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**PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT**

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**Madison College**

**Associate of Applied Science**

Information Technology



**UNIVERSITY OF WISCONSIN  
WHITEWATER**

**University of Wisconsin-Whitewater**

**Bachelor of Science -Cybersecurity**

Cyber Operations Emphasis

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This articulation agreement establishes a cooperative relationship between the University of Wisconsin-Whitewater (UW-W) and Madison College effective for students starting the Bachelor of Science (B.S.) in Cybersecurity-Cyber Operations Emphasis, in or after the fall 2022 term, which will assist both schools to better serve the educational needs of transfer students.

This Agreement and any amendments and supplements, shall be interpreted pursuant to the guidelines set forth in the University of Wisconsin System Administrative Policy 140, Guidelines for Articulation Agreements between UW System Institutions and WTCS Districts as well as Administrative Policy 135 Undergraduate Transfer Policy. Both institutions agree to maintain accreditation by the Higher Learning Commission and any other accreditation currently in existence pertaining to degree programs articulated via the transfer agreement.

### **1. Purpose of Articulation Agreement**

This program-to-program articulation agreement between UW-W and Madison College allows students to be awarded 57-63 credits toward the Cybersecurity-Cyber Operations Emphasis program if they meet the following criteria:

Students transferring under the guidelines of this articulation agreement must:

- 1.1. successfully complete the Associate of Applied Science-Information Technology degree program in one of the following areas:  
Cybersecurity Specialist, Web Software Developer, Cloud DevOps Specialist, Network Specialist, or Systems Administration Specialist
- 1.2. earn a cumulative GPA of a 2.0 (on a 4.0 scale), including coursework from other institutions (if appropriate), and according to UW-W repeat policy <https://www.uww.edu/registrar/policies#repeats>
- 1.3. have applied to and are successfully admitted into UW-W (*all UW-W application deadlines apply*) beginning fall 2022 and any subsequent terms
  - 1.3.1. declare a major of Cybersecurity

*\*students will need to indicate Cybersecurity-Cyber Operations Emphasis intent in the personal statement section of the UW-W E-Application*

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**2. Program Articulation Table**

<b>PROGRAM ARTICULATION TABLE</b>		
	<b>Madison College</b>	<b>University of Wisconsin-Whitewater</b>
Program name	Information Technology	Cybersecurity-Cyber Operations Emphasis
Award Type (e.g., AAS)	Associate of Applied Science	Bachelor of Science
Credit Length	57-63 Credits	120 Minimum Credits
Describe program admission requirements (if any)		2.0 Minimum Cumulative GPA

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**SECTION A - General Education**

Madison College				University of Wisconsin-Whitewater				
Course Prefix & Number	Course Name	GE Area	Credits	Course Prefix & Number	Course Name	GE Area	Credits	Equiv Sub Wav
General Education								
801-195 <b>OR</b> 801-201	Written Communication <b>OR</b> English 1		3	ENGLISH 101	Introduction to College Writing and Reading		3	
809-197 <b>OR</b> 809-203 <b>OR</b> *809-172	Contemporary American Society <b>OR</b> Intro Sociology <b>OR</b> <b>*Introduction to Diversity Studies</b>		3	SOCIOLGY 250 <b>OR</b> SOCIOLGY 240 <b>OR</b> RACEETH 9999ED	Social Problems <b>OR</b> Principles of Sociology <b>OR</b> Raceeth Elective	GS GE/ Diversity	3	
801-196 <b>OR</b> *801-198	Oral/Interpersonal Communication <b>OR</b> <b>*Speech</b>		3	COMM 9999S <b>OR</b> COMM 110	Comm Elective <b>OR</b> Intro to Public Speaking	GS	3	
809-199 <b>OR</b> 809-231	Psychology of Human Relations <b>OR</b> Intro Psychology		3	PSYCH 104 <b>OR</b> PSYCH 211	Psych of Human Adjustment <b>OR</b> Introductory Psychology	GS	3	
*804-212	*College Algebra <i>(In lieu of 804-144; 804-144 does not transfer)</i>		4	MATH 142	College Algebra		4	

**Special Notes:**

- \*Recommended in lieu of courses. See Appendix A for a full list of in lieu of courses.**
- General Education courses listed are part of all Madison College A.A.S. Information Technology programs—each emphasis area requires \*15 credits of general education; *in lieu of math course adds an additional credit of general education. Students should consult their Academic Advisor regarding Program requirements*
- Additional General Education coursework required by UW-W is determined upon admission and based on all transferrable work from all institutions attended. View general education requirements here: <http://www-public.courseleaf.com/undergraduate/general-information/general-education/#requirementstext>

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**SECTION B.1 – IT -Cybersecurity Specialist**

<b>MADISON COLLEGE: IT-Cybersecurity Specialist</b>			<b>UW-W Cybersecurity-Cyber Operations Emphasis</b>		
10-151-102 <b>AND</b>	IT Security Awareness <b>AND</b>	1	COMPSCI 999	Compsci Elective	1
10-151-142	Web Application Security	3	CYBER 101	Introduction to Cybersecurity	3
10-151-133	Network Forensics and Threat Hunting	3	COMPSCI 342	Digital Forensics	3
10-151-106 <b>AND</b>	Perimeter Security <b>AND</b>	3	COMPSCI 999	Compsci Elective	3
10-151-137	Incident Response	3	COMPSCI 354	Intrusion Detection and Incident Response	3
10-151-164	Penetration Testing	3	MISC 999ST	Special Transfer Course	3
10-152-109	Python Scripting	3	COMPSCI 170	Introduction to Python	3
10-151-114	Linux Server 2	3	COMPSCI 481	Web Server and Unix Administration	3
	Degree Completion	18	Major - Applied Technical Skills Requirement		18
	Degree Completion	7	Electives Towards Graduation		7
<b>Major, Emphasis, Unrestricted Electives Total</b>		47	<b>Section B Subtotal</b>		47
<b>General Studies Requirements for IT-Cybersecurity Specialist (Section A)</b>		16	<b>Section A Subtotal</b>		16
			<b>Total Technical College Credits Applied</b>		63

**Special notes if any:** Degree completion credits earned will be applied in a block equivalency. Grades will appear as "S" for satisfactory on the evaluation of transfer credits.

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**SECTION B.2 – IT-Web Software Developer**

<b>MADISON COLLEGE: IT-Web Software Developer</b>			<b>UW-W: Cybersecurity-Cyber Operations Emphasis</b>		
10-152-111	Java Programming	3	COMPSCI 172	Introduction to Java	3
10-152-119 <b>AND</b>	Introduction to Programming with	3	COMPSCI 999	CompSci Elective	3
10-152-168	JavaScript <b>AND</b> Advanced JavaScript	3	COMPSCI 381	JavaScript and DHTML	3
10-152-166	PHP Web Development with MySQL	3	COMPSCI 382	Server-Side scripting	3
10-156-124 <b>AND</b>	Introduction to Database <b>AND</b>	3	MISC 999ST	Special Transfer Course	3
10-156-125	SQL Database Programming	3	COMPSCI 999	CompSci Elective	3
	Degree Completion	18		Major - Applied Technical Skills Requirement	18
	Degree Completion	8		Electives Towards Graduation	8
<b>Major, Emphasis, Unrestricted Electives Total</b>		<b>44</b>	<b>Section B Subtotal</b>		<b>44</b>
<b>General Studies Requirements for IT-Web Software Developer (Section A)</b>		<b>16</b>	<b>Section A Subtotal</b>		<b>16</b>
			<b>Total Technical College Credits Applied</b>		<b>60</b>

**Special notes if any:** Degree completion credits earned will be applied in a block equivalency. Grades will appear as "S" for satisfactory on the evaluation of transfer credits.

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**SECTION B.3 – IT- Cloud DevOps Specialist,**

<b>MADISON COLLEGE: IT- Cloud DevOps Specialist</b>		<b>UW-W Cybersecurity-Cyber Operations Emphasis</b>			
10-152-109	Python Scripting	3	COMPSCI 170	Introduction to Python	3
	Degree Completion	18	Major - Applied Technical Skills Requirement		18
	Degree Completion	26	Electives Towards Graduation		26
<b>Major, Emphasis, Unrestricted Electives Total</b>		47	<b>Section B Subtotal</b>		47
<b>General Studies Requirements for IT-Cloud DevOps Specialist, Section A)</b>		16	<b>Section A Subtotal</b>		16
			<b>Total Technical College Credits Applied</b>		63

**Special notes if any:** Degree completion credits earned will be applied in a block equivalency. Grades will appear as "S" for satisfactory on the evaluation of transfer credits.

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**SECTION B.4 – IT- Network Specialist**

<b>MADISON COLLEGE: IT-Network Specialist</b>			<b>UW-W Cybersecurity-Cyber Operations Emphasis</b>		
10-152-109	Python Scripting	3	COMPSCI 170	Introduction to Python	3
10-150-122	Cisco Networking 2	3	MISC 999ST	Special Transfer Course	3
	Degree Completion	18	Major - Applied Technical Skills Requirement		18
	Degree Completion	17	Electives Towards Graduation		17
<b>Major, Emphasis, Unrestricted Electives Total</b>		<b>41</b>	<b>Section B Subtotal</b>		<b>41</b>
<b>General Studies Requirements for IT-Network Specialist (Section A)</b>		<b>16</b>	<b>Section A Subtotal</b>		<b>16</b>
<b>Total Technical College Credits Applied</b>					<b>57</b>

**Special notes if any:** Degree completion credits earned will be applied in a block equivalency. Grades will appear as “S” for satisfactory on the evaluation of transfer credits.

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**SECTION B.5 – IT- Systems Administration Specialist**

<b>MADISON COLLEGE: IT-Systems Administration Specialist</b>			<b>UW-W Cybersecurity-Cyber Operations Emphasis</b>		
10-152-109	Python Scripting	3	COMPSCI 170	Introduction to Python	3
10-154-172	Windows Server 2	3	MISC 999ST	Special Transfer Course	3
	Degree Completion	18	Major - Applied Technical Skills Requirement		18
	Degree Completion	22	Electives Towards Graduation		22
<b>Major, Emphasis, Unrestricted Electives Total</b>		46	<b>Section B Subtotal</b>		46
<b>General Studies Requirements for IT- Systems Administration Specialist (Section A)</b>		16	<b>Section A Subtotal</b>		16
<b>Total Technical College Credits Applied</b>					62

**Special notes if any:** Degree completion credits earned will be applied in a block equivalency. Grades will appear as "S" for satisfactory on the evaluation of transfer credits.



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<b>SECTION C.1 – Remaining Cybersecurity-Cyber Operations Emphasis Major Courses at UW-W</b>					
<b>MADISON COLLEGE: IT – Cybersecurity Specialist</b>					
<b>MADISON COLLEGE Equivalent (if applicable)</b>	<b>MADISON COLLEGE Course Name</b>	<b>Credit Amount</b>	<b>UW-W Course Number</b>	<b>UW-W Course Name</b>	<b>Credit Amount</b>
<b>Unique Requirements 9 credits (9 remaining credits needed):</b>					
			COMPSCI 172 or COMPSCI 174	Introductory Java or Introductory C++	3
			COMPSI 215 or MATH 280	Discrete Structures or Discrete Mathematics	3
			ENGLISH 370 or PWP 371 or PWP 372	Technical Writing	3
<b>Major Requirements 54 credits (21 remaining credits needed):</b>					
			COMPSCI 220 or COMPSCI 222	Intermediate Java or Intermediate C++	3
			COMPSCI 271	Computer Organization and Assembly Programming	3
			ITSCM 332 or COMPSCI 460	Network Administration or Computer Networking	3
			COMPSCI 353	Cybersecurity Law and Policy	3
			**COMPSCI 455	Cryptography and Network Security	3
			CYBER 459	Systems Security Engineering	3
			Remaining elective credits in the major		3
<b>Special Notes, if any:</b>					
1. Remaining credit amounts may vary based on Madison College elective credit taken. Please see Course to Course table below for elective credit transfer information.					
2. **COMPSCI 223 is a pre-requisite to COMPSCI 455 and is required for all students. COMPSCI 223 can be taken to fulfill 3 credits of elective coursework.					

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**SECTION C.2 – Remaining Cybersecurity-Cyber Operations Emphasis Major Courses at UW-W**

**MADISON COLLEGE: IT-Web Software Developer**

MADISON COLLEGE Equivalent (if applicable)	MADISON COLLEGE Course Name	Credit Amount	UW-W Course Number	UW-W Course Name	Credit Amount
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**Unique Requirements 9 credits (6 remaining credits needed):**

			COMPSI 215 or MATH 280	Discrete Structures or Discrete Mathematics	3
			ENGLISH 370 or PWP 371 or PWP 372	Technical Writing	3

**Major Requirements 54 credits (36 remaining credits needed):**

			CYBER 101	Introduction to Cybersecurity	3	
			COMPSCI 220 or COMPSCI 222	Intermediate Java or Intermediate C++	3	
			COMPSCI 271	Computer Organization and Assembly Programming	3	
			ITSCM 331 or COMPSCI 481	System Admin or Web Server and Unix Admin	3	
			ITSCM 332 or COMPSCI 460	Network Administration or Computer Networking	3	
			COMPSCI 353	Cybersecurity Law and Policy	3	
			COMPSCI 354	Intrusion Detection and Incident Response	3	
			**COMPSCI 455	Cryptography and Network Security	3	
			ITSCM 452	Information Assurance and Security	3	
			CYBER 459	Systems Security Engineering	3	
			Remaining elective credits in the major			6

**Special Notes, if any:**

1. Remaining credit amounts may vary based on Madison College elective credit taken. Please see Course to Course table below for elective credit transfer information.
2. \*\*COMPSCI 223 is a pre-requisite to COMPSCI 455 and is required for all students. COMPSCI 223 can be taken to fulfill 3 credits of elective coursework.

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<b>SECTION C.3 – Remaining Cybersecurity-Cyber Operations Emphasis Major Courses at UW-W</b>						
<b>MADISON COLLEGE: IT-Cloud DevOps Specialist</b>						
MADISON COLLEGE Equivalent (if applicable)	MADISON COLLEGE Course Name	Credit Amount	UW-W Course Number	UW-W Course Name	Credit Amount	
<b>Unique Requirements 9 credits (9 remaining credits needed):</b>						
			COMPSCI 172 or COMPSCI 174	Introductory Java or Introductory C++	3	
			COMPSI 215 or MATH 280	Discrete Structures or Discrete Mathematics	3	
			ENGLISH 370 or PWP 371 or PWP 372	Technical Writing	3	
<b>Major Requirements 54 credits (36 remaining credits needed):</b>						
			CYBER 101	Introduction to Cybersecurity	3	
			COMPSCI 220 or COMPSCI 222	Intermediate Java or Intermediate C++	3	
			COMPSCI 271	Computer Organization and Assembly Programming	3	
			ITSCM 331 or COMPSCI 481	System Admin or Web Server and Unix Admin	3	
			ITSCM 332 or COMPSCI 460	Network Administration or Computer Networking	3	
			COMPSCI 353	Cybersecurity Law and Policy	3	
			COMPSCI 354	Intrusion Detection and Incident Response	3	
			**COMPSCI 455	Cryptography and Network Security	3	
			ITSCM 452	Information Assurance and Security	3	
			CYBER 459	Systems Security Engineering	3	
			Remaining elective credits in the major			3
<b>Special Notes, if any:</b>						
1. Remaining credit amounts may vary based on Madison College elective credit taken. Please see Course to Course table below for elective credit transfer information.						
2. **COMPSCI 223 is a pre-requisite to COMPSCI 455 and is required for all students. COMPSCI 223 can be taken to fulfill 3 credits of elective coursework.						

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<b>SECTION C.4 – Remaining Cybersecurity-Cyber Operations Emphasis Major Courses at UW-W</b>					
<b>MADISON COLLEGE: IT- Network Specialist</b>					
<b>MADISON COLLEGE Equivalent (if applicable)</b>	<b>MADISON COLLEGE Course Name</b>	<b>Credit Amount</b>	<b>UW-W Course Number</b>	<b>UW-W Course Name</b>	<b>Credit Amount</b>
<b>Unique Requirements 9 credits (9 remaining credits needed):</b>					
			COMPSCI 172 or COMPSCI 174	Introductory Java or Introductory C++	3
			COMPSCI 215 or MATH 280	Discrete Structures or Discrete Mathematics	3
			ENGLISH 370 or PWP 371 or PWP 372	Technical Writing	3
<b>Major Requirements 54 credits (33 remaining credits needed):</b>					
			CYBER 101	Introduction to Cybersecurity	3
			COMPSCI 220 or COMPSCI 222	Intermediate Java or Intermediate C++	3
			COMPSCI 271	Computer Organization and Assembly Programming	3
			ITSCM 331 or COMPSCI 481	System Admin or Web Server and Unix Admin	3
			COMPSCI 353	Cybersecurity Law and Policy	3
			COMPSCI 354	Intrusion Detection and Incident Response	3
			**COMPSCI 455	Cryptography and Network Security	3
			ITSCM 452	Information Assurance and Security	3
			CYBER 459	Systems Security Engineering	3
			Remaining elective credits in the major		6
<b>Special Notes, if any:</b>					
1. Remaining credit amounts may vary based on Madison College elective credit taken. Please see Course to Course table below for elective credit transfer information.					
2. **COMPSCI 223 is a pre-requisite to COMPSCI 455 and is required for all students. COMPSCI 223 can be taken to fulfill 3 credits of elective coursework.					

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**SECTION C.5 – Remaining Cybersecurity-Cyber Operations Emphasis Major Courses at UW-W**

**MADISON COLLEGE: IT- Systems Administration Specialist**

MADISON COLLEGE Equivalent (if applicable)	MADISON COLLEGE Course Name	Credit Amount	UW-W Course Number	UW-W Course Name	Credit Amount
<b>Unique Requirements 9 credits (9 remaining credits needed):</b>					
			COMPSCI 172 or COMPSCI 174	Introductory Java or Introductory C++	3
			COMPSI 215 or *MATH 280	Discrete Structures or Discrete Mathematics	3
			ENGLISH 370 or PWP 371 or PWP 372	Technical Writing	3
<b>Major Requirements 54 credits (33 remaining credits needed):</b>					
			CYBER 101	Introduction to Cybersecurity	3
			COMPSCI 220 or COMPSCI 222	Intermediate Java or Intermediate C++	3
			COMPSCI 271	Computer Organization and Assembly Programming	3
			ITSCM 332 or COMPSCI 460	Network Administration or Computer Networking	3
			COMPSCI 353	Cybersecurity Law and Policy	3
			COMPSCI 354	Intrusion Detection and Incident Response	3
			**COMPSCI 455	Cryptography and Network Security	3
			ITSCM 452	Information Assurance and Security	3
			CYBER 459	Systems Security Engineering	3
			Remaining elective credits in the major		6
<b>Special Notes, if any:</b>					
1. Remaining credit amounts may vary based on Madison College elective credit taken. Please see Course to Course table below for elective credit transfer information.					
2. **COMPSCI 223 is a pre-requisite to COMPSCI 455 and is required for all students. COMPSCI 223 can be taken to fulfill 3 credits of elective coursework.					

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**Course to Course Equivalencies**

<b>MADISON COLLEGE:</b>			<b>UW-Whitewater:</b>		
10-150-122(a)	Cisco Networking 2 (a)	3	MISC 999ST	Special Transfer Course	3
10-151-114(a)	Linux Server 2 (a)	3	COMPSCI 481	Web Server and Unix Administration	3
10-154-172(b)	Windows Server 2 (b)	3	MISC 999ST	Special Transfer Course	3
10-152-167 AND	Advanced PHP and MySQL Web	3	COMPSCI 999	Compsci Elective	3
10-152-158(a)	Development AND	3	COMPSCI 482	Advanced Web Application Development	3
	JS Frameworks (a)				
10-152-111(a)	Java Programming (a)	3	COMPSCI 172	Introduction to Java	3

**Special Notes:**

1. Courses in this table are transferrable within any of the emphasis areas listed above.
2. Courses are applied to UW-W major or university requirements as indicated by the below:
  - (a) Course is applied to Cybersecurity major
  - (b) Course is applied to university requirement

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### **3. University/General Education Requirements**

- 3.1 The UW-W baccalaureate candidate must meet UW-W's general education and graduation requirements: <http://uww-public.courseleaf.com/undergraduate/general-information/general-education/#requirementstext>
- 3.2 The UW-W baccalaureate candidate must meet the B.S. requirements for the College of Letters and Sciences: <http://uww-public.courseleaf.com/undergraduate/letters-sciences/#degreerequirementstext>
- 3.3 Elective courses taken or substituted at the sending institution and sending program not listed in this agreement will be reviewed on a case-by-case basis and determined how they may apply to the degree at the receiving institution.
  - 3.3.1 Entering students may apply general education credits toward satisfying UW-W general education requirements as specified in Transferology: <https://www.transferology.com/school/uww>
- 3.4 Regardless of major, a minimum of 25% of the major course units and 25% of the minor course units must be completed at UW-W.
- 3.5 A minimum of 30 units of UW-W coursework is required to qualify for an undergraduate degree. At least 15 of these 30 units must be taken at UW-W immediately prior to graduation
- 3.6 The maximum number of credits that can be transferred from all two-year transfer institutions to UW-W is 72.

### **4. Additional Conditions**

- 4.1 Program-to-program transfer courses/credits are accepted only for the major and minor specified in this agreement. A change of major or minor invalidates these courses/credits for transfer unless they are approved within some other program-to-program articulation agreement for a different major/minor at UW-W.
- 4.2 Course equivalencies specified in this articulation agreement are subject to change in the event that the course curricula of relevant programs at Madison College or at UW-Whitewater undergo revision.
- 4.3 The Applied Associate degree must be posted on an official transcript to receive credits from the agreement.
- 4.4 Review and renewal of this agreement will be made at appropriate intervals.
- 4.5 UW-W and Madison College agree to assist each other in appropriately promoting this agreement in their respective marketing materials, events, websites, and reports



## APPENDIX A

### Programs

- IT-Cloud DevOps Specialist Associate Degree Program
- IT-Cybersecurity Specialist Associate Degree Program
- IT-Network Specialist Associate Degree Program
- IT-Systems Administration Specialist Associate Degree program
- IT-Web Software Developer Associate Degree Program

### IT-MULTIPLE PROGRAMS GENERAL EDUCATION COURSES

**Not Satisfied:** Completion of the listed courses fulfills the general education requirements for the above IT-Degree programs.

**Units:** 15.00 required, 0.00 used, 15.00 needed  
**GPA:** 0.000 actual

#### Written Communication

**Not Satisfied:** Completion of one of the listed courses satisfies this requirement. This course is recommended for first semester.

**Units:** 3.00 required, 0.00 used, 3.00 needed

#### Courses Available

COMM 10801151 - Communication Skills 1  
ENGLISH 10801136 - English Composition 1  
ENGLISH 20801201 - English 1  
SPEECH 20810993 - Transfer In: Com Arts (Gen)

COMM 10801999 - Transfer In: Comm Skills  
ENGLISH 10801195 - Written Communication  
ENGLISH 20801999 - Transfer In: Writing/Comp

#### Psychology of Human Relations

**Not Satisfied:** Completion of one of the listed courses satisfies this requirement. This course is recommended for first semester.

**Units:** 3.00 required, 0.00 used, 3.00 needed

#### Courses Available

PSYCH 10809151 - Psych Of Hum Rel  
PSYCH 10809188 - Developmental Psychology  
PSYCH 10809199 - Psychology Of Human Relations  
PSYCH 20809231 - Intro Psychology  
PSYCH 20809237 - Abnormal Psych

PSYCH 10809159 - Abnormal Psychology  
PSYCH 10809198 - Intro to Psychology  
PSYCH 10809999 - Transfer In: Psych  
PSYCH 20809233 - Developmental Psychology  
PSYCH 20809999 - Transfer In: Psychology

#### Oral/Interpersonal Communication

**Not Satisfied:** Completion of one of the listed courses satisfies this requirement. This course requirement is recommended for second semester.

**Units:** 3.00 required, 0.00 used, 3.00 needed

#### Courses Available

COMM 10801152 - Communication Skills 2  
COMM 10801999 - Transfer In: Comm Skills  
ENGLISH 10801164 - Technical Comm Publication & P  
ENGLISH 20801202 - English 2  
SPEECH 10810999 - Transfer In: Speech  
SPEECH 20810996 - Transfer In: Speech-St Teach  
SPEECH 20810999 - Transfer In: Speech Comm

COMM 10801196 - Oral/Interpersonal Comm  
COMM 20810205 - Small Group & Interpsnl Comm  
ENGLISH 10801197 - Technical Reporting  
SPEECH 10801198 - Speech  
SPEECH 20810242 - Public Speaking  
SPEECH 20810997 - Transfer In: Speech/Foresnics



Math of Finance

**Not Satisfied:** Completion of one of the listed courses satisfies this requirement. This course requirement is recommended for third semester.

**Units:** 3.00 required, 0.00 used, 3.00 needed

**Courses Available**

MATH 10804113 - College Technical Math 1A	MATH 10804114 - College Technical Math 1B
MATH 10804115 - College Technical Math 1	MATH 10804116 - College Technical Math 2
MATH 10804131 - Technical Calculus 1	MATH 10804132 - Technical Calculus 2
MATH 10804144 - Math of Finance	MATH 10804196 - Trigonometry w Apps
MATH 10804198 - Calculus 1	MATH 20804201 - Intermediate Algebra
MATH 20804202 - Intermediate Algebra Part 1	MATH 20804203 - Intermediate Algebra Part 2
MATH 20804206 - Intro Computer Use	MATH 20804208 - Computer Science
MATH 20804210 - Math for Elementary Teachers	MATH 20804211 - Quantitative Reasoning
MATH 20804212 - College Algebra	MATH 20804213 - Trigonometry
MATH 20804214 - Math for Elementary Teachers 2	MATH 20804215 - Computer Science 1
MATH 20804216 - Computer Science 2	MATH 20804220 - Finite Math
MATH 20804221 - Calculus Mthds Bus/SocSci I	MATH 20804223 - Calc Methods Bus & Soc Sci II
MATH 20804228 - Calculus w Algebra & Trig 1	MATH 20804229 - Math Analysis
MATH 20804230 - Calculus w Algebra & Trig II	MATH 20804231 - Calculus & Analy Geom 1
MATH 20804232 - Calculus and Analy Geom 2	MATH 20804233 - Calculus 3
MATH 20804240 - Basic Statistics	MATH 20804241 - Intro to Engineering Stats
MATH 20804255 - Ordinary Differential Equation	MATH 20804256 - Elem Matrix & Linear Algebra
MATH 20804265 - Intro to Discrete Mathematics	MATH 20804996 - Transfer In: Calculus

Contemporary American Society

**Not Satisfied:** Completion of one of the listed courses satisfies this requirement. This course requirement is recommended for fourth semester.

**Units:** 3.00 required, 0.00 used, 3.00 needed

**Courses Available**

PHILOS 10809103 - Think Critically & Creatively	PHILOS 10809166 - Intro to Ethics: Theory & App
PHILOS 10809997 - Transfer In: Philos	PHILOS 20809260 - Intro Philosophy
PHILOS 20809262 - Contemporary Moral Issues	PHILOS 20809264 - Intro Logic/Critical Thinking
PHILOS 20809274 - Leadership Ethics	PHILOS 20809276 - Business Ethics
PHILOS 20809988 - Transfer In: Ethics	PHILOS 20809997 - Transfer In: Philosophy
SOC 10809172 - Intro to Diversity Studies	SOC 10809196 - Intro to Sociology
SOC 10809197 - Contemporary Amer Society	SOC 10809998 - Transfer In: Soc
SOC 20809202 - Social Problems	SOC 20809203 - Intro Sociology
SOC 20809204 - Marriage Family	SOC 20809207 - Criminology
SOC 20809208 - Cont Afro Amer Soc	SOC 20809229 - Social Movements
SOC 20809241 - Race And Ethnic Relations	SOC 20809252 - Race and Ethnicity in the U.S.
SOC 20809275 - Sociology of Religion	SOC 20809277 - Couple Relationships
SOC 20809291 - Technology and Society	