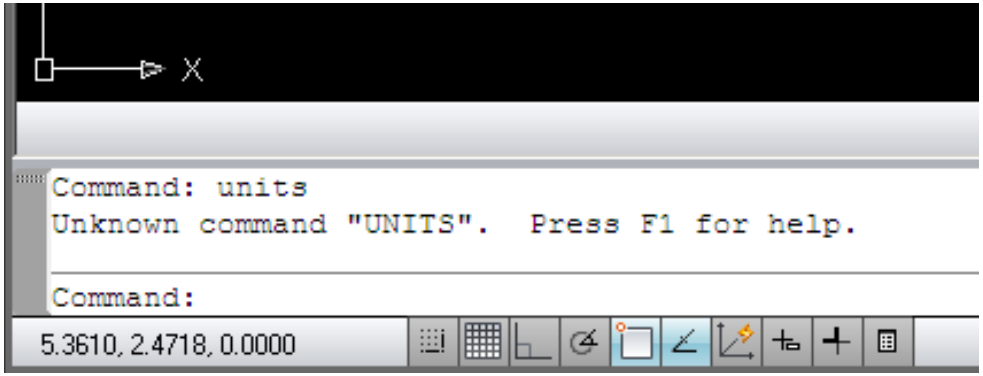

AutoCAD Architecture 2010 - STUDENT VERSION Drawing1.dwg
"A" menu
Recent Documents
By Ordered List
New
Open
Save
Save As
Export
Print
Publish
Send
Drawing Utilities
Close
Unsaved Layer State
Layers
Annotation
Section & Elevation
Details
View
There is a chance that your software will have downloaded improperly. To see if it has, check the following: From the big "A" menu at the top left of the screen, select "Drawing Utilities" and then "Units."
If a new window does not pop up, look in the Command Line at the bottom of your screen for the message shown below "_UNITS Unknown command "UNITS."
If you receive this message you must remove the software from your computer and download it again, unfortunately.
Command:
Command: _UNITS Unknown command "UNITS". Press F1 for help.
Command:
8.5761, 3.3873, 0.0000
MODEL
Architecture

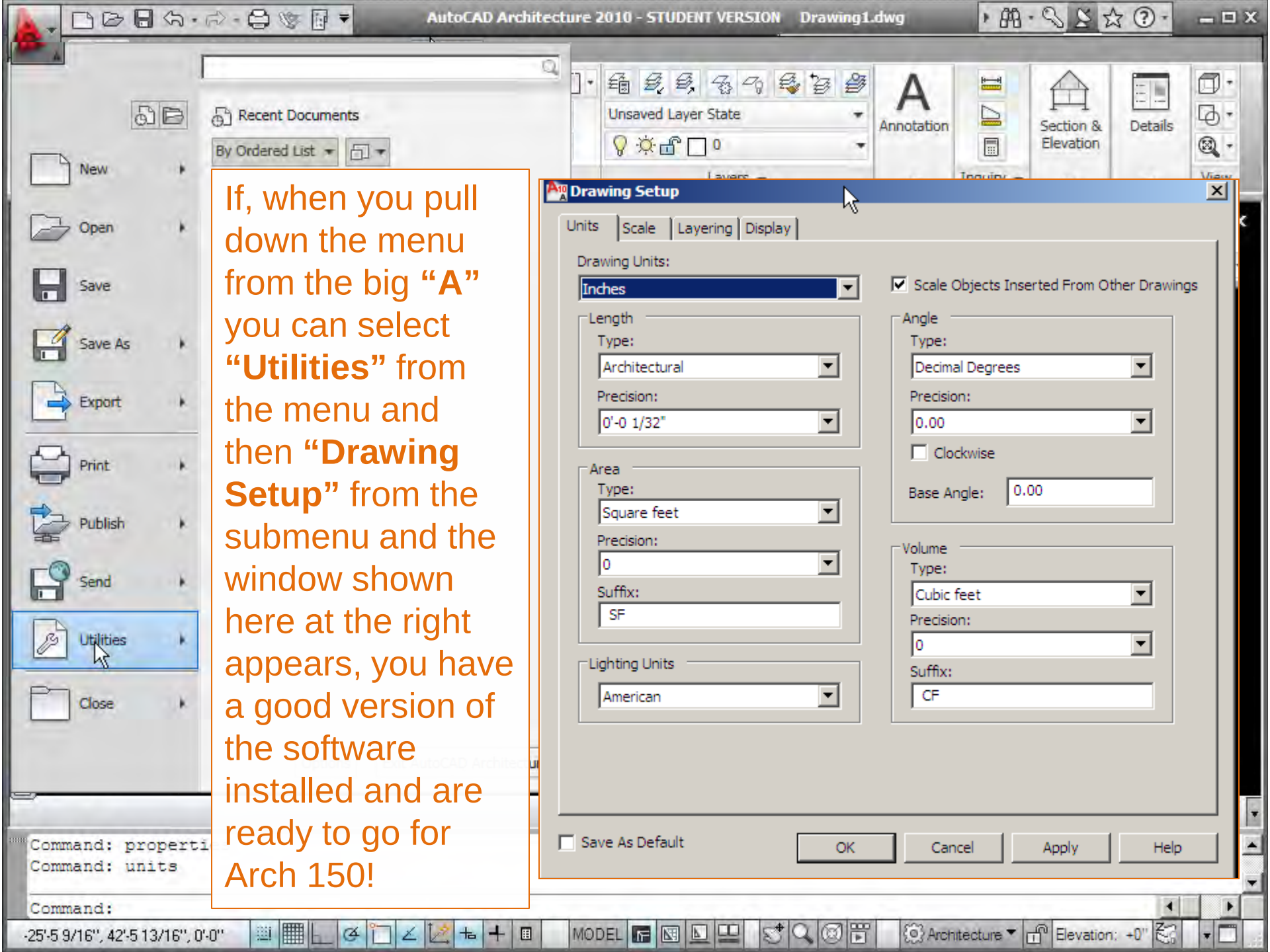
If you are still unsure, type the following into the Command Line at the bottom of your screen:

UNITS
(lowercase or capital letters is OK)
Then press the return key.

If the message appears,
“Unknown command “UNITS”
you must remove the program from your computer and reinstall.







If, when you pull down the menu from the big **"A"** you can select **"Utilities"** from the menu and then **"Drawing Setup"** from the submenu and the window shown here at the right appears, you have a good version of the software installed and are ready to go for Arch 150!