


## Course Information

- ◆ Afternoon sessions (3:00pm—5:00pm)
- ◆ Computers provided
- ◆ Training inclusive of Hands-on Practical Projects
- ◆ Awarding of Certificate after completion

## Bank Details

WestPac Bank Account:  
**NAT'L POLYTECHNIC INST PROJECT ACCOUNT**  
**ACCOUNT NUMBER:**  
**6002895338**



National Polytechnic Institute of PNG  
 P.O Box 4633,  
 Lae 411,  
 Morobe province,  
 Papua New Guinea

## Contacts for Registration or Enquiries

Phone: 472 2555 / 70841047  
 Email: [gsinake@gmail.com](mailto:gsinake@gmail.com)/ [stanleyrupo03@gmail.com](mailto:stanleyrupo03@gmail.com)  
[mmichael11116@gmail.com](mailto:mmichael11116@gmail.com)

## AutoCAD Syllabus

Introduction to AutoCAD	<ul style="list-style-type: none"> <li>*Overview and application</li> <li>*User interface exploration</li> <li>*File management and project setup</li> </ul>
Basic drawing commands and techniques	<ul style="list-style-type: none"> <li>*2D drawing tools (Line, Circle, Rectangle, etc.)</li> <li>*Object snaps and layer management</li> <li>*Modifying and editing entities (Trim, Extend, etc.)</li> </ul>
Advanced Drawing and Editing Techniques	<ul style="list-style-type: none"> <li>*Advanced drafting tools (hatching, blocks, arrays)</li> <li>*Editing complex objects (Boolean operations, trimming)</li> <li>*Customizing hatch patterns and block properties</li> </ul>
Customization and project management	<ul style="list-style-type: none"> <li>*Creating custom menus, toolbars, and workspace layouts</li> <li>*Setting preference and project standards</li> <li>*Utilizing Xrefs and plotting drawings</li> </ul>
Industry-Specific Applications	<ul style="list-style-type: none"> <li>*Exploring specialized toolsets for specific industries (Architecture, Mechanical Engineering, Electrical Design, etc.)</li> </ul>
Project Work and Portfolio Building	<ul style="list-style-type: none"> <li>*Applying skills to real-world or practice projects</li> <li>*Building a portfolio to showcase proficiency</li> </ul>



## TRAINING FOR BEGINNERS

*05 August— 09 September, 2024*  
*From Monday—Friday*  
*Sessions 3:30pm - 5:30 pm*

Registration Starts Now



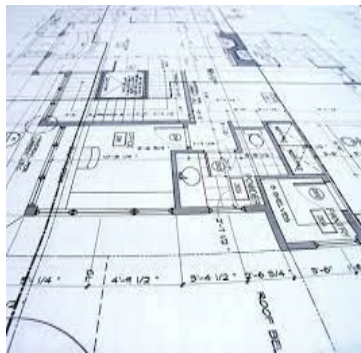
National Polytechnic  
 Institute of PNG  
 admin reception for  
 registration forms or

Book online at [www.polytec.ac.pg](http://www.polytec.ac.pg)

## About AutoCAD Course in Polytec

National Polytechnic Institute of Papua New Guinea is one of the recognize technical institution in PNG that has been offering this course (AutoCAD) to a range of engineering departments such as Building and Architectural Drafting, Civil Engineering, Electrical Engineering and Mechanical Engineering department.

Having the experience to design bridges, buildings and constructions with paper and pen, it is certain to consider how convenience, precision and accuracy of using pen and paper compare to the computer aided design software known as the Auto CAD. Whilst having



*Traditional way of drawing designs*

ing the demand for technical drawings throughout many industries in PNG, the administration decides to offer this program to upskill the working individuals and others who are interest-

ed to participate in this upcoming program. After successful completion of this course, all participants should receive a certificate of attainment at the end the course.

## AutoCAD Software

When it comes to computer-aided design programs, there is no better one than AutoCAD. This software made its first appearance in 1982, and since then, it has become the leader of digital design programs. AutoCAD offers unparalleled versatility, accommodating architectural, structural, mechanical, electrical, and engineering projects. AutoCAD's hallmark lies in its ability to seamlessly transition between 2D and 3D design views, cementing its status as a cornerstone of digital design software.

## AutoCAD Course Highlights

Particulars	Details
Course Level	Beginner—Intermediate,
Duration	Basic Course—6 weeks
Eligibility	No formal prerequisites
Fees	Corporate and Freelance - K2000 Polytec Staffs - K1000 Pollytec Students - K500
Bank Details	WestPac Bank Account: NAT'L POLYTECHNIC INST PROJECT ACCOUNT ACCOUNT NUMBER: 6002895338

## Why Learn AutoCAD

- ◆ **High Demand:** AutoCAD is a widely used software across various industries, including engineering, architectural, construction, manufacturing, and product design, opening the door for extensive employment opportunities.
- ◆ **Competitive Edge:** Having AutoCAD proficiency on your resume sets you apart from other applicants and demonstrates your technical expertise, potentially increasing your chances of landing your dream job.
- ◆ **Freelance potential:** With strong AutoCAD skills, you can explore freelance opportunities in design and drafting
- ◆ **Technical proficiency:** Learning AutoCAD provides valuable technical skills, including 2D and 3D, design principles, and technical communication.
- ◆ **Career Growth:** Proficiency in AutoCAD can lead to promotions, opportunities for specialization, and involvement in more complex projects while future-proofing your career.



National Polytechnic Institute of PNG  
P.O Box 4633,  
Lae 411,  
Morobe province,  
Papua New Guinea.

Phone: 472 2555 / 70841047

Email: gsinake@gmail.com/ stanleyrupo03@gmail.com  
mmichael11116@gmail.com