

پوهنتون کاردان  
KARDAN UNIVERSITY

## BACHELOR'S IN CIVIL ENGINEERING

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## DEAN'S MESSAGE

Kardan University's Faculty of Engineering and Technology educates students to be leaders in the development and use of multidisciplinary approaches and technology to solve complex, socially critical problems. We are committed to excellence in technology and engineering.

Over the next few semesters, the Faculty of Engineering and Technology will grow the student body and expand the size of faculty. This expansion will allow us to better serve the people of Afghanistan and to accommodate many more of the talented applicants who seek to attend Civil Engineering and Computer Science programs at Kardan University.

I am committed to promoting a culture of service to our students, so that we may continue to develop the next generation of world-class engineers. I am honored to be part of a team of people who



aren't just about making something happen, but making something better. I am very excited about the future of Kardan University's Faculty of Engineering and Technology. I look forward to working with our students, faculty, alumni and friends to lead our faculty to the new heights.

I invite you to learn more about our transformative programs and the many opportunities that the Kardan University's Faculty of Engineering and Technology provides. Please join us on this exciting journey.

**Eng Amirzada Ahmadzai, PhD**

Dean, Faculty of Engineering and Technology



## PROGRAM INTRODUCTION

Civil Engineering program at Kardan University is the combination of art, science, and technology to develop planning, design, management, and maintenance of buildings, water resources, wastewater, transportation, and environmental systems.

Modern engineering tools, state of the art techniques and knowledge are being transferred to the students that have helped in recognition of Kardan University's Civil Engineering program as the highest rated in the country, by the Ministry of Higher Education in 2019.

Stakeholder's input is obtained through frequent formal and informal meetings with graduates, alumni, employers, industrial advisory board and parents to remain relevant to the socio-economic needs of the society, locally as well as internationally

## PROGRAM DESCRIPTION

Kardan University pursues the Credit Based System (CBS). Under the CBS, students can select the number of courses based on their specific financial conditions or other preferences.

The curriculum is founded on Outcome-Based Education (OBE) and Student-Centered Learning (SCL) as well as Experiential Learning principles. Students learn practical and soft skills, new trends in technology and critical thinking to develop

their knowledge and understanding of different aspects of Civil Engineering.

The Bachelor of Civil Engineering is to be completed over a four-year period. Students are required to complete 150 credits covering core and general elective courses as well as thesis or a final project.

Summary of Courses	
Category	Credits
Core Courses	108
General Courses	36
Project Report	6
Total	150

***Faculty members hold master and Ph.D. degrees from international universities with a strong portfolio in international research, industry leadership, and teaching.***



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## CAREER OUTCOMES

The BCE graduates are expected to be in great demand, as employers in the public and private sectors are increasingly seeking professional and results-oriented engineers.

Civil engineers conceive, design, build, supervise, operate, construct and maintain infrastructure projects and systems in the public and private sector, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment. Many civil engineers work in planning, design, construction, research, and education.

## Making an Impact

Studying Civil Engineering at Kardan University puts you alongside the best engineering minds with soft skills, new trends and technology, and critical thinking to develop your own idea to make life easier.





## BCE LEARNING PROGRAM OUTCOME:

- Apply basic knowledge of mathematics, science, and engineering with new trends and technology to real-life problems
- Apply art and science to improve mastery of engineering problem solving to assist, evaluate and understand problem identification, formulation to conduct experiments by analyzing and interpreting the data to figure out possible solutions
- Plan, design, estimate, and implement various engineering projects to conduct experiments to evaluate engineering systems' performance or components to project requirements and technical specifications
- Design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
- Know the application of modern tools such as different engineering field relevant software, modeling and design of engineering systems
- Make compelling and technical communication in oral, written, graphical forms with confidence
- Create, select and apply appropriate techniques, resources, modern engineering, and technology, including prediction and modeling
- Work effectively, as an individual or in a team
- Understand professional and ethical responsibility in the field of engineering
- Recognize the importance of pursuing life-long learning in the broader context of innovation and technological developments



## MYKARDAN

MyKardan is Kardan University's official student portal, a central hub where the entire student journey is captured and reflected. The portal is tailored to you as an individual, so you can make sure you are getting the information you need. As a student, MyKardan is where you can:

- Apply for scholarships and financial assistance programs
- Select and drop courses for each semester
- View your class schedule, attendance, tuition fee, and grades
- View the course and program grades
- The professor performance and provide feedback
- Access academic contents including e-books, lectures, videos, etc.
- Access and submit assignments, quizzes and other class activities
- Access Kardan University's digital library, including access to the JSTOR, one of the world's largest libraries of academic journals, books and primary sources

The development of an exceptional and high-quality online experience is fundamental to our learning and teaching approach. We combine world-class best practices, faculty expertise, modern technology, and innovation to shape and transform the student journey.



## FACILITIES

### Engineering Lab

Kardan University's Engineering Lab is equipped with the latest equipment which allows engineering students to practice the theories they learn in class.

The lab is devoted to the advancement of practical education and technology in the field of Engineering.

Additionally, it provides an opportunity for students to put their ideas together and come up

with creative solutions to the existing problems related to the field of Engineering.

The Engineering Lab helps students with selecting and verifying materials and to evaluate material quality, performance, troubleshooting, research, and many other applications.





## Engineering Showroom

Kardan University's Engineering Showroom is designed to illustrate the corporate values of the institution which includes innovation, research and growth – and it showcases the engineering equipment and solutions.

Engineering and technology showroom can involve students to different tasks including a review of the literature, laboratory experimentation,

analytical work, numerical simulations, creating models, designing, and doing different projects.

The project can also involve the development of a design and presentation of a prototype. The showroom does not only exhibit the facilities the University provides to its students but also acts as a source of motivation for technology-minded students.

# FINANCIAL INFORMATION

Kardan University delivers high quality education in a world-class environment. Our fee structure reflects the high academic quality and modern learning standards.

Students can apply for merit scholarships and Financial Assistance through the Scholarships and Financial Assistance Office.

Both male and female students can benefit from up to 1000 Scholarships and Financial Assistance options every year.

Admission Fee		
Fee	Number of Semesters	Total
1,000	8	8,000
Program Fee		
Fee Per Credit	Number of Credits	Total
3,500	150	525,000
Program Cost		
533,000		



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## CIVIL ENGINEERING STUDENT INITIATIVES

Kardan University's Civil Engineering students actively participate in extracurricular initiatives. You can expand your skills through involvement in the Innovation Lab or join the Civil Engineering Student Society.

These initiatives promote creativity, innovation and development of futuristic ideas and projects.

The department has established a showroom and testing lab to facilitate practical activities outside the classroom.



## THE STUDENT SUCCESS CENTER

**Kardan University's Student Success Center is the first student-focused initiative of its kind in Afghanistan.**

The center assists our students and alumni achieve personal and professional excellence. The center is a hub for academic and extra-curricular initiatives that

aim to help our students and alumni become more efficient, effective and successful. By partnering with faculty and other university offices, we ensure that our students and alumni excel both academically and professionally.

### **Some of the Success Center's benefits and services include:**

- Advice students on navigating their ways through the Clubs and Societies Fair
- Guidance on academic matters including free tutors, counselors and resources
- Support and advice on job search, internships and career development.
- Provision of financial aid and merit scholarships to eligible students and alumni
- Networking, professional development and mentoring opportunities
- Guidance on international educational opportunities, including scholarships, conferences, exchange programs and more





## OFFICE OF STUDENT INVOLVEMENT AND EVENTS

By organizing events such as seminars, sports competitions, and study tours, we strive to enrich students' learning with knowledge from outside the class.

Innovation Lab, Debate Club, Vis Moot, Law, Political Science, Computer Science Students' Clubs, and several sports clubs, including Cricket, Football, and Volleyball.

Students are engaged in field-specific extracurricular activities through student clubs such as Engineering Club,

[https://kardan.edu.af/Success-Center/student\\_involvement.aspx](https://kardan.edu.af/Success-Center/student_involvement.aspx)



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## OFFICE OF CAREER SERVICES

The Office of Career Services at Kardan University assists students and alumni to achieve their career goals through a range of specialized programs and services.

From training workshops to professional development programs and employment-specific support, we are here to help them achieve their personal and professional success.

Our qualified staff can help students prepare winning CVs and job applications, prepare for job interviews, improve career plans and guide them through the job search process.

***Website: [kardan.edu.af/Success-center/career\\_services.aspx](http://kardan.edu.af/Success-center/career_services.aspx)***



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## OFFICE OF ALUMNI AND GENDER RELATIONS

The Office of Alumni and Gender Relations seeks to advise, empower and inspire our 30,000+ alumni with a focus on gender relations.

We offer a large variety of opportunities which help alumni stay in touch with Kardan University and promote social interaction, professional networking and volunteer services.

We organize alumni reunions, special training programs, facilitate the Distinguished Alumni Award Ceremony, and seek to create an equitable learning and teaching environment at Kardan University.

**Website:** <https://kardan.edu.af/Alumni/>

## OFFICE OF SCHOLARSHIPS AND FINANCIAL ASSISTANCE

With Scholarships and financial assistance opportunities, we are committed to ensuring no student is left behind from higher education only for financial reasons.

The goal of merit-based scholarships is to recognize and encourage academic excellence among Kardan University students. The university offers merit-based scholarships to students registered in undergraduate and graduate programs.

Kardan University's Financial Assistance program is designed to enable eligible existing and prospective students with financial needs to pursue higher education at the university. Financial Assistance is offered in the form of tuition fee reductions to reduce the financial burden on students.

For the year 2021, over 40 Million Afghanis is allocated for eligible scholarships and financial assistance applicants across different study programs.

For further information about Kardan University's Financial Assistance and Scholarship initiatives, please visit our website.

<https://kardan.edu.af/Success-Center/scholarships.aspx>





# TYPES OF SCHOLARSHIPS AND FINANCIAL ASSISTANCE

Kardan University is committed to recognizing students' academic achievements and extracurricular activities, which will motivate and encourage these and other students to work hard towards further accomplishments.

These accomplishments are rewarded with different scholarships detailed in the following sections.

## Merit-Based Scholarships

Kardan University offers merit-based scholarships to students of undergraduate and graduate programs who are in excellent academic and disciplinary standings.

Scholarships are awarded at the beginning of spring and fall semesters and are valid only for one semester.

## Public Service, Athletic, or Co-curricular Scholarships

The Kardan University Public Service, Athletic, or Co-curricular Scholarships is available to existing and new students with extraordinary achievements in public service or sports. This scholarship is designed to recognize and promote a culture of public service, sporting achievement, and an active student life among Kardan University students. This Scholarship is awarded at the beginning of each semester and are valid for only one semester.

## Equal Opportunity Scholarships

Kardan University Equal Opportunity Scholarship is intended to extend higher education opportunities to students from underprivileged and disenfranchised communities.

This scholarship facility stems from Kardan University's commitment to give back to the community and ensures that the university is home to students from diverse socio-economic backgrounds.

## Financial Assistance

We provide fee reduction to male and female students who have financial limitations.

Students can pick up an application form and submit for review and approval.



## Admissions Open

Admission for Graduate and Undergraduate programs is now open. To read more about the admission proc...

[Read More](#)

## APPLYING TO THE PROGRAM

You have several options to apply for the Bachelor's in Civil Engineering program at Kardan University.

We offer flexibility and support in every step of the way making your transition to university life easier.

### How to Apply



0799 52 83 83  
0777 52 83 83



kardan.edu.af



Pick an Admission  
Package



Admission Office  
Kardan University  
Taimani Square


## Admission Requirements

- Successful passing of pre-admission entry test
- Ministry of Education attested 12th grade certificate and transcript
- Copy of National Identity Card (Tazkira)
- Four passport size photographs



# AFGHANISTAN'S DREAM UNIVERSITY

## Contact Us:


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