

MORRAINE VALLEY

COMMUNITY COLLEGE



Strategic Technology Plan

PRIORITIES AND GOALS 2025-2030



LETTER FROM THE PRESIDENT

Moraine Valley Community College is a leader in innovation, renowned for its information technology and cybersecurity programming. As such, we endeavor to provide cutting-edge technology resources to meet student and employee needs. Doing so lends to the success of our students and surrounding communities, and ultimately supports the college's mission.

As we uphold our reputation of providing a learning-centered environment for our students, our college strives to evolve with a rapidly changing technology landscape. Our college's strategic priorities include commitments to student success; program development; community engagement; diversity, equity and inclusion; resource development and technology. Each of these priorities is informed and enhanced by leveraging technologies in classrooms, labs and offices, through optimizing college processes and maintaining a high standard of information security.

This Strategic Technology Plan outlines the technology priorities and goals as determined by the Strategic Technology Planning Group. I am pleased by the commitment of this team and their work to improve the effectiveness, efficiency and security of Moraine Valley's technology resources.

This plan aligns with our college's strategic priorities and provides a path toward continuous improvement for our world-class institution.



Dr. Pamela J. Haney
College President

2025-30 STRATEGIC TECHNOLOGY PLAN

Moraine Valley Community College's 2025-2030 Strategic Technology Plan will set the framework for the Information Technology Division's annual planning, goals and objectives. It also will guide the division in assisting the college in achieving its mission.

This updated plan includes its own mission and vision statement as well as four broad priorities supported by specific strategic goals. While this is a five-year plan, it will be evaluated annually due to rapid changes in technology and fluctuating college goals and priorities.

VISION STATEMENT

To be a forward-thinking institution where cutting-edge technologies empower students, faculty and staff to thrive, foster creativity and collaborate, creating an inclusive and dynamic campus community that adapts to and leads in a rapidly evolving digital world.

MISSION STATEMENT

The college will cultivate the responsible integration of current and emerging technologies into the campus community.

PRIORITIES AND GOALS

Adaptive Infrastructure

- » **ADVANCING TECHNOLOGY**
Continuously evaluate and upgrade the infrastructure to ensure it remains flexible and adaptive to the latest industry advancements.
- » **BUSINESS CONTINUITY**
Prepare for timely recovery and continuity of systems and services in the event of unexpected disruptions or emergencies.
- » **CLOUD TECHNOLOGY**
Leverage cloud technology to provide scalable, secure and cost-effective solutions.

- » **INSTRUCTIONAL TECHNOLOGY**
Respond to the changing classroom environment and student learning needs.
- » **SUSTAINABILITY**
Adopt sustainable practices and technologies that reduce the college’s carbon footprint, aligning with industry standards to create an environmentally responsible and energy-efficient infrastructure.

Governance

- » **COMMUNICATION**
Implement effective communication strategies to ensure all stakeholders are informed of technology initiatives/changes in a timely manner.
- » **EMPLOYEE DEVELOPMENT**
Identify employees’ technical needs and create a comprehensive training plan to ensure they possess the necessary skills to perform their roles efficiently.
- » **PERFORMANCE MEASUREMENTS**
Implement IT performance measurements to regularly assess the effectiveness, efficiency and alignment of technology services with the college’s goals, driving continuous improvement.
- » **PROJECT PRIORITIZATION**
Prioritize technology projects based on their alignment with college goals, resource availability and overall impact on students.
- » **STAFFING NEEDS**
Assess IT staffing needs and make recommendations to meet the college’s priorities and goals.
- » **STANDARDS, POLICIES AND PROCEDURES**
Establish and maintain clear technology standards, policies and procedures to ensure operational consistency, security and compliance across the college.
- » **STUDENT ENGAGEMENT**
Solicit and evaluate student feedback regarding technology needs.
- » **STEWARDSHIP**
Ensure responsible use of resources in technology-related decision making.

Information Security

- » **COMPLIANCE**
Comply with all applicable federal and state information security regulations to ensure technology systems meet legal requirements.
- » **DATA SECURITY**
Strengthen data security by deploying advanced encryption methods, secure access controls and regular audits to protect against data breaches and unauthorized access.
- » **RISK MANAGEMENT**
Adopt and maintain industry-leading information security standards and best practices to minimize risks and enhance the protection of systems and data.
- » **TRAINING**
Provide targeted information security training for faculty, staff and students to raise awareness and ensure best practices for safeguarding data.

Technology Adoption

- » **ACCESSIBILITY**
Accommodate diverse needs and abilities through technology solutions.
- » **ARTIFICIAL INTELLIGENCE (AI)**
Explore the integration of AI in educational tools and administrative processes to enhance personalization, decision-making and operational efficiency.
- » **DATA INTEGRITY**
Prioritize data integrity that ensures accurate, consistent and secure data management, supporting informed decision-making across the college.
- » **DIGITAL TRANSFORMATION**
Use college technologies to improve productivity, streamline workflows and enhance collaboration.
- » **EMERGING TECHNOLOGIES**
Explore and adopt emerging technologies to create alternate learning environments, enhance student engagement and provide flexible, innovative educational experiences.
- » **RESOURCE AVAILABILITY**
Provide equitable access to technological resources that meet the needs of employees, students and the community.

TECHNOLOGY PRIORITIES	MORaine VALLEY STRATEGIC PRIORITIES					
	Student Success	Program Development	Community Engagement	DEI	Resource Advancement	Technology
Adaptive Infrastructure	●	●	●	●		●
Governance	●	●		●	●	●
Information Security	●					●
Technology Adoption	●	●	●	●		●

ANALYSIS OF THE COLLEGE'S TECHNOLOGY STRENGTHS, OPPORTUNITIES AND CHALLENGES

The planning team conducted a SWOT analysis to determine the strengths, weaknesses, opportunities and threats regarding technology at the college. The analysis was done to identify the most significant internal and external factors that impact the college's ability to implement and achieve its strategic priorities and goals. The top three factors are listed below for each section.

Strengths

- » Institutional knowledge
- » On-campus support
- » Data dashboards

Weaknesses

- » Paper processes
- » IT recruitment and retention
- » Registration system

Opportunities

- » AI
- » Automation of processes
- » IT talent

Threats

- » Attracting and retaining IT staff
- » Data breaches
- » AI cybersecurity

ENVIRONMENTAL SCAN

EDUCAUSE TOP 10 ISSUES FOR 2025

EDUCAUSE is a nonprofit association whose mission is "to advance higher education through the use of information technology." The annual EDUCAUSE Top 10 research – including the IT issues and strategic technologies reports – is used by higher education leaders and decision makers to anticipate and articulate challenges and inform their actions and decisions to address them.

The list of top IT issues is developed by a panel of experts comprised of IT and non-IT leaders, chief information officers and faculty members, and then voted on by the EDUCAUSE community in an annual survey.

- 1 The Data-Empowered Institution:** Using data, analytics and AI to increase student success, win the enrollment race, increase research funding and reduce inefficiencies
- 2 Administrative Simplification:** Streamlining and modernizing processes, data and technologies
- 3 Smoothing the Student Journey:** Using technology and data to improve and personalize student services
- 4 A Matter of Trust:** Advancing institutional strategies to safeguard privacy and secure institutional data
- 5 The CIO Challenge:** Leading digital strategy and operations in an era of frequent leadership transitions, resource limitations, societal unrest and rapid technology advancements

- 6 Institutional Resilience:** Contributing to institutional efforts to prepare for and address a growing number and range of risks
- 7 Faster, Better AND Cheaper:** Using technology to personalize services, automate work and increase agility
- 8 Putting People First:** Helping staff adapt, upskill and thrive in an era of rapid change and ongoing digital advancements
- 9 Taming the Digital Jungle:** Updating and unifying digital infrastructure and governance to increase institutional efficiency and effectiveness
- 10 (TIE) Building Bridges, Not Walls:** Increasing digital access for students while also safeguarding their privacy and data protection
(TIE) **Supportable, Sustainable and Affordable:** Developing an institutional strategy for new technology investments, pilots, policies and uses

STRATEGIC TECHNOLOGY PLANNING GROUP

Francisco Arteaga
Lieutenant, Police Department

Michelle August
*Professor/department chair
Computer Information and Office Technology*

Randy Basick
*Director of infrastructure and network services
Information Technology*

Dr. Michael Bates
*Dean, Science, Business
and Computer Technology*

Jessica Crotty
*Chief marketing and communications officer
Marketing and Communications*

Lisa Dyrda
Assistant dean, Center for Teaching and Learning

Kelly Grab
Compliance officer

Holly Katavich
*Manager of compensation and HRIS
Human Resources*

Dr. Sadya Khan
*Executive director, Institutional Research,
Planning and Effectiveness*

Karrie Mallo
Director of accounts receivable, Cashier's Office

Sherita Tyler
*Director of enterprise applications
and web services, Information Technology*

Dr. Dave Marcial
Dean, Enrollment Services

Kent Marshall
Dean, Students and Compliance Officer

Kam Sanghvi
Vice president, Information Technology

Thomas Yancey
*Director of client services
Information Technology*

9000 W. College Parkway, Palos Hills, IL 60465
morainevalley.edu

