



BOARD OF TRUSTEES
MONTGOMERY COLLEGE

PUBLIC BOARD MEETING AGENDA

Central Services Building • Room CT S108 • 9221 Corporate Blvd, Rockville, MD 20850

BOARD OF TRUSTEES

Gloria Aparicio Blackwell
Chair
TERM ENDS JUNE 30, 2020

Leslie S. Levine, PhD
First Vice Chair
TERM ENDS JUNE 30, 2021

Michael A. Brintnall, PhD
Second Vice Chair
TERM ENDS JUNE 30, 2023

Sarah Haj Hamad
Student Trustee
TERM ENDS JUNE 30, 2020

Kenneth J. Hoffman, MD
TERM ENDS JUNE 30, 2023

Michael J. Knapp
TERM ENDS JUNE 30, 2024

Frieda K. Lacey, EdD
TERM ENDS JUNE 30, 2024

Robert F. Levey
TERM ENDS JUNE 30, 2025

Maricé Morales
TERM ENDS JUNE 30, 2025

Marsha Suggs Smith
TERM ENDS JUNE 30, 2022

PRESIDENT AND SECRETARY-TREASURER

DeRionne P. Pollard, PhD

Monday, November 18, 2019

Brief Public Meeting for Sole Purpose of Voting on Motion
to Convene in Closed Session
CT S408 • 7:00 p.m.

**Reconvene Public Meeting in CT S108
8:00 p.m.**

1. Call to Order Procedural
2. Roll Call Procedural
3. Approval of Agenda..... Procedural
4. Comments Period Procedural
5. Approval of Minutes Action
 - A. October 21, 2019 Closed Session
 - B. October 21, 2019 Public Meeting
6. Tribute to Mr. Daniel L. Blumgart..... Action
7. Reports..... Information
 - A. Student Spotlight
 - B. President's Report (Dr. DeRionne P. Pollard)
 - C. Chair's Report (Ms. Gloria Aparicio Blackwell)
 - D. Committee and Liaison Reports
 - i. Financial Sustainability Committee (Trustee Suggs Smith)
 - ii. PIC MC Foundation Board (Trustee Brintnall)
8. Consent Agenda Action
 - A. Personnel Actions Confirmation Report
 - B. Policy Matters
 - i. Modification of Policy 39003–Protection Against Retaliation
 - ii. Retirement of Policy 72002–Art in College Capital Projects

-
- 9. Academic Matters Action
 - A. Modification of the Network and Information Technology Associate of Applied Science
 - B. Creation of the Building Trades Technology Certificate
 - C. Creation of Interior Design Certificate
 - 10. Recognition Action
 - Naming of the Finance Lab in Memory of Gordon and Marilyn Macklin
 - 11. Award of Contract (Competitive)..... Action
 - Award of Contract, NetApp Products and Services, Bid 520-010
 - 12. Budget Matter..... Action
 - The FY21 Capital Budget
 - 13. New Business Procedural
 - 14. Trustee Comments..... Procedural
 - 15. Adjournment..... Procedural

NOTICES

BOARD OF TRUSTEES INFORMATION. The board's meeting schedule, agendas, meeting minutes, and records of resolutions are available at www.montgomerycollege.edu/bot.

PUBLIC COMMENTS. The board welcomes public comments, which can be sent to trustees@montgomerycollege.edu or to Board of Trustees, 9221 Corporate Blvd, Rockville, Maryland 20850, ATTN: Public Comments.

PUBLIC TESTIMONY. Persons wishing to speak before the board during a public meeting must sign up no less than seven (7) days before the scheduled meeting by calling 240-567-5272 or emailing trustees@montgomerycollege.edu. An electronic file or a hard copy of the testimony must be provided to the Board of Trustees by 5:00 p.m. on the day of the public meeting. Persons speaking before the board are provided four minutes for comments. The board allots 16 minutes for comments during each public meeting, though this time may be extended for an additional specified period by motion of the board chair and agreement by two-thirds of board members present. Additional comment time may be scheduled at the end of the agenda prior to adjournment.

ALTERNATIVE AGENDA FORMAT. This agenda is available in an alternative format upon request, in accordance with the Americans with Disabilities Act, by contacting 240-567-5272 or trustees@montgomerycollege.edu at least two weeks prior to the scheduled board meeting.

COMMUNICATIONS ACCOMMODATIONS. For special accommodations in communicating with the board, contact 240-567-5272 or trustees@montgomerycollege.edu.

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Resolution Number:
Adopted on:

Agenda Item Number: 6
November 18, 2019

Subject: Tribute to Mr. Daniel L. Blumgart

WHEREAS, Mr. Daniel L. Blumgart served Montgomery College with enthusiasm and dedication for more than nine years as a full-time staff member until his untimely death on September 28, 2019, which deeply saddened the College community; and

WHEREAS, Sergeant Blumgart, affectionately known as “Dan,” served as a Department of Public Safety supervisor on the Germantown Campus; and

WHEREAS, Prior to his employment with the College, Mr. Blumgart honorably served and retired as a police detective corporal with the Montgomery County Police Department; and

WHEREAS, He was a leader in the department, reliable and proactive in his duties and served as the Germantown Campus weekend daytime supervisor since being promoted to sergeant; and

WHEREAS, He was known for his exemplary work ethic, attention to detail, positive attitude, and sense of humor; and

WHEREAS, Mr. Blumgart was widely recognized by his peers for his dedication to the College and the department, serving as an example and mentor to his officers; and

WHEREAS, He demonstrated the highest level of commitment and professionalism in serving faculty, students, and staff; and

WHEREAS, The senior vice president for administrative and fiscal services and the president of the College recommend this posthumous public recognition of Mr. Daniel L. Blumgart; now therefore be it

Resolved, That the members of the Board of Trustees express their sincere appreciation to the family of Mr. Daniel L. Blumgart for his outstanding service to the College and extend to them profound sympathy for the loss of their loved one; and be it further

Resolved, That this resolution become a part of the minutes of this Board of Trustees meeting, and a copy of this resolution be presented to the family of Mr. Daniel L. Blumgart.

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Agenda Item Number: 8A
November 18, 2019

PERSONNEL ACTIONS CONFIRMATION REPORT

BACKGROUND

The Board of Trustees by state law has the authority and the responsibility for appointments to the College. Each month the Board receives a summary of personnel actions from the Office of Human Resources and Strategic Talent Management on new hires and employees who have separated from the College.

RECOMMENDATION

It is recommended that the Board of Trustees adopt the attached report.

BACKUP INFORMATION

Board Resolution
Personnel Actions Confirmation Report
Policy 34001–Changes in Employee Status

RESPONSIBLE SENIOR ADMINISTRATOR

Ms. Schena

RESOURCE PERSON

Ms. Leitch Walker

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Resolution Number:
Adopted on:

Agenda Item Number: 8A
November 18, 2019

Subject: Personnel Actions Confirmation

WHEREAS, By state law the Board of Trustees has the authority and responsibility for appointments to the College; and

WHEREAS, The attached summary indicates related personnel actions taken by the College during the period September 1, 2019, through September 30, 2019; and

WHEREAS, The president of the College recommends that the Board adopt the following resolution; now therefore, be it

Resolved, That the Board of Trustees accepts the attached reports and confirms the actions of the president.

Attachments

MONTGOMERY COLLEGE
SUMMARY OF PERSONNEL ACTIONS
From September 1, 2019, through September 30, 2019

STAFF

STAFF EMPLOYMENTS

Effective Date	Name	Position Title	Grade	Department
09/09/2019	Chen, Deborah	Administrative Aide II	19	Biology and Chemistry Dean
09/23/2019	Li, Sophia L	Accountant I	23	Business Services
09/09/2019	Ray, Jennifer	Early College Program Coord	27	Sr VP for Academic Affairs
09/23/2019	Ren, Xumei	Senior Instructional Assistant	25	Engineering/Computer Science Dean
09/23/2019	Rogers, Frederick J	Grants Coordinator	25	Grants & Business Development
09/09/2019	Ucanay, Susan S	Enroll & Student Access Spec	23	CW Dean Stu Access-GT Stu Svcs
09/09/2019	Washington, Amari D	Administrative Aide II	19	Community Based Grants WDCE

STAFF SEPARATIONS

Effective Date	Name	Position Title	Grade	YOS	Department
09/28/2019	Blumgart, Daniel L ¹	Public Safety Shift Supv (Sgt)	25	9	Facilities Security – GT
09/27/2019	Daniels, Dana M	Financial Aid Assistant	19	5	Financial Aid
09/30/2019	Delisi, Teresa A ²	Child Care Services Manager	29	24	Child Care – GT
09/20/2019	Jablonska, Danuta M ²	Instructional Associate	25	20	Biology and Chemistry Dean
09/25/2019	Lazo, Maria D ²	Building Services Worker	11	19	Facilities – Central Admin
09/26/2019	Woods, Elizabeth D ²	Administrative Aide II	19	13	Sr VP for Academic Affairs

STAFF EMPLOYMENTS: Ethnicity and Gender

	White	Black	Hispanic	Asian	American Indian	Haw-PI	TOTAL
Female	0	2	1	3	0	0	6
Male	0	1	0	0	0	0	1
TOTAL	0	3	1	3	0	0	7

STAFF SEPARATIONS: Ethnicity and Gender

	White	Black	Hispanic	Asian	American Indian	Haw-PI	TOTAL
Female	3	1	1	0	0	0	5
Male	1	0	0	0	0	0	1
TOTAL	4	1	1	0	0	0	6

¹ Deceased

² Retirement

MONTGOMERY COLLEGE
SUMMARY OF PERSONNEL ACTIONS
From September 1, 2019, through September 30, 2019

FACULTY

FACULTY EMPLOYMENTS

Effective

Date	Name	Position Title	Location
09/03/2019	McClenithan, Tyler	Assistant Professor	CW Dean Stu Access-RV Stu Svcs
09/03/2019	Shine, Tonda	Associate Professor	CW Dean Stu Access-RV Stu Svcs

FACULTY SEPARATIONS: NONE

FACULTY EMPLOYMENTS: Ethnicity and Gender

	White	Black	Hispanic	Asian	American Indian	Haw-PI	TOTAL
Female	0	1	0	0	0	0	1
Male	1	0	0	0	0	0	1
TOTAL	1	1	0	0	0	0	2

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Agenda Item Number: 8Bi
November 18, 2019

MODIFICATION OF POLICY 39003–PROTECTION AGAINST RETALIATION

General Information

Policy Number:	39003
Contained in Chapter:	Chapter Three
Policy Title:	Protection Against Retaliation
Policy Creation Date:	June 25, 2018
Most Recent Modification Date:	June 25, 2018

Changes, Additions, Deletions

Line Number	Purpose
3-4	Inserted “and students” to comply with new Policy 45005–Student Concerns About Athletic Programs and Activities.
28	Inserted “or student” into the section on disciplinary action for violating the policy.
37-38	Inserted “or student” into the section on conduct that that is not protected by the policy.

RECOMMENDATION

It is recommended that the Board of Trustees adopt the modifications to Policy 39003–Protection Against Retaliation.

BACKUP INFORMATION

Resolution
Policy 39003–Protection Against Retaliation (revised version)

RESPONSIBLE SENIOR ADMINISTRATOR

Dr. Brown

RESOURCE PERSON

Ms. Duggan

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Resolution Number:
Adopted on:

Agenda Item Number: 8Bi
November 18, 2019

Subject: Modification of Policy 39003–Protection Against Retaliation

WHEREAS, The Board of Trustees created Policy 39003–Protection Against Retaliation in 2018; and

WHEREAS, The policy has served an important purpose in encouraging the reporting of alleged wrongdoing, and ensuring that members of the community who do so remain free from the fear of retaliation; and

WHEREAS, The policy has been reviewed by the appropriate College community stakeholders for their feedback and has been updated; and

WHEREAS, The president recommends that the Board adopt the modifications; now therefore be it

Resolved, That Policy 39003–Protection Against Retaliation be modified as indicated in the attached draft; and be it further

Resolved, That the president is authorized to implement these changes.

Chapter: Personnel

Modification No. **002**Subject: **Protection Against Retaliation**

-
- I. Montgomery College has an interest in encouraging the reporting of alleged wrongdoing, and members of the community must be free from fear of retaliation to support that interest. In addition, the College has a responsibility to protect its employees **and students** from unlawful retaliation.
 - II. It is the policy of Montgomery College to forbid anyone from taking any form of retaliatory action against any member of the Montgomery College community who, in good faith:
 - A. Voices concerns of ethical violations pursuant to established policies and procedures;
 - B. Seeks advice or aid in reporting wrongdoing pursuant to established policies and procedures;
 - C. Files a complaint or grievance pursuant to established policies and procedures;
 - D. Testifies or participates in investigations, proceedings or hearings pursuant to established policies and procedures;
 - E. Opposes actual or perceived violations of Montgomery College's policies and procedures or unlawful acts; or
 - F. Engages in any other protected activity defined by College policies and procedures.
 - III. When the College is made aware of possible retaliation, it will take immediate and appropriate steps to investigate. The College will take appropriate action, up to and including discharge, against any employee **or student** who violates this policy.
 - IV. Reports of retaliation will be kept confidential except to the extent that limited disclosure may be necessary for the purpose of conducting a full and fair investigation, providing opportunity for the subject to respond, taking remedial action, and responding to a government inquiry or legal action.
 - V. This policy does not protect an individual who files a report or provides information as part of an investigation that the individual knows is false, files a bad faith retaliation claim or participates in any illegal conduct. Such conduct may subject the employee **or student** to appropriate disciplinary action, up to and including discharge. The failure to substantiate a claim of wrongdoing does not automatically constitute malicious intent or bad faith.
 - VI. The president is authorized to develop and post procedures to implement this policy

Board Approval: June 25, 2018; **, 2019**

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Agenda Item Number: 8Bii
November 18, 2019

RETIREMENT OF POLICY 72002–ART IN COLLEGE CAPITAL PROJECTS

General Information

Policy Number:	72002
Contained in Chapter:	Chapter Seven
Policy Title:	Art in College Capital Projects
Policy Creation Date:	February 16, 1988

Reason for Policy Retirement

Montgomery County's public art collection has grown over the past 30 years to include an extensive range of artworks, which encompasses works on paper, freestanding sculpture, temporary exhibits and integrated pieces. In 1995, Montgomery County passed legislation to establish a single public art program, The Public Arts Trust. The Public Arts Trust works with public agencies throughout the design and construction process to ensure that artwork is appropriately sited and funded as a percent of Capital Improvement Plan public project budgets as well as by optional method developments that choose to pay into a public art fund. Montgomery College currently has representation on the Public Arts Trust, and all art in capital projects is subject to a specific set of guidelines promulgated by the Public Arts Trust. As such, and due to the College's representation on the Public Arts Trust, this policy is no longer necessary.

RECOMMENDATION

It is recommended that the Board of Trustees retire Policy 72002–Art in College Capital Projects.

BACKUP INFORMATION

Resolution
Policy 72002–Art in College Capital Projects

RESPONSIBLE SENIOR ADMINISTRATOR

Ms. Schena

RESOURCE PERSON

Mr. Mills

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Resolution Number:
Adopted on:

Agenda Item Number: 8Bii
November 18, 2019

Subject: Retirement of Policy 72002–Art in College Capital Projects

WHEREAS, The Board of Trustees created Policy 72002–Art in College Capital Projects in 1988; and

WHEREAS, The policy has served an important purpose in promoting the general welfare of the College's students, faculty, staff, and the community while affirming the desirability of incorporating works of art into all public architecture; and

WHEREAS, The language, authorities, and expectations are codified in county legislation and delegated to the Public Arts Trust, on which the College has representation; and

WHEREAS, The policy has been reviewed by the appropriate College community stakeholders for their feedback; and

WHEREAS, The president recommends that the Board retire the Policy; now therefore be it

Resolved, That Policy 72002–Art in College Capital Projects be retired as indicated in the attached draft; and be it further

Resolved, That the president is authorized to implement these changes.

Chapter: Facilities

Modification No. 001

Subject: **Art in College Capital Projects**

I. The Board of Trustees of Montgomery College, in order to promote the general welfare of the College's students, faculty, staff and of the community, affirms the desirability of incorporating works of art in all public architecture.

II. The President of the College is authorized to develop procedures to implement this policy.

Board Approval: February 16, 1988.

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Agenda Item Number: 9A
November 18, 2019

**MODIFICATION OF THE NETWORK AND INFORMATION TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE**

BACKGROUND

The 2017–2021 Maryland State Plan for Postsecondary Education includes the goals of access, success, and innovation to support student success with less debt. Montgomery College echoes those goals in the *Montgomery College 2025* strategic plan in Goal III: Fuel the Economy and Drive Economic Mobility by meeting the needs of local employers and ensuring learners of all ages are prepared to compete in the job market.

Montgomery College has been an innovative leader in the information technology industry since the early 1990s when the first microcomputing program was created for students entering the computer technician field. Over the years, the microcomputing and networking programs evolved to respond to the rapidly growing demands and changing skills in the information technology industry. Fast forward to 2019, and Montgomery College is updating a major program to address the gap between thousands of information technology jobs and a lack of qualified candidates to fill them.

Montgomery College is prepared to update the network and information technology associate of applied science degree (AAS) with a new program title and additional course options. The newly titled Cloud Computing and Networking Technology AAS reflects a new focus in today's world: on-demand cloud computing. Cloud computing is the on-demand delivery of computing power, database, storage, applications, and other information technology resources via the internet with pay-as-you-go pricing. Whether running applications to share photos to millions of mobile users or supporting business-essential operations, a cloud services platform provides rapid access to flexible- and low-cost IT resources.

As one of the most in-demand majors in the information technology field, cloud computing components have been infused into almost every networking course to strengthen program content with programming and analytic skills. The new networking course options provide a broad exposure to technical aspects of computer technology, networking, and security, as well as the communication skills and professionalism required of all entry-level information technology professionals. Skills include software and hardware installation, network configuration and diagnosis, fundamentals of security and forensics, and virtualization and cloud computing implementation. The hands-on and on-screen virtual experiences focus on scenarios in which troubleshooting and tools must be applied to resolve problems.

Montgomery College is preparing students to transfer to four-year universities and also to compete in the growing information technology field. The new program title is consistent with national trends within the information technology field at many four-year receiving institutions. Montgomery College's cloud computing program aligns with the George Mason University-Northern Virginia Community College and Amazon Web Services partnership; this allows students flexibility for transfer. Earning a cloud computing and networking technology AAS from

Montgomery College would be a distinction, especially since Amazon recently named Arlington, Virginia, as its new headquarters. The project will bring more than 25,000 new jobs over 12 years. This program has been developed and modified in consultation with Amazon and utilizes the Amazon Web Services curriculum. The Workforce Development & Continuing Education unit already offers Amazon Web Services courses. Montgomery College is a member of Amazon Web Services Educate.

The new program title requires notification to the Maryland Higher Education Commission. No additional faculty, staff, equipment, or facilities are required for the implementation of this program as the courses are already offered.

RECOMMENDATION

It is recommended that the Board of Trustees approve a program title change from the network and information technology AAS to the Cloud Computing and Networking Technology AAS, the addition of new course options, and that notification be submitted to the Maryland Higher Education Commission.

BACKUP INFORMATION

Board Resolution

Cloud Computing and Networking Technology AAS Curriculum (New)

Network and Information Technology AAS Curriculum (Current)

Section 13B.02.03.03 of the Education Article of the Annotated Code of Maryland

RESPONSIBLE SENIOR ADMINISTRATOR

Dr. Rai

RESOURCE PERSONS

Ms. Latimer

Dr. Kehnemouyi

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Resolution Number:
Adopted on:

Agenda Item Number: 9A
November 18, 2019

**Subject: Modification of the Network and Information Technology Associate of
Applied Science**

WHEREAS, The 2017–2021 Maryland State Plan for Postsecondary Education includes the goals of access, success, and innovation to support student success with less debt; and

WHEREAS, Montgomery College echoes those goals in the *Montgomery College 2025* strategic plan, Goal III: Fuel the Economy and Drive Economic Mobility by meeting the needs of local employers and ensuring learners of all ages are prepared to compete in the job market; and

WHEREAS, Montgomery College has been an innovative leader in the information technology industry since the early 1990s; and

WHEREAS, The microcomputing and networking programs evolved to respond to the rapidly growing demands and changing skills in the information technology industry; and

WHEREAS, Montgomery College is prepared to update the network and information technology AAS with a new program title and additional course options to address the gap between thousands of information technology jobs and a lack of qualified candidates to fill them; and

WHEREAS, The network and information technology AAS program title will be changed to the Cloud Computing and Networking Technology AAS to be consistent with national trends within the information technology field; and

WHEREAS, Cloud computing components have been infused into almost every networking course to strengthen program content with programming and analytic skills; and

WHEREAS, Montgomery College's cloud computing program aligns with the George Mason University-Northern Virginia Community College and Amazon Web Services partnership; and

WHEREAS, The program has been developed in consultation with Amazon and utilizes the Amazon Web Services curriculum; and

WHEREAS, The Workforce Development & Continuing Education unit already offers Amazon Web Services courses; and

WHEREAS, Montgomery College is a member of Amazon Web Services Educate; and

WHEREAS, Earning a cloud computing and networking technology AAS from Montgomery College would be a distinction, especially since Amazon recently named Arlington, Virginia, as its new headquarters; and

WHEREAS, No additional faculty, staff, equipment, or facilities are required for the implementation of this program; and

WHEREAS, The new title requires notification to the Maryland Higher Education Commission; and

WHEREAS, The senior vice president for academic affairs and the president of the College recommend the following action; now therefore be it

Resolved, That the members of the Board of Trustees approve the aforementioned modifications to the network and information technology AAS; and be it further

Resolved, That the president is authorized to notify the Maryland Higher Education Commission of these changes.

Program Title: Cloud Computing and Networking Technology AAS (New)

This curriculum provides students a broad coverage and technical understanding of computer technology, networking and security as well as the communication skills and professionalism required of all entry-level IT professionals. Skills include software and hardware installation, network configuration and diagnostics, security and forensics fundamentals, and virtualization and cloud computing implementation, with a "hands-on" focus on scenarios in which troubleshooting tools must be applied to resolve problems.

Program Requirements:

Course Designator	Title	Credits
Semester One		
ENGL 101	Introduction to College Writing*	3
NWIT 101 or CMSC 110	Introduction to the Internet of Things (IoT) or Computer Concepts	3
NWIT 105	Introduction to Cloud Computing	3
NWIT 127	Microcomputer Essentials	3
MATF	Mathematics Foundation (MATF)	3
Semester Two		
CMSC 135 or CMSC 140	Introduction to Scripting or Introduction to Programming	3
NWIT 151	Introduction to Networking	3
NWIT 170	Network Operating Systems	3
NWIT 173	Network Security	3
ENGF	English Foundation (ENGF)	3
Semester Three		
COMM 108 or COMM 112	Foundations of Human Communication (GEEL) or Business and Professional Speech Communication (GEEL)	3
CMSC 253	UNIX/LINUX System Administration	4
NWIT 203	Microsoft Windows Server	3
ARTD or HUMD	Arts or Humanities Distribution (ARTD or HUMD)	3
Semester Four		
NWIT 204	Network Virtualization and System Administrator	4
NWIT 264	Network Forensics	3
BSSD	Behavioral and Social Sciences Distribution	3
NSLD	Natural Sciences Distribution with Lab	4
Program Elective	NWIT or CMSC or DATA or TECH Elective	3
Total Credits		60

* ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or NWIT or CMSC elective.

Program Outcomes:

Outcome	Upon completion of this program a student will be able to:
1	Install, maintain and evaluate computer networks.
2	Describe network architecture concepts, including topology, protocols, components, and principles.
3	Demonstrate best practices in the use of lab equipment and network hardware.
4	Create a detailed plan showing the steps necessary to implement a network security system.
5	Test and configure network services, devices, and peripherals.
6	Review data and identify relevant evidence using current forensic tools.
7	Describe the evolution of cloud computing and major methods of deployment.
8	Design and implement cloud applications that can scale up on a VM (Virtual Machine) and out across multiple VMs.

Program Title: Network and Information Technology AAS (Current)

This curriculum provides students a broad coverage of technical understanding of computer technology, networking and security as well as the communication skills and professionalism required of all entry-level IT professionals. Skills included software and hardware installation, network configuration and diagnosing, security and forensics fundamentals, and virtualization and cloud computing implementation, with more of a “hands-on” orientation focused on scenarios in which troubleshooting and tools must be applied to resolve problems.

Program Requirements:

Course Designator	Title	Credits
Semester One		
ENGL 101	Introduction to College Writing*	3
NWIT 101	Introduction to the Internet of Things (IoT)	3
NWIT 105	Introduction to Cloud Computing	3
NWIT 127	Microcomputer Essentials	3
MATF	Mathematics Foundation (MATF)	3
Semester Two		
NWIT 130	Network Cabling Technology	3
NWIT 151	Introduction to Networking	3
NWIT 170	Network Operating Systems	3
NWIT 173	Network Security	3
ENGF	English Foundation (ENGF)	3
Semester Three		
COMM 108 or COMM 112	Foundations of Human Communication (GEEL) or Business and Professional Speech Communication (GEEL)	3
CMSC 253	UNIX/LINUX System Administration	4
NWIT 203	Microsoft Windows Server	3
ARTD or HUMD	Arts or Humanities Distribution (ARTD or HUMD)	3
Semester Four		
NWIT 204	Network Virtualization and System Administrator	4
NWIT 264	Network Forensics	3
BSSD	Behavioral and Social Sciences Distribution	3
NSLD	Natural Sciences Distribution with Lab	4
NWIT or CMSC Elective	NWIT or CMSC Elective	3
Total Credits		60

* ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or NWIT or CMSC elective.

Program Outcomes:

Outcome	Upon completion of this program a student will be able to:
1	Install, maintain and evaluate computer networks.
2	Describe network architecture concepts, including topology, protocols, components, and principles.
3	Demonstrate best practices in the use of lab equipment and network hardware.
4	Create a detailed plan showing the steps necessary to implement a network security system.
5	Test and configure network services, devices, and peripherals.
6	Review data and identify relevant evidence using current forensic tools.
7	Describe the evolution of cloud computing and major methods of deployment.
8	Design and implement cloud applications that can scale up on a VM (Virtual Machine) and out across multiple VMs.

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Agenda Item Number: 9B
November 18, 2019

CREATION OF THE BUILDING TRADES TECHNOLOGIES CERTIFICATE

BACKGROUND

The 2017–2021 Maryland State Plan for Postsecondary Education includes the goals of access, success, and innovation to support student success with less debt. Montgomery College echoes those goals by affirming its *Montgomery College 2025* strategy under Goal II: Enhance Transformational Teaching Practices and Learning Environments, to implement curricular changes to meet the needs of the 21st century college.

The building trades discipline at Montgomery College has been offering courses for almost 30 years. The programs are a direct result of ongoing partnerships with local businesses and industry to identify and respond to the technical training needs of our community. These programs can be a life-changing offering for students that have few options to redirect their lives.

As part of the 2016–2017 academic program review process, the College Area Review committee recommended the consolidation of the four existing Montgomery College programs of study—carpentry, electrical wiring, HVAC, and residential remodeling and repair—into one cohesive program of study: the new building trades technologies certificate. This consolidated program will provide a timely avenue for industry recognition and certification for our students. In addition, it will streamline curriculum maintenance and management for the discipline and allow the department to track student enrollment and the graduation rate under one program. Upon approval of the new building trades technologies certificate, the four existing certificates will be suspended to allow student completion, and then deleted after the enrollment is exhausted.

The curriculum continues to consist of a mixture of lecture courses and lab courses focused on equipment use that prepare students for entry-level employment or career advancement in the building and construction industry. Certification options and industry examinations are incorporated in the courses, thus preparing students to succeed according to industry metrics and standards. Credits may be applied to the building trades technology associate of applied science program.

The proposed program requires no further resources for implementation as the courses are already offered at the College. Resources from the four separate Montgomery College programs of study—carpentry, electrical wiring, HVAC, and residential remodeling and repair—will be merged to support and strengthen the building trades technologies certificate. Dedicated faculty, state-of-the-art facilities, and present day equipment resources are already in place.

Upon the Board's approval, an application will be submitted for state approval to the Maryland Higher Education Commission.

RECOMMENDATION

It is recommended that the Board of Trustees approve the new building trades technologies certificate and that an application for approval be submitted to the Maryland Higher Education Commission.

BACKUP INFORMATION

Building Trades Technologies Certificate Curriculum (proposed)
Carpentry Certificate Curriculum (current)
Electrical Wiring Certificate Curriculum (current)
HVAC Certificate Curriculum (current)
Residential Remodeling and Repair Certificate Curriculum (current)
Section 13B.02.03.03 of the Education Article of the Annotated Code of Maryland

RESPONSIBLE SENIOR ADMINISTRATOR

Dr. Rai

RESOURCE PERSONS

Mr. Payne
Mr. Roberts
Mr. Vilmar

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Resolution Number:
Adopted on:

Agenda Item Number: 9B
November 18, 2019

Subject: Creation of the Building Trades Technologies Certificate

WHEREAS, The 2017–2021 Maryland State Plan for Postsecondary Education includes the goals of access, success, and innovation to support student success with less debt; and

WHEREAS, Montgomery College echoes those goals by affirming its *Montgomery College 2025* strategy under Goal II: Enhance Transformational Teaching Practices and Learning Environments, to implement curricular changes to meet the needs of the 21st century college.

WHEREAS, The building trades discipline has been offering courses for almost 30 years; and

WHEREAS, These programs can be a life-changing offering for students; and

WHEREAS, In the 2016–2017 academic program review process, the College Area Review committee recommended the consolidation of the four existing curricula—carpentry, electrical writing, HVAC, and residential remodeling and repair—to one cohesive building trades technologies certificate; and

WHEREAS, The consolidated program will provide a timely avenue for industry recognition and certification for students; and

WHEREAS, The consolidated program will also streamline curriculum maintenance and management for the discipline and allow the department to track student enrollment and the graduation rate under one program; and

WHEREAS, The curriculum consists of a mixture of lecture courses and lab courses focused on equipment use that prepare students for entry-level employment or career advancement in the building and construction industry; and

WHEREAS, Credits may be applied to the building trades technology associate of applied science program; and

WHEREAS, Upon approval of the new building trades technologies certificate, the four existing certificates will be deleted; and

WHEREAS, No additional faculty, staff, equipment, or facilities are required for the implementation of this program; and

WHEREAS, The senior vice president for academic affairs and the president of the College recommend the following action; now therefore be it

Resolved, That the members of the Board of Trustees approve the aforementioned creation of the building trades technologies certificate; and be it further

Resolved, That the president is authorized to notify the Maryland Higher Education Commission of these changes.

Program Title: Building Trades Technologies Certificate (Proposed)

This certificate curriculum prepares students for employment or advancement in the building and construction industry. A combination of academic and practical instruction provides knowledge and skills that are necessary for success in these professions. Credits may also be applied to the Building Trades Technology AAS degree.

Program Requirements:

Course Designator	Title	Credits
BLDG 130	Introduction to the Building Trades	3
BLDG 133	Building Trades Blueprint Reading	3
	Program Electives*	15
	Total Credits	21

* All students should contact a department faculty advisor during first semester of enrollment and choose the 15 credits of electives from; BLDG 140, BLDG 150, BLDG 160, BLDG 170, BLDG 172, BLDG 174, BLDG 184, BLDG 230, BLDG 240, BLDG 250, BLDG 252, BLDG 256, BLDG 271, BLDG 273, BLDG 284.

Program Outcomes:

Outcome	Upon completion of this program a student will be able to:
1	Work effectively as a team member with various construction tradespeople and personnel.
2	Describe the construction process as it applies to residential buildings.
3	Perform practical construction skills as it applies to buildings.

Program Title: Carpentry Certificate (Current)

This certificate curriculum prepares individuals for employment or advancement in the carpentry trade of the building and construction industry. A combination of academic and practical instruction will provide individuals with knowledge and skills that are necessary for success in this profession. Credits may also be applied to the building trades technology AAS degree.

Program Requirements:

Course Designator	Title	Credits
BLDG 130	Introduction to the Building Trades	3
BLDG 133	Building Trades Blueprint Reading	3
BLDG 140	Fundamentals of Carpentry	4
BLDG 230	Building Codes and Standards	3
BLDG 240	Advanced Framing and Exterior Finishing	4
BLDG 242	Remodeling and Interior Finishing	4
	Total Credits	21

Program Outcomes:

Outcome	Upon completion of this program a student will be able to:
1	Demonstrate the ability to work effectively as a team member with various construction trades and personnel.
2	Describe effectively the construction process as it applies to residential buildings.
3	Apply practical carpentry skills.
4	Communicate written, verbal, and visual information as it relates to carpentry.

Program Title: Electrical Wiring Certificate (Current)

This certificate curriculum prepares individuals for employment or advancement in the electrical trade of the building and construction industry. A combination of academic and practical instruction will provide individuals with knowledge and skills that are necessary for success in the electrical profession. Credits may also be applied to the Building Trades Technology AAS degree.

Program Requirements:

Course Designator	Title	Credits
BLDG 130	Introduction to the Building Trades	3
BLDG 133	Building Trades Blueprint Reading	3
BLDG 150	Fundamentals of Electrical Wiring	4
BLDG 250	Residential Electrical Wiring	4
	Program Electives ‡	5-7
	Total Credits	19-21

‡ Select from BLDG 184, BLDG 186, BLDG 252, BLDG 256, BLDG 284.

Program Outcomes:

Outcome	Upon completion of this program a student will be able to:
1	Demonstrate the ability to work effectively as a team member with various construction trades and personnel.
2	Describe effectively the construction process as it applies to residential buildings.
3	Apply practical construction skills in electrical wiring.
4	Communicate written, verbal, and visual information as it relates to electrical wiring.

Program Title: HVAC Certificate (Current)

This certificate curriculum prepares individuals for employment or advancement in the HVAC trade of the building and construction industry. A combination of academic and practical instruction will provide individuals with knowledge and skills that are necessary for success in the HVAC profession. Credits may also be applied to the building trades technology AAS degree.

Program Requirements:

Course Designator	Title	Credits
BLDG 130	Introduction to the Building Trades	3
BLDG 133	Building Trades Blueprint Reading	3
BLDG 170	Fundamentals of Refrigeration	4
BLDG 172	HVAC Electricity	4
BLDG 174	HVAC Technician Development	2
BLDG 271	Heating Systems	4
BLDG 273	Air Conditioning and Heat Pump Systems	4
	Total Credits	24

Program Outcomes:

Outcome	Upon completion of this program a student will be able to:
1	Demonstrate the ability to work effectively as a team member with various construction trades and personnel.
2	Describe effectively the construction process as it applies to residential buildings.
3	Apply practical construction skills in HVAC.
4	Communicate written, verbal, and visual information as it relates to the HVAC trade.

Program Title: Residential Remodeling and Repair Certificate (Current)

This certificate curriculum prepares individuals for employment in the remodeling and repair sector of the building and construction industry. A combination of academic and practical instruction will provide individuals with knowledge and skills that are necessary for success in this profession. Credits may also be applied to the building trades technology AAS degree.

Program Requirements:

Course Designator	Title	Credits
BLDG 130	Introduction to the Building Trades	3
BLDG 133	Building Trades Blueprint Reading	3
BLDG 140	Fundamentals of Carpentry	4
BLDG 242	Remodeling and Interior Finishing	4
BLDG 150	Fundamentals of Electrical Wiring	4
BLDG 160	Fundamentals of Plumbing	4
	Total Credits	22

Program Outcomes:

Outcome	Upon completion of this program a student will be able to:
1	Demonstrate the ability to work effectively as a team member with various construction trades and personnel.
2	Effectively describe the construction process as it applies to residential buildings.
3	Apply practical construction skills in various trades areas.
4	Communicate written, verbal, and visual information as it relates to the remodeling process.

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Agenda Item Number: 9C
November 18, 2019

CREATION OF THE INTERIOR DESIGN CERTIFICATE

BACKGROUND

The 2017–2021 Maryland State Plan for Postsecondary Education includes the goals of access, success, and innovation to support student success with less debt. Montgomery College echoes those goals by affirming its *Montgomery College 2025* strategy under Goal II: Enhance Transformational Teaching Practices and Learning Environments, to implement curricular changes to meet the needs of the 21st century college.

The interior design discipline at Montgomery College has been offering courses for more than 30 years in the form of an associate of arts (AA) degree and an associate of applied science (AAS) degree. In order to meet the evolving needs of our students and the community, the Maryland Higher Education Commission approved the interior design certificates in 2003 for students wishing to study interior design but who do not have the time to complete a degree.

As part of the 2016–2017 academic program review process, the College Area Review committee recommended the consolidation of the two existing Montgomery College programs of study—introductory interior design and advanced interior design—into one cohesive program of study: the new interior design certificate. This consolidated program will provide a timely avenue for industry recognition and certification for our students. In addition, it will streamline curriculum maintenance and management for the discipline and allow the department to track student enrollment and the graduation rate under one program. Upon approval of the new interior design certificate, the two existing certificates will be suspended to allow student completion, and then deleted after the enrollment is exhausted.

The revised curriculum provides an opportunity for new skills for interior-design related careers or for a change in job specialization. The curriculum includes a general foundation core education in interior design, combined with technical and specialized education in advanced design topics such as lighting; kitchen; bath; office; furniture, fixtures, and equipment specifications; and other specialty career options within the profession. Credits may be applied to the interior design AA and AAS programs.

The proposed program requires no further resources for implementation as the courses are already offered at the College. Resources from the two separate Montgomery College programs of study—introductory interior design and advanced interior design—will be merged to support and strengthen the consolidated interior design certificate. Dedicated faculty, state-of-the-art facilities, and present day equipment resources are already in place.

Upon the Board's approval, an application will be submitted for state approval to the Maryland Higher Education Commission.

RECOMMENDATION

It is recommended that the Board of Trustees approve the new interior design certificate and that an application for approval be submitted to the Maryland Higher Education Commission.

BACKUP INFORMATION

Interior Design Certificate Curriculum (proposed)
Introductory Interior Design Certificate Curriculum (current)
Advanced Interior Design Certificate Curriculum (current)
Section 13B.02.03.03 of the Education Article of the Annotated Code of Maryland

RESPONSIBLE SENIOR ADMINISTRATOR

Dr. Rai

RESOURCE PERSONS

Mr. Payne
Mr. Roberts
Ms. Vilmar

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Resolution Number:
Adopted on:

Agenda Item Number: 9C
November 18, 2019

Subject: Creation of the Interior Design Certificate

WHEREAS, The 2017–2021 Maryland State Plan for Postsecondary Education includes the goals of access, success, and innovation to support student success with less debt; and

WHEREAS, Montgomery College echoes those goals by affirming its *Montgomery College 2025* strategy under Goal II: Enhance Transformational Teaching Practices and Learning Environments, to implement curricular changes to meet the needs of the 21st century college.

WHEREAS, The interior design discipline has offered courses for more than 30 years; and

WHEREAS, In 2003, the Maryland Higher Education Commission approved the interior design certificates for students who do not have the time to complete a degree; and

WHEREAS, In the 2016–2017 academic program review process, the College Area Review committee recommended the consolidation of the two existing curricula—introductory interior design and advanced interior design—to one interior design certificate; and

WHEREAS, The consolidated program will provide a timely avenue for industry recognition and certification for students; and

WHEREAS, The consolidated program will also streamline curriculum maintenance and management for the discipline and allow the department to track student enrollment and the graduation rate under one program; and

WHEREAS, The curriculum includes a general foundation core education in interior design, combined with technical and specialized education in advanced design topics such as lighting; kitchen; bath; office; furniture, fixtures, and equipment specifications; and other specialty career options within the profession; and

WHEREAS, Credits may be applied to the interior design AA and AAS programs; and

WHEREAS, Upon approval of the new interior design certificate, the two existing certificates will be suspended to allow student completion and then deleted after enrollment is exhausted; and

WHEREAS, No additional faculty, staff, equipment, or facilities are required for the implementation of this program; and

WHEREAS, The senior vice president for academic affairs and the president of the College recommend the following action; now therefore be it

Resolved, That the members of the Board of Trustees approve the aforementioned creation of the new interior design certificate; and be it further

Resolved, That the president is authorized to notify the Maryland Higher Education Commission of these changes.

Program Title: Interior Design Certificate (Proposed)

This curriculum provides new skills for interior-design related careers or for a change in job specialization. It includes general foundation core education in interior design, combined with technical and specialized education in advanced design topics, such as lighting, kitchen, bath, office, FF&E specifications (movable or fixed furniture, fixtures and equipment), and other specialty career options within the interior design profession.

Program Requirements:

Course Designator	Title	Credits
IDES 101	Interior Design I	3
IDES 107	Interiors: Design Principles*	3
IDES 110	Interiors: Technical Drawing and Drafting	3
IDES 116 or IDES 120 or Elective	Interiors: Advanced Presentation Techniques* or Interiors: Computer Presentation Techniques* or Elective†	3
IDES 221	Interior Design: Residential*	3
IDES 222	Interior Design: Commercial*	3
IDES 272	Business Practices and Procedures for Interior Design*	3
	Total Credits	21

* This IDES course may not be offered every semester.

† Select elective in consultation with interior design adviser from the list of disciplines ACCT, ARCH, ARTT, BLDG, BSDA, CMGT, GDES, HMG, IDES, LNTP, PHOT.

Program Outcomes:

Outcome	Upon completion of this program a student will be able to:
1	Apply design principles and color theory in the execution of interior design projects.
2	Identify the correct textiles, materials, finishes, and furniture for simple specifications.
3	Collect and interpret the data necessary to solve simple interior design problems.
4	Execute basic presentation and construction drawings.
5	Articulate basic ethical considerations related to the interior design profession.

Program Title: Advanced Interior Design Certificate (Current)

This curriculum is intended to upgrade skills for currently employed individuals in interiors-related careers, to provide new skills, or to provide skills for a change in job specialization. The concentration is on technical and specialized education in advanced design topics, such as lighting, kitchen, bath, office, AA specifications, and other specialty career options within the interior design profession. Portfolio and/or résumé review approval by the program adviser is required prior to enrollment in the advanced courses.

Program Requirements:

Course Designator	Title	Credits
IDES 116 and/or IDES 120	Interiors: Advanced Presentation Techniques* and/or Interiors: Computer Presentation Techniques*	3
IDES 211 and/or IDES 212	Historic Interiors I* and/or Historic Interiors II*	3
IDES 221 and/or IDES 222	Interior Design: Residential* and/or Interior Design: Commercial Contract*	3
IDES 272	Business Practices and Procedures for Interior Design*	3
Elective	ARCH and/or IDES Program Electives†	9-18
Total Credits		21-30

* This IDES course may not be offered every semester.

† IDES program electives: IDES 234, IDES 262, IDES 275, one-credit IDES program elective, or ARCH elective as determined in consultation with the interior design adviser.

Program Outcomes:

Outcome	Upon completion of this program a student will be able to:
1	Apply design principles and color theory in the execution of interior design projects.
2	Identify the correct textiles, materials, finishes, and furniture for specifications.
3	Collect and interpret the data necessary to solve interior design problems.
4	Execute presentation and construction drawings.
5	Be familiar with interior design principles and ethics.

Program Title: Introductory Interior Design Certificate (Current)

This curriculum is intended to provide new skills for individuals with no previous related education or experience; for students currently employed in unrelated careers, intending to make a significant career change; and for individuals intending to enter a first career in an entry-level assistantship position. Focus includes general foundation core education in interior design, combined with advanced and more technical courses, geared specifically to meet the career goals of the student. Course selection requires close supervision by the interior design adviser.

Program Requirements:

Course Designator	Title	Credits
IDES 101	Interior Design I	3
IDES 107	Interiors: Design Principles*	3
IDES 110	Interiors: Technical Drawing and Drafting	3
IDES 111	Interior Design II*	3
IDES 116 or IDES 120	Interiors: Advanced Presentation Techniques* and/or Interiors: Computer Presentation Techniques*	3
IDES 211 or Elective	Historic Interiors I* and/or IDES Program Elective	3
IDES 221 or Elective	Interior Design: Residential* and/or IDES Program Elective	3
IDES 272	Business Practices and Procedures for Interior Design*	3
Elective	IDES Program Elective†	6
Total Credits		30

* This IDES course may not be offered every semester.

† IDES program electives: IDES 221, IDES 222, IDES 234, IDES 275, one-credit IDES program elective. Select electives in consultation with interior design adviser.

Program Outcomes:

Outcome	Upon completion of this program a student will be able to:
1	Apply design principles and color theory at a basic level in the execution of interior design projects.
2	Identify the correct textiles, materials, finishes, and furniture for simple specifications.
3	Collect and interpret the data necessary to solve simple interior design problems.
4	Execute basic presentation and construction drawings.
5	Be familiar with interior design principles and ethics.

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Agenda Item Number: 10
November 18, 2019

**NAMING OF THE FINANCE LAB
IN MEMORY OF GORDON AND MARILYN MACKLIN**

BACKGROUND

In the fall of 2019, Montgomery College Foundation received a gift of \$1.22 million from The Gordon and Marilyn Macklin Foundation for the creation of The Gordon and Marilyn Macklin Business Institute (MBI) Finance Lab to be located on the Rockville Campus. This finance lab, which will provide finance education and finance experiential learning experiences to students, will be among the first community colleges ever that will provide this education and lab space to its students and the community. The gift also includes support for simulated finance experiences and transfer scholarships. This innovative initiative would not have been possible without the enthusiastic interest and generous support of The Gordon and Marilyn Macklin Foundation and its president, Donald Dawn, the nephew of the late Gordon Macklin.

MBI was established in 1999 through a major gift from Gordon and Marilyn Macklin. Gordon Macklin, the former president of the National Association of Securities Dealers, Inc. (NASD), helped create the NASDAQ stock exchange in 1971. Marilyn Macklin was an alumna of Montgomery College. The Macklins envisioned the institute as a place where the values of education, business, and civic responsibility would come together in a creative way to facilitate future educational and career successes. Originally a one-year, sophomore-level honors business program, MBI has since grown to incorporate an additional two-year program for students applying to Montgomery College as freshmen. MBI is an experiential learning program for business students to get hands-on experience in the business world and local community. Mr. Dawn has continued the legacy of his late aunt and uncle through continued support of MBI along with being actively engaged with the MBI students through seminars, scholarship luncheons, and the Raptor Tank program, among other activities.

Since the creation of the Macklin Business Institute at Montgomery College, The Macklin Foundation has donated more than \$3.7 million in support of the program and its students.

In recognition of the generous gifts made by The Gordon and Marilyn Macklin Foundation, it is proposed to name this finance lab as The Gordon and Marilyn Macklin Business Institute Finance Lab.

RECOMMENDATION

It is recommended that the Board of Trustees approve the proposed resolution to name the new finance lab as The Gordon and Marilyn Macklin Business Institute Finance Lab.

BACKUP INFORMATION

Board Resolution
Policy 74001–Naming Campuses, Facilities, Buildings, Rooms, and Institutes

RESPONSIBLE SENIOR ADMINISTRATORS

Mr. Sears
Dr. Rai

RESOURCE PERSONS

Dr. Kelley
Dr. Davis
Mr. Lang
Ms. Matthews

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Resolution Number:
Adopted on:

Agenda Item Number: 10
November 18, 2019

Subject: Naming of the Finance Lab in Memory of Gordon and Marilyn Macklin

WHEREAS, Montgomery College wishes to recognize and honor a long-time donor, The Gordon and Marilyn Macklin Foundation, for its extraordinary philanthropy, which has provided and will continue to provide support for the future of Montgomery College; and

WHEREAS, The Macklin Foundation has been the lead private supporter of the finance lab and a long-time generous donor to The Gordon and Marilyn Macklin Business Institute through gifts to the Montgomery College Foundation; and

WHEREAS, Montgomery College will create this finance lab in The Gordon and Marilyn Macklin Tower on the Rockville Campus; and

WHEREAS, Montgomery College determines that naming the new finance lab in recognition of The Gordon and Marilyn Macklin Foundation's generosity is an appropriate recognition for a leadership gift of this level; and

WHEREAS, The Gordon and Marilyn Macklin Foundation made the lead \$1.22 million gift for initiating a matching gift challenge to create the finance lab; and

WHEREAS, The president recommends this action; now therefore be it

Resolved, That the Board of Trustees approves the naming of the finance lab to be located in The Gordon and Marilyn Macklin Tower on the Rockville Campus, as The Gordon and Marilyn Macklin Business Institute Finance Lab in recognition of The Macklin Foundation's generous support of the College's mission.

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Agenda Item Number: 11
November 18, 2019

AWARD OF CONTRACT, NETAPP PRODUCTS AND SERVICES, BID 520-010

BACKGROUND

Request:	Purchase of NetApp storage products and services
Office/SVP Originating Request:	Senior Vice President for Administrative and Fiscal Services and Interim Chief Information Officer
Award Type:	Competitive
Bid Number:	520-010
Explanation of Request:	<p>All of Montgomery College's business critical application and data are centrally stored in NetApp data storage system equipment located at College data centers. As such, the reliability, built-in redundancies, and quality of this storage system are vital to the institution. Applications supported by this storage system include, but are not limited to, the student information system, human resources and finance systems, the student portal, active directory, door access control, and camera systems. This resolution requests an award of contract for the purchase of replacement equipment, associated maintenance and support services, and the purchase of future equipment. This will ensure the College's business critical applications and data are always available.</p> <p>Without this equipment, associated maintenance and support, the College's core information technology systems would be at risk of being unavailable to students, faculty, and staff.</p>
Reason Being Brought to Board:	Board approval is required for all contract awards valued over \$250,000.
Certification:	The director of procurement certifies that specifications were developed by appropriate College staff, and the chief business/financial strategy officer certifies that expenditures are planned for and available in the FY20 capital budget.
Annual Dollar Amount:	\$500,000 (Not-to-exceed)
Vendor Name:	Slait Consulting
Vendor Address:	13595 Dulles Technology Drive Herndon, Virginia 20171
Term of Contract:	One year (12/1/2019 – 11/30/2020) with four one-year renewal options
Minority Status	NA

RECOMMENDATION

It is recommended that the Board of Trustees approve an award of contract for the purchase of NetApp products and services for a one-year term, to Slait Consulting of Herndon, Virginia, for a total not-to-exceed annual amount of \$500,000.

It is further recommended that the contract be renewed for four additional one-year periods under the terms and conditions, at the sole discretion of the College, provided services are satisfactory, funding is available, and renewals are in the best interest of the College. The total five-year contract not-to-exceed amount is \$2,500,000.

BACKUP INFORMATION

Board Resolution

Bid Summary (Board Members Only)

Bidders List (Board Members Only)

RESPONSIBLE SENIOR ADMINISTRATOR

Ms. Schena

RESOURCE PERSONS

Ms. Miller

Mr. Johnson

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Resolution Number:
Adopted on:

Agenda Item Number: 11
November 18, 2019

Subject: Award of Contract, NetApp Products and Services, Bid 520-010

WHEREAS, The senior vice president for administrative and fiscal services and the interim chief information officer are requesting an award of contract for the purchase of NetApp products and services; and

WHEREAS, All of Montgomery College's business critical applications and data are stored in NetApp data storage system equipment located at College data centers, and the reliability, built-in redundancies, and quality of this data storage equipment are vital to the institution; and

WHEREAS, Purchasing replacement equipment, associated maintenance and support services, and future equipment will ensure the College's business critical applications and data are always available; and

WHEREAS, The director of procurement certifies that specifications were developed by appropriate College staff, and the chief business/financial strategy officer certifies that expenditures are planned for and available in the FY20 capital budget; and

WHEREAS, Pursuant to Md. (Educ.) Code Ann. Sec. 16-311(c), a request for bid was publicly advertised on September 19, 2019, on the Montgomery College Procurement and the state of Maryland eMaryland Marketplace Advantage websites; and

WHEREAS, 37 firms downloaded the request for bid, and one response was received, read aloud, and recorded, beginning at 3:00 p.m. on October 4, 2019;

WHEREAS, Upon review of submitted pricing by the procurement staff, Slait Consulting of Herndon, Virginia, has been declared qualified and responsive-responsible, meeting all College solicitation requirements; and

WHEREAS, Awards resulting from competitive sealed bids valued above \$250,000 require Board of Trustees approval; and

WHEREAS, The president of the College recommends the following action; now therefore be it

Resolved, That the Board of Trustees approve an award of contract for the purchase of NetApp products and services for a one-year term, to Slait Consulting of Herndon, Virginia for a total annual not-to-exceed amount of \$500,000; and be it further

Resolved, That the contract be renewed for four additional one-year periods under the same terms and conditions, at the sole discretion of the College, provided services are satisfactory, funding is available, and renewals are in the best interest of the College, where the total five-year contract not-to-exceed amount is \$2,500,000.

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Agenda Item Number: 12
November 18, 2019

ADOPTION OF FY21 CAPITAL BUDGET

BACKGROUND

The proposed FY21 capital budget and six-year FY21–26 capital improvements program were presented and discussed at the October 21, 2019, Board of Trustees meeting. The capital improvements program is supported by and implements the College's Facilities Master Plan. The request for FY21 is the first half of the FY21–22 biennial capital budget and totals \$32,465,000. A copy of the proposed capital budget was distributed to the Board at its October meeting. One change to the budget was requested by the Board, which resulted in an increase to the planned life-cycle asset replacement project request from \$3 million per year in fiscal years FY21 to FY24 to \$4 million per year. The Board's adoption of the proposed FY21 capital budget is necessary for the county executive's consideration of these requests in the county's capital improvements program. The attached summary table shows the proposed FY21 request by project, along with the adopted FY20 appropriation for each project.

RECOMMENDATION

It is recommended that the Board of Trustees adopt the FY21 capital budget, which requests a total of \$32,465,000 in FY21 and authorize the transmittal of the budget to the county government.

BACKUP INFORMATION

Board Resolution
FY21 Capital Budget Summary

RESPONSIBLE SENIOR ADMINISTRATOR

Ms. Schena

RESOURCE PERSON

Mr. Mills

**BOARD OF TRUSTEES
MONTGOMERY COLLEGE**
Rockville, Maryland

Resolution Number:
Adopted on:

Agenda Item Number: 12
November 18, 2019

Subject: Adoption of the FY21 Capital Budget

WHEREAS, On the basis of the College's Facilities Master Plan and future enrollment projections, the proposed FY21 capital budget and six-year FY21–26 capital improvements program have been developed by appropriate College personnel; and

WHEREAS, The proposed FY21 biennial capital budget and six-year FY21–26 capital improvements program must be transmitted to the Montgomery county government for inclusion in the county executive's recommended capital improvements program; and

WHEREAS, The president of the College recommends the following action; now therefore be it

Resolved, That the Board of Trustees adopts the proposed FY21 capital budget and six-year FY21–26 capital improvements program and authorizes the president of the College to transmit the project description forms to the county executive for review and recommendation in the county's capital improvements program.