

COURSE INFORMATION	
Course	
Title	Internet Application Development
Number	ICS 325
Section	01
Modality	Classroom / Face-to-face / Zoom
Term	Spring 2024
Credits	4
Class Sessions	
Day	Tuesdays
Time	6:00 PM to 9:50 PM
Location	Zoom
Course Dates	January 9 th , 2024– April 30 th , 2024
Important Dates	Last day to drop this course: January 12 th , 2024. The last day to withdraw from this course is April 8 th , 2024.
Class Webpage	On Desire2Learn(D2L) - https://metrostate.learn.minnstate.edu/d2l/home/6414936
Prerequisites	This course requires both of these prerequisite categories 1. ICS 225 - Web Design and Implementation (Minimum grade: 1.66 GPA Equivalent) And 2. One of these two Placement at Discrete Mathematics Level MATH 215 - Discrete Mathematics
Textbook	PHP and MySQL Web Development By Welling, Luke / Thomson, Laura Edition : 5TH 17 Publisher : PEARSON ISBN 13 : 9780321833891

Instructor Information	
Name	Kenji Vue
Email	kenji.vue@metrostate.edu
Phone	763-464-1014
Office	By Appointment Only – Weekdays 6PM to 9PM via Google Hangouts or Teams Meeting.

Please note that email is my preferred method of contact and will result in faster responses to you. Be sure to put the course name in the subject line so that I can differentiate between all the different students and other University community members I work with. Remember to use your Metro State email account to avoid your message going to the spam folder.

Department Information

Name:	ICS
Mailing Address:	Department of Metropolitan State University 700 7 th Street East Saint Paul, MN 55106-5000
Phone:	651-793-1471
Email	csc@metrostate.edu

Course Description

This course focuses on how to design and establish information services over the Internet from the server side. Topics include advanced concepts and issues on Internet architecture, server-side design strategies, current technologies and Internet security. Through labs and programming projects, students learn how to use current scripting and markup languages to build nontrivial state-of-the-art applications.

Learning Outcomes

The expected knowledge a student will have acquired at the end of this course is as follows.

- Has the ability to write programs using protocols and languages introduced in class.
- Knows the concepts and methodologies involved in server-side web development.
- Knows how to develop and implement a three-tier web application.
- Understands server-side web design and development life cycles.
- Knows how to implement web security.
- Knows how to build web services.

Learning Methods

This course uses a variety of assignments to measure student outcomes. In this course you will need to:

- Attend class lectures since the instructor will demonstrate the skills necessary to complete your homework.
- Complete Homework assignments to demonstrate that you can competently use the concepts discussed in class to produce deliverables that meet the requirements of each homework assignment.
- Produce a real-world application that encompasses all the knowledge you will attain in this class. This will introduce you to the full software development life cycle including writing requirements, developing to those requirements, and finally testing your application against those requirements.
- Study the material presented in preparation of the final exam to demonstrate your conceptual understanding of said material.

Assignments and Grading

Labs	Guided assignments that are used to teach the concepts discussed through implementation of the topics discussed.
Assignments	Application of the basic skills learned from the lab

Final Project	Putting all the tools you have learned to work by constructing the application of PHP and MySQL to build a web application project.
Final Exam	This exam will be comprehensive and cover the concepts learned throughout the semester.

Grading Criteria

Your grade will be assessed using the following criteria

Category	#of Items	Points for each	Total Points
Labs	10	10	100
Project	4	3 X 25 and 1 X 50	125
Final Exam	1	75	75
Total			300

Grading Scale

Your Letter grade will be determined based on the percentage of points earned during the semester and will follow the scale below:

Percentage	Grade	Percentage	Grade	Percentage	Grade	Percentage	Grade
93%-100%	A	87%-89.9%	B+	77%-79.9%	C+	60%-69.9%	D
90%-92.9%	A-	83%-86.9%	B	73%-76.9%	C	Below 60%	F
		80%-82.9%	B-	70%-72.9%	C-		

Course Schedule (Tentative) Courses in Green are In Person at Science Education 216

Week	Date	Topics	Book Chapters	Assignment Due	Assignment Out
1	Jan 9	Syllabus Review, Introduction to the Course Tools and Development Environment	Chapter 1		Lab 1
	Jan 12	Last day to drop the class with a refund			
2	Jan 16	HTML, CSS, and JavaScript refresher	W3 Schools	Lab 1	Lab 2
3	Jan 23	Introduction to PHP	Chapter 2	Lab 2	Lab 3 Project Part 1
4	Jan 30	PHP Programming	Chapter 2	Lab 3	Lab 4
5	Feb 6	Storing and retrieving Data using arrays	Chapter 3	Project Part 1 Lab 4	Project Part 2 Lab 5
6	Feb 13	String Manipulation Functions, Project overview & group selection	Chapter 4 Chapter 5	Lab 5	Lab 6
7	Feb 20	Object Oriented Programming in PHP Error and exception handling	Chapter 6 Chapter 7	Lab 6	Lab 7
8	Feb 27	Introduction to databases and MySQL	Chapter 8,9,10	Lab 7 Project Part 2	Lab 8 Project Part 3
9	Mar 5	Spring Break! No class!			
10	Mar 12	Using MySQL	Chapter 10, 11	Lab 8	Lab 9
11	Mar 19	Using MySQL	Chapter 12,13	Project part 3	Project part 4
12	Mar 26	Web Application security	Chapter 14,15,16	Lab 9	Lab 10
13	Apr 2	Advanced PHP	Chapter 17,19,22, 24		
	April 8	Last day to withdraw with a "W" on your grade			

14	Apr 9	Testing			
15	Apr 16	Microservices and Ajax Libraries	Chapter 17,19,22, 24	Lab 10	
16	Apr 23	Exam Review – Project Presentations		Project Part 4	
17	Apr 30	Final			

Class Policies

Attendance

- I strongly recommend that you attend ALL class sessions and take lecture notes as some of the examples and exercises that will be covered in class are not covered in the textbook or in the lecture slides. I will also be demoing the concepts in the text live for each session. I have no intention of repeating this for students who miss the class session.
- You are responsible for everything we cover in class whether you were in class or absent.
- If you miss a class, I will not be able to go over all materials we covered in the missed class with you. Hence, before asking for help in the missed materials, make sure to do your job first by obtaining class notes from a classmate and studying the notes.

Non-Attendance and Reporting

The purpose of the Non-Attendance and Reporting Policy is to ensure Federal Title IV regulations are adhered to with respect to a student's enrollment level for the purpose of calculating and paying financial aid. While Metropolitan State University is not required to take attendance, Federal Title IV financial aid regulations require a procedure to establish that students have attended, at a minimum, one day of class for each course in which the student's enrollment status was used to determine eligibility for the Pell Grant Program. In addition, the university needs to determine a last date of attendance for those students who receive all failing grades or unofficially withdraw. Attendance is defined based on course delivery mode. A student is "in attendance" if he or she meets the following conditions before the end of the second week of the course:

- Classroom Courses –the student is present in the classroom.
- Web-Enhanced (Reduced Seat Time Courses) –the student is present in the classroom or submits at least one academically relevant assignment.
- Online Courses –the student submits at least one academically relevant assignment
- Independent Studies – the student contacts the instructor or submits at least one academically relevant assignment

If a student does not attend the first two classes, either live and/or online, that student is automatically dropped from the course. If a student adds the course past the drop/add date, he/she will not receive points for any assignments, discussions, quizzes, or exams for which the due date has already occurred. Refer to the [Non-Attendance and Reporting Policy 2259](#), and the [Non-Attendance and Reporting Procedure 259](#).

Note to the student: The above description is the University Policy, but for some courses, based on how it is listed in the registration materials, participation must occur during the first week of class or the student is dropped from the course.

Course administration

- All course materials (lecture slides, assignments, announcements) will be posted on D2L.
- Class notices and announcements will go only to your Metro State email account.
- You can send an email to the instructor with any question or concern regarding the course. The instructor will get back to you within 48-hours in weekdays.

Technology Requirements and Expectations

For this course, your computer must fully pass the System Check found on the [D2L login page](#). Students must have internet access in order to log into (this is required) the D2L system at least two days per week in order to check for updates and complete required work. Your skills should include the ability to add browser plug-ins for viewing files and content presented within the course or be able to get such assistance from non-campus sources at your own expense.

File Management

Intermediate or higher level skills at file management (ability to create folders, move and rename folders and files, identify type of file by its file-extension, attach files to emails, etc.)

Anti-Virus Software

Updated virus scanning software for all files sent and received (such as McAfee Antivirus, Norton Internet Security, etc.) is required.

Computer Software

Computer skills include proficiency in Microsoft's Internet Explorer (or other web browser) and in using the Internet to access online resources and sites as well as competence at using Microsoft Office products such as Word and Power Point.

Email

Metropolitan State University has designated e-mail as an official method of communication with students. **The university expects** students to be responsible for all information sent to them via their official university email account. Refer to [Policy 1050, University E-mail](#), for further information.

This course requires students to use their campus email account for all communication for related to this class. Emails originating from outside the campus email servers may be deleted without review of the instructor. This policy prevents viruses and spam. Please include in the subject line of your emails the course number and a brief description that summarizes the content of the email as well. It is very important to at least include your course and course number in the subject line to assure proper feedback and credit for your work.

University Non-Attendance and Reporting Policy and Procedure

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- Online Courses – the student submits at least one academically relevant assignment
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Zoom

As part of being a student within the Minnesota State Colleges and Universities System, you have access to a premium license of the web conferencing tool: Zoom. Due to recent events your instructors will likely be using this more frequently to host class sessions online, but you can also personally use it for meetings with your classmates!

You can access your MinnState Zoom account from: <https://minnstate.zoom.us/>, just click the "Sign on" button and login with your StarID and password.

Visit the following link to learn more about connecting to a Zoom conference:

<https://services.metrostate.edu/TDClient/1839/Portal/KB/ArticleDet?ID=101232>

Visit the following link to learn more about hosting a Zoom conference for presenting or teaching:

<https://services.metrostate.edu/TDClient/1839/Portal/KB/ArticleDet?ID=100273>

If you get stuck or need some extra help, you can reach out to our Information Technology Services or the Center for Online Learning.

Also, the Zoom Help Center has many great resources, live trainings, and even fantastic technical support representatives waiting to help you if need-be.

What you can expect from me

- Show up to teach class as scheduled. Please notice that there are situations beyond my control (illness, transportation issues, weather, and so on) that may result in my showing up late or not coming to class at all.
- Provide industry insight to the course materials.
- Treat you with respect. I may not honor all your requests, but I will listen to what you have to say.
- Do my work to the best of my ability.
- Grade your work and give you feedback in a reasonably prompt manner

What I expect from you

- Read and understand the syllabus and to know the class policies.
- Come to class regularly. Obviously, factors that prevent me from showing up may prevent you from coming as well.
- Ensure that you have the necessary prerequisites for taking the class.
- Seek help (talk to or email me) if you are having difficulty with your course work.
- Read and understand the academic integrity policy and adhere to it.
- Turn in individual and original work. Please be respectful of copyrights and document your sources appropriately. This means that what you turn in must be your own work and it cannot be copied from work previously done for some other class(es). If you copy a snippet of code from the textbook or an online source, you should cite the source in comments in your code. Otherwise, you have committed plagiarism.
- Say no if another student asks you for a copy of your work. The penalty for permitting another student to copy your work is the same as if you yourself had turned in work that was not individual and original.
- If you do not understand why you received a grade, I expect you to approach me and ask questions. I expect you to treat me with respect even if you disagree with the grade you were assigned.
- Be respectful to your classmates and me.

Complaints

If you have any complaints, I suggest that you first try to resolve it by taking up the matter directly with me. If that does not resolve the problem, you could take up the issue with the department chairman, Professor Thanaa Ghanem. His phone number is (651)793-1474, and his e-mail address is thanaa.ghanem@metrostate.edu .

Late work Policy

- Labs are due on the due date with no exceptions since solutions will be provided the day after the lab is due.
- Each homework assignment and project phase will include submission instructions. All assignments must be uploaded to the designated D2L folder before midnight of the due date.

- Each student is granted ONE late homework or project submission without penalty except the last assignment and project phase. The submission should not be more than three days late.
- After the first late submission, there is a late submission penalty of 10% per day for up to three days.
- Any submission that is more than three days late will receive a grade of ZERO.
- The last homework and Project cannot be submitted late and will receive a grade of ZERO if it is submitted after midnight of the due date.
- Late work may be granted with an approved absence or pre-authorized excuse. Please note that authorized excuses may require you to submit an official documentation that explains the reason and duration of the event. (e.g., a doctor's note for illness).

Incompletes

- If you choose to seek an incomplete grade in this course, you must provide a written request through your Metropolitan State University email to the Instructor at least 7 days prior to the end date of the semester.
- A grade of incomplete may be considered if the person requesting has successfully completed at least two thirds of the class and is a student in good standing in the class. Good standing means that the requester is earning a minimum of a C grade and has attended class regularly.
- I reserve the right to say no to any request for an incomplete without justifying my position.

Academic Appeals

The university has written procedures for appealing decisions concerning grades. The student should first attempt to resolve an appeal issue informally with the instructor. To file a formal appeal, the student must begin the formal appeal process within 60 calendar days of the posting of the grade or evaluation. A staff member in Student Affairs serves as ombudsperson to work with students in preparing formal appeals. For details, refer to [Procedure 202, Academic Appeal Procedure](#).

Respect

All students are encouraged to critically reflect on the course topics and to raise questions to the class and to the professor. Please be respectful to one another by not presenting your question in a hostile manner. Open dialogue on course content is encouraged, but attacks on classmates or myself are not. Please set up a time to talk with me if you have questions about this policy or if you believe this policy is being violated. You may also report hostile or threatening behavior and information about filing a complaint or report can be found here: <https://www.metrostate.edu/students/support/student-concerns-complaints>

There are many offices on campus that provide additional support and/or information outside of class including:

- Black, African, and African American Support Services:
<https://www.metrostate.edu/students/support/african-and-african-american-student-services>
- American Indian Student Services: <https://www.metrostate.edu/students/support/american-indian-student-services>
- Asian American Student Services: <https://www.metrostate.edu/students/support/asian-american-student-services>
- Latinx and Undocumented Students Support Services:
<https://www.metrostate.edu/students/support/latinx-undocumented-services>
- LGBTQ Student Services: <https://www.metrostate.edu/students/support/glbtc>
- Veteran Services: <https://www.metrostate.edu/students/support/veterans>
- Women's Support Services: <https://www.metrostate.edu/students/support/women>

- International Student Services: <https://www.metrostate.edu/students/support/international>
- Multicultural, American Indian, and Retention Services:
<https://www.metrostate.edu/students/support/culturally-responsive-support>

Dropping, Withdrawing, and Academic Progress

The university's academic progress policy may affect students who withdraw from classes. Be aware that a W (withdraw) is different from a drop which is done during or before the first week of class. Withdrawing from this class may put you at risk for academic probation. If you have questions about your situation, contact your academic advisor as soon as possible. If you choose to drop or withdraw this course, check Metropolitan State University's Academic Calendar for dates and deadlines.

- The last date to drop with full refund is Friday, May 20th, 2022.
- The last day to withdraw from this course is Monday, July 27th, 2022 (no refund).

Academic Integrity

The University does not accept knowingly copying the work of others without attribution (plagiarism), or colluding with other students to share answers unless permitted by the instructor (e.g. group project). You should be aware that the university subscribes to plagiarism detection software, and that your papers may be selected for plagiarism checking. In instances of plagiarism or other forms of academic dishonesty, instructors may impose academic sanctions. Allegations of plagiarism or other forms of academic dishonesty are also subject to investigation and additional conduct sanctions under the [Student Academic Integrity Policy #2190](#), and [Procedure #219: Student Academic Integrity](#).

If you have questions about the use of footnotes or other notations, talk to your instructor, consult the Library and Information Services website, or seek assistance in the proper way of writing a paper by contacting a tutor in the [Center for Academic Excellence](#). Students who believe that they have been falsely accused of plagiarism should request assistance from the Ombudsperson at (651) 793-1517.

Academic integrity is a fundamental element of your learning process. Only by assessing your own original work I can determine whether you've learned and met the educational goals I have developed for you in this course. For that reason, we should take academic integrity very seriously in our learning community. It is your responsibility as a student to read and understand Metropolitan State's Academic Integrity Policy and Procedures, which can be found in the links above.

An academic integrity violation is considered first-level if the violation affects a small proportion of the course's overall grade or would not have increased a student's grade in the course significantly. Examples of first-level violations include but are not limited to: (1) unauthorized collaboration on a homework assignment or lab, (2) copying from another student during a quiz or examination, or (3) using unauthorized materials during an exam.

On the other hand, an academic integrity violation is considered second-level violations if it involves serious breaches of academic integrity. These violations involve premeditated dishonesty or repeated ethics violations and result in disciplinary procedures. Examples of second-level violations include but are not limited to: (1) committing a second first-level violation, (2) altering an exam or assignment and submitting it for re-grading, (3) acquiring or distributing an exam answer key from an unauthorized source, or (4) making unauthorized copies of examination materials.

In this course, I will administer penalties for integrity violations in accordance to the University's policy as follows: for first-level violations: (1) assignment of zero in the assignment for all student(s) involved, and (2) Provost/Vice President of Academic Affairs will send the student a Breach of Academic Integrity Letter informing the student about the violation of the Academic Integrity Policy and the action(s) taken by the instructor. For second-level violations: (1) assigning disciplinary failure for the course, and (2) sending to the student(s) a copy of Breach of Academic Integrity Letter documenting the student's academic integrity policy violation, history of violations (if applicable), and disciplinary action(s) taken by the instructor.

To avoid having your assignment solutions look like someone else's, you should not look at another person's solution until you have written down yours. This rule also applies to tutoring. The tutor should not assist you until you have first attempted to solve the problem on your own.

Plagiarism

Plagiarism is defined as the act of claiming another person's work as one's own. This can be copying or copying even parts of sentences from an article, journal, internet site, another student's work, or other written work. It can also mean using another student's assignment and making minor changes. Changing a few words around in content is still plagiarism. Sometimes students are not sure if they are committing plagiarism. Please consult the instructor regarding more information on plagiarism and how to avoid it. The instructor reserves the right to assess through <http://www.turnitin.com/> and/or asking for resources used. Student are encouraged to consult the Metropolitan State University Writing Lab and resources for assistance as well.

As part of academic honesty, students are expected to respect intellectual property laws, including copyright law. No parts of this site, your textbook, other publisher materials, or contribution from other class members can be used or distributed outside of this class without the permission of the author(s). Copyright law provides that any creative thought fixed into tangible form is copyrighted the moment it is created, whether or not a copyright notice is affixed.

Please review this excellent article on plagiarism to learn more. Parts of the article are posted below:

<https://www.plagiarism.org/article/what-is-plagiarism>

Acts of plagiarism may be reported to the Associate Provost for Student Success.

Students with disabilities

Our university is committed to creating a learning environment that meets the needs of its diverse student body. If you anticipate or experience any barriers to learning, discuss your concerns with the instructor. In addition to speaking with the instructor, the following resources are available to ensure an opportunity to learn in an inclusive environment that values mutual respect.

- For students with disabilities who are experiencing barriers to learning or assessment, contact the Center for Accessibility Resources.
- For students who believe that they have experienced harassment or discrimination based on age, sex, race, religion, color, national origin, disability, or sexual orientation, contact the equity and diversity office.

The Center for Accessibility Resources is in New Main, room L223.

Phone number: 651-793-1549

Email: Accessibility.Resources@metrostate.edu.

Web: [Center for Accessibility Resources](#).

Student Code of Conduct

Students at Metropolitan State University deserve the opportunity to pursue an education, and it is the responsibility of the university to provide an environment that promotes learning and protects the safety and well-being of the university community. Therefore, the university establishes this Student Conduct Code. Any action by a student that interferes with the education of any other student or interferes with the operations of the university in carrying out its responsibility to provide an education will be considered a violation of this code.

The Student Code of Conduct balances individual student due process rights with the broader interests of the safety, wellbeing and academic integrity of the university community. The Dean of Students Office administers the student conduct process at Metropolitan State University. It operates with the philosophy of balancing the need for student accountability with the opportunity for education and making amends. Students are encouraged to review the [Student Conduct Code University Policy #1020](#) and the [Student Conduct Code Procedure #112](#) to understand their rights and responsibilities under the Code.

If you are aware of a potential student conduct violation, you may report it [HERE](#). If you are not certain and would like to inquire about whether something falls under the Student Code of Conduct, please email dean.students@metrostate.edu.

Sexual Violence, Sexual Harassment, and other Gender Related Discrimination Concerns (Title IX)

If you believe you have experienced sexual misconduct, harassment, or violence and would like the university to formally investigate the situation, you may submit a formal complaint. These complaints can be student to student, employee to student, employee to employee, and non-students or non-employees.

Information about student(s) involved or investigation itself are confidential and protected under Family Educational Rights and Privacy Act (FERPA). However, information about instances of sexual misconduct must be shared among university staff whose are investigating the situation and responsibilities for rendering a decision.

Students who have experienced or observed related issues may submit a report [HERE](#). If you are certain if something falls within this category, you may email dean.students@metrostate.edu. Additionally, the Dean of Students and other related offices provide training and education on these important issues.

Student Resources

Center for Academic Excellence—Tutoring

Phone: 651-793-1460

Web: [Center for Academic Excellence](#)

Our tutoring mission: to help students learn. We strive to role-model resourcefulness, active learning, and collaborative problem-solving, such that students build self-confidence and efficacy as independent life-long learners. Our professional and peer tutors help students navigate conceptual difficulties and develop study skills. Our tutors are devoted to helping currently-enrolled students achieve their academic goals in one-to-one and small group tutorials.

Students are encouraged to contact the Center for Academic Excellence first for their tutoring needs.

Metro State students also can access tutoring through tutor.com which is provided through Minnesota State (each student can get 15 hours per year (July 1 to June 30) of tutoring from tutor.com).

To access this service:

1. Sign into D2L
2. At the very top there is a menu bar: click on Tutor.com
3. You can work with a tutor immediately or schedule a session
4. Under Topic: select [Subject].
5. Under Subject: select the relevant level or course topic

Collegiate Recovery Program

Phone: 651-793-1579 (Dean of Student's Office)

Web: [Collegiate Recovery Program](#)

Metropolitan State University's Collegiate Recovery Program provides support and resources for students who have challenges with substance use or other behavioral addictions. We also support students working toward long-term recovery to increase overall well-being and meet educational, professional and personal goals. For general information or questions, you may email at Collegiate.Recovery@metrostate.edu.

Counseling Services

Phone: 651-793-1568
Web: [Counseling Services](#)

College students often experience issues that may interfere with academic success, such as academic stress, sleep problems, balancing multiple responsibilities, life events, relationship difficulties, discrimination / oppression, or feelings of anxiety, hopelessness, or depression. If you or a friend is struggling, we encourage you to seek support. Helpful, effective, and culturally-responsive services are available on campus free of charge.

For immediate help during or after hours, on weekends and holidays, contact Counseling Services at 651-793-1568 and choose option zero to access the Metro CARES support line. Counseling Services is providing telehealth services to students during the COVID-19 pandemic. To schedule an appointment with our staff counselors, call 651-793-1568 during business hours.

Food for Thought Food Pantry

Phone: 651-793-1571
Web: [Food for Thought Food Pantry](#)

St. John's Hall, L.10; St. Paul Campus

The Food for Thought Food Pantry is a collaborative initiative between Metropolitan State University and our community partners Good in the Hood and Every Meal. Students seeking additional support with subsidizing their food budget can schedule an appointment to pick-up free prepackaged food boxes and bags from the library. Please visit our website for changes and updates regarding the operations of the pantry. Schedule an appointment to pick-up food here:

<https://calendly.com/foodforthoughtpantry/food-for-thought-food-pantry-pick-up>.

International Student Services

Phone: 651-793-1315
Web: [International Student Services](#)

The International Student Services (ISS) aids with immigration, cultural, financial, academic, and personal issues for international students at Metropolitan State University.

Library and Information Services

Phone: 651-793-1616
Web: [Library and Information Services](#)
Email: library.services@metrostate.edu

The Library and Learning Center on the Saint Paul campus offers a full array of library resources, services, computers, and study spaces for the Metropolitan State University community. Librarians are available to assist you in finding information on virtually any topic. They can also guide you in evaluating scholarly and other resources for your coursework and research. Assistance is available by phone (651-7983-1614), email (library.services@metrostate.edu), or chat and Zoom from the library's homepage. Through this homepage you can access more than 100 research databases and thousands of ejournals, streaming videos, and ebooks.

Multicultural, American Indian and Retention Services (MAIR)

Phone: 651-793-1543

Web: [Multicultural, American Indian and Retention Services](#)

Saint Paul Campus
Founders Hall,
2nd Floor, Dean of Student Suite

MAIR promotes the academic success of historically underrepresented incoming, current, and graduating students by providing retention programming and services that include advocacy and educational planning. MAIR department comprises the following student services: American Indian, Indigenous, Asian, Asian American and Native Pacific Islander, Black, African and African American, Latinx and Undocumented, Veterans and Military Student Services Center, and Women's and LGBTQ+ Student Services and Resources.

MAIR Student Success Coordinators provide coaching, educational and belonging services: holistic individual success plans, cultural events that highlight Metro State University's diversity, equity, and inclusion, special brave and intentional spaces for students and student groups: Native Circle, Women's and LGBTQ+ Student Resource Center, and Veterans and Military Student Services Center. Also, Student Success Coordinators advise student clubs and organizations such as the Black Student Union (BSU), Hmong Student Organization, Lavender Bridge, Metropolitan State University's Veterans Network, Pueblo, and Voices of Indian Council for Educational Success (VOICES). Success Coordinators provide support to empower students and promote successful college and/or university transitions and graduation.

Student Parent & Resource Center

Phone: 651-793-1564

Web: [Student Parent & Resource Center](#)

St. John's Hall, L.14; St. Paul Campus

The Student Parent Center is in St. John's Hall L14 and provides a child-friendly study space (visit our website for updates regarding availability of the space). The center seeks to provide support and connect currently enrolled students and their families with campus and community resources to ease obstacles that may be interfering with their education. Students can schedule a phone or Zoom appointment to meet with the coordinator here: [Student Parent and Resource Center \(office365.com\)](#)

Student Life and Leadership Development

Phone: 651-793-1550

Web: <https://www.metrostate.edu/students/life>

Student Center, St. Paul Campus

Student Life and Leadership Development (SLLD) holistically enhances the co-curricular experiences of students through intentional social, cultural, intellectual, and recreational engagement and involvement programs and services at Metropolitan State University and the surrounding community.

Our mission is to develop and support a community of critically engaged leaders committed to inclusion, integrity, and lifelong learning. For more information about getting involved, visit our [Engage portal](#) or contact us via [email](#).

Veterans & Military Student Services

Phone: 651-793-1567

Web: [Veteran and Military Connected Student Services](#)

Founders Hall, Suite 201

St. Paul Campus

We assist all who have served or are currently serving in any United States Armed Forces branch. Veterans Services will advocate on your behalf. We help current and prospective students understand admissions requirements, academic programs, college credits for military training, federal and state educational and financial benefits, and VA certification of registered courses.

We thank all of our veterans and military-connected students for their dedication, sacrifice, and service to our country.

Women's and LGBTQ+ Student Services and Resources

Phone: 651-793-1544

Web: [Women's and LGBTQ+](#)

[Founders Hall, Room 140, St. Paul Campus](#)

Women's and LGBTQ Student Services fosters a safer and more inclusive campus by providing support, resources, leadership development, and education related to diverse sexual orientations and gender identities. Metro State University supports a large contingent of LGBTQ+ students and there are multiple services and resources available. To help foster a safer and more inclusive campus, the center has confidential resources and information available for those who experience discrimination based on sex, gender identity, or sexual orientation.