AUTOCAD

MY FIRST STEPS IN AUTOCAD

FREE E-BOOK
Content

Little bit about Autocad ......................................................................................................................... 3
How to Download Autocad Student version ............................................................................................ 3
How to Install Autocad Student version .................................................................................................... 8
About Autocad interface ............................................................................................................................ 17
Which interface to choose Ribbon style or Classic interface? ................................................................. 17
Basic elements of Autocad Interface ....................................................................................................... 17
How to create new file and save it ............................................................................................................. 19
Autocad coordinate system ....................................................................................................................... 23
Basic drawing tools ................................................................................................................................... 24
Primitives drawing principles ..................................................................................................................... 24
Selection tools in Autocad ............................................................................................................................ 26
Object modifying tools ............................................................................................................................... 29
  Move tool .................................................................................................................................................... 29
  Copy tool .................................................................................................................................................. 30
  Rotate tool ................................................................................................................................................ 30
  Mirror tool ............................................................................................................................................. 32
Workspace navigation and Zoom ................................................................................................................ 33
Ensuring accuracy and Snap ...................................................................................................................... 33
Layers .......................................................................................................................................................... 37
  What is the Layers .................................................................................................................................. 37
  Where I can find Layer Manager? .......................................................................................................... 38
  How to create new layer and rename it ................................................................................................... 39
  How to add objects into certain layer .................................................................................................... 40
Blocks ........................................................................................................................................................ 42
  What is the Blocks? ................................................................................................................................. 42
  Creating Block....................................................................................................................................... 43
Text tools ..................................................................................................................................................... 44
Dimensions ............................................................................................................................................... 45
Understanding Model and Layout ............................................................................................................ 46
Plot / Print .................................................................................................................................................. 48
Conclusion .................................................................................................................................................. 49
Little bit about Autocad

Autocad developed by Autodesk company in 1982 year. Autocad intended for technical design works in different sectors. Autocad leader between CAD software. Although AutoCAD has several versions for different sectors, it can be used for all types of works, from Architecture to engineering and design.

How to download and install Autocad Student version?

So let’s begin. I will show you step by step how you can easily and free download and install a free Student version of Autocad. So you can ask why free and is that legal? Yes, that is the real legal free license of Autocad. Autodesk company offer free student version for education. In student version no any functionality limitation from the standard version. Except student version can be used only for education and no any commercial use.

Free student version you can download from Autodesk website.

1. Go to Autodesk.com website and click on Menu on the right corner.

2. Select from menu Free Student software.
3. You will see list of software that you can download. Choose from list Autocad.

4. You will be redirected to new page and for downloading you will need Login or Create new Account on Autodesk website to download Autocad.

In registration on Autodesk website no big difference between registration on another website. But there are had some nuances that can be little difficult for new beginners. That’s why we will pass all step by step.
To register click on red button **CREATE ACCOUNT**. You will be redirected to new page and on the first step, you need to choose your country educational role, and birthday.

In the educational role, you can choose from 4 roles. We will choose student.

After you enter all data click on button **Next**.

In the next step, you need to enter Your name, Second name, Email, Password and agree with terms. After all, clicks on button **Sign UP**.

After that, you need to verify your email address by clicking on verification button that you will get to an email address after sign up.
After clicking on **Done** button you will be redirected to another page. Where you must enter name of educational institute, area of study and education time.

Enter any educational institute in your city or country. If you will get error **Please select your educational institution** Then click on **I Can't find my educational institution**.

You will get another form. Enter any education institute name in your city and fulfill all another field.
After that click button **Add**.

You will return back and now you can click on button **Next**.

You will get new message

![Autodesk Add Educational Institution](image)

**Add educational institution**

- Baku
- Azerbaijan

[Add] [Cancel]

Click on **Done** button and agree with **Term of Service** on the next page and click on **Continue** button. You will get Email from Autodesk. Don’t delete that email because it contains important information for the installation process.

**Congratulation** we are already done. Now we can download AutoCAD for free.

After clicking on Continue button you will redirect to AutoCAD download page or you can click here to go to AutoCAD download page.
Now you need to choose Autocad Version, Operation system, and language.

After all, you need just download and install Autocad.
How to Install Autocad Student version

For first we need login in Autodesk website. After login, go to Autocad download page and choose which version of AutoCAD you want to install. After that, click on red Install Now button at bottom of form.

Autocad installer will download to your computer. Installer size is very small. Just click on it and open.
Downloading will begin. For the first installer will download special components that need install.

You need to wait until all files will download. It can take a time to download. Time will be based on your internet connection speed.

After first download will finish you will see a window like below. Here you can see installation window. You can directly install AutoCAD or install additional tools. Probably you will never need additional tools and utilities that why click on Install button.
Next, you will see a window where you can choose what you want to install and where you want. You can only install Autocad or you can install with Autodesk Recap 360 and A360 desktop.

After you decided what you want just click on Install button. Software downloading will begin. The download can take a long time because whole software size is about 5 GB.
After download and install you will see notification window. Click on Finish button to end installation. Now we have installed Autocad.
The last thing we need to do is register our Autocad. To do that open your new installed Autocad. If you have already installed old version of Autocad you will see Migration Window. This feature is new and only available in Autocad 2017.

Select configurations that you want migrate and click on Check button.

After you will see another notification window and from offered options click on first option Always reassociate DWG files with AUTOCAD (Recommended)

Now our Autocad will open and now we need to register the software. To do that click on Enter Serial Number.
At next window just click on Agree to agree with Autocad Privacy Statement.

In the next window we can just run Autocad or Activate it. We can run and use it for 30 days from today. But after 30 days left we will need register Autocad. That is why let's click on Activate button and register our Autocad.
In the next window we need to enter **Serial number** and **Product key** that we get from Autodesk by email. If you haven’t serial number you need to register at Autodesk website.

Let's copy activation information from email and enter to activation window’s fields. Click on **Next** button to activate your Autocad.
If everything right after few second you will get notification window that your **Autocad 2017** successfully activated.

Now you can work on Autocad. If you have internet connection Autocad will check your license and you will get an email with **Activation code**. When AutoCAD will ask for activation code enter code that you get from Autodesk.
Thank you for registering your Autodesk product. The information you provide helps us serve you better in the future and helps you stay informed about Autodesk products and services.

**Serial Number:** 900
**Product:** Autodesk AutoCAD 2017 2017
**Computer Name:** KOMP17

If you have requested an activation code through the Autodesk website, you may need to follow these additional instructions to complete your activation:

1. On your computer, copy the below activation code to your clipboard or save the Activation File (if attached).
2. Start the product for which you requested an activation code.
3. Follow the prompts to activate the product.
4. When requested, paste the activation code from your clipboard or browse to the Activation File you saved in Step 1 to complete the activation.

**Activation Code:**

```
KPE5 5QLE KMWQ
PS4B 9X9P 6YFX
FS6R AVYA KX9Q
DI42 1SPZ
```
Thank You for previewing this eBook

You can read the full version of this eBook in different formats:

- HTML (Free /Available to everyone)
- PDF / TXT (Available to V.I.P. members. Free Standard members can access up to 5 PDF/TXT eBooks per month each month)
- Epub & Mobipocket (Exclusive to V.I.P. members)

To download this full book, simply select the format you desire below