

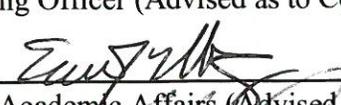
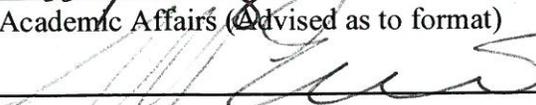
BOROUGH OF MANHATTAN COMMUNITY COLLEGE
The City University of New York

Curriculum Proposal

COURSE REVISION

1. Name of Department: Computer Information Systems
2. Name and Number of course: CSC 110 - Programming I
3. This course is being withdrawn. (Go to 5)
4. Course revised. Check appropriate items.
 - Change course number from _____ to _____
 - Change course title from _____
to _____
 - Change course hours from _____ to _____
 - Change course credit from _____ to _____
 - Change basic skills requirements from _____
to _____
 - Change prerequisites from CSC101 or departmental approval
to CSC101 or GIS101 or departmental approval
 - Change corequisites from _____
to _____
 - Change course description. Attach a copy of old and new description.
 - Other (Specify): _____
5. Reason(s) for change(s): Enable GIS students to learn programming
6. Date effective: FALL 2020

Signatures

- | | | |
|----|--|---------------------------|
| 1. | 
_____ | <u>2/10/2020</u>
_____ |
| | Department Chairperson or Program Director | Date |
| 2. | <u>Alan</u>
_____ | <u>2/25/20</u>
_____ |
| | Scheduling Officer (Advised as to Course Code) | Date |
| 3. | 
_____ | <u>2/24/2020</u>
_____ |
| | Dean of Academic Affairs (Advised as to format) | Date |
| 4. | 
_____ | <u>3/4/20</u>
_____ |
| | Chairperson of Curriculum Committee | Date |

BOROUGH OF MANHATTAN COMMUNITY COLLEGE
The City University of New York

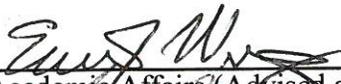
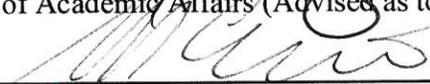
Curriculum Proposal

CURRICULUM REVISION

Attach a copy of the new and old curricula to this sheet as well as any new course or course revisions required as part of this curriculum revision. Use a two column format comparing the old and new curricula.

1. Name of Department: Computer information Systems
2. Name of old curriculum: Computer Science
3. Name of new curriculum: Computer Science
4. Degree to be granted: AS
5. Semester curriculum revision will first be effective: Fall 2020
6. Estimated enrollment in curriculum (number of students estimated to begin this curriculum per academic year): _____ 450
7. Will this curriculum revision require special materials, equipment or space that were not required for the old curriculum? Yes No If yes, attach an explanation.
8. Number of new courses: 0
9. Number of old courses being dropped: 0
10. Number of course revisions required as part of this revision: 0

Signatures

1.  2/24/2020
Department Chairperson or Program Director Date
2. Alan 2/25/20
Scheduling Officer (Advised as to Course Code) Date
3.  2/26/2020
Dean of Academic Affairs (Advised as to format) Date
4.  3/4/20
Chairperson of Curriculum Committee Date

BOROUGH OF MANHATTAN COMMUNITY COLLEGE
The City University of New York

Curriculum Proposal

CURRICULUM REVISION

Attach a copy of the new and old curricula to this sheet as well as any new course or course revisions required as part of this curriculum revision. Use a two column format comparing the old and new curricula.

1. Name of Department: Computer information Systems
2. Name of old curriculum: Computer information Systems
3. Name of new curriculum: Computer information Systems
4. Degree to be granted: AAS
5. Semester curriculum revision will first be effective: Fall 2020
6. Estimated enrollment in curriculum (number of students estimated to begin this curriculum per academic year): 300
7. Will this curriculum revision require special materials, equipment or space that were not required for the old curriculum? Yes No If yes, attach an explanation.
8. Number of new courses: 0
9. Number of old courses being dropped: 0
10. Number of course revisions required as part of this revision: 0

Signatures

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|----|---|-----------------------------------|
| 1. | 

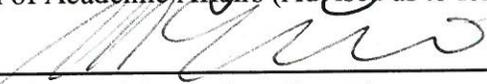
Department Chairperson or Program Director | <u>2/24/20</u>

Date |
| 2. | <u>Alan</u>

Scheduling Officer (Advised as to Course Code) | <u>2/25/20</u>

Date |
| 3. | 

Dean of Academic Affairs (Advised as to format) | <u>2/26/2020</u>

Date |
| 4. | 

Chairperson of Curriculum Committee | <u>3/4/20</u>

Date |

BOROUGH OF MANHATTAN COMMUNITY COLLEGE
The City University of New York

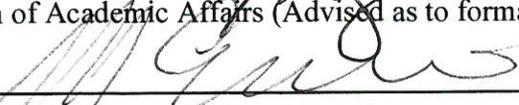
Curriculum Proposal

CURRICULUM REVISION

Attach a copy of the new and old curricula to this sheet as well as any new course or course revisions required as part of this curriculum revision. Use a two column format comparing the old and new curricula.

1. Name of Department: Computer information Systems
2. Name of old curriculum: Computer Network Technology
3. Name of new curriculum: Computer Network Technology
4. Degree to be granted: AAS
5. Semester curriculum revision will first be effective: Fall 2020
6. Estimated enrollment in curriculum (number of students estimated to begin this curriculum per academic year): 350
7. Will this curriculum revision require special materials, equipment or space that were not required for the old curriculum? Yes No If yes, attach an explanation.
8. Number of new courses: 0
9. Number of old courses being dropped: 0
10. Number of course revisions required as part of this revision: 0

Signatures

- | | | |
|----|--|----------------|
| 1. | <u></u> | <u>2/24/20</u> |
| | Department Chairperson or Program Director | Date |
| 2. | <u>Alan</u> | <u>2/25/20</u> |
| | Scheduling Officer (Advised as to Course Code) | Date |
| 3. | <u></u> | <u>2/26/20</u> |
| | Dean of Academic Affairs (Advised as to format) | Date |
| 4. | <u></u> | <u>3/4/20</u> |
| | Chairperson of Curriculum Committee | Date |

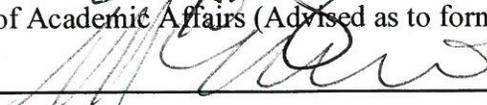
BOROUGH OF MANHATTAN COMMUNITY COLLEGE
The City University of New York

Curriculum Proposal

COURSE REVISION

1. Name of Department: Computer Information Systems
2. Name and Number of course: CIS 359 - Information Assurance
3. This course is being withdrawn. (Go to 5)
4. Course revised. Check appropriate items.
 - Change course number from _____ to _____
 - Change course title from _____
to _____
 - Change course hours from _____ to _____
 - Change course credit from _____ to _____
 - Change basic skills requirements from _____
to _____
 - Change prerequisites from CIS 255 or departmental approval
to CSC210 or CSC211 or CIS255 or departmental approval
 - Change corequisites from _____
to _____
 - Change course description. Attach a copy of old and new description.
 - Other (Specify): _____
5. Reason(s) for change(s): Ensure that students have mastered programming before taking advanced Web Programming
6. Date effective: FALL 2020

Signatures

- | | | |
|----|--|------------------|
| 1. | <u></u> | <u>2/24/2020</u> |
| | Department Chairperson or Program Director | Date |
| 2. | <u></u> | <u>2/25/20</u> |
| | Scheduling Officer (Advised as to Course Code) | Date |
| 3. | <u></u> | <u>2/26/2020</u> |
| | Dean of Academic Affairs (Advised as to format) | Date |
| 4. | <u></u> | <u>3/4/20</u> |
| | Chairperson of Curriculum Committee | Date |

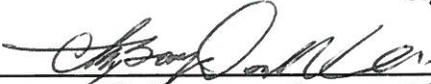
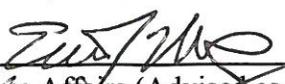
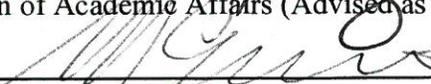
BOROUGH OF MANHATTAN COMMUNITY COLLEGE
The City University of New York

Curriculum Proposal

COURSE REVISION

1. Name of Department: Computer Information Systems
2. Name and Number of course: CIS 485 - Web Programming II
3. This course is being withdrawn. (Go to 5)
4. Course revised. Check appropriate items.
 - Change course number from _____ to _____
 - Change course title from _____
to _____
 - Change course hours from _____ to _____
 - Change course credit from _____ to _____
 - Change basic skills requirements from _____
to _____
 - Change prerequisites from CIS 385 or departmental approval
to ((CSC210 or CSC211) and CIS385) or departmental approval
 - Change corequisites from _____
to _____
 - Change course description. Attach a copy of old and new description.
 - Other (Specify): _____
5. Reason(s) for change(s): Ensure that students have mastered programming before taking advanced Web Programming
6. Date effective: FALL 2020

Signatures

- | | | |
|----|--|------------------|
| 1. | <u></u> | <u>2/24/2020</u> |
| | Department Chairperson or Program Director | Date |
| 2. | <u>Alan</u> | <u>2/25/20</u> |
| | Scheduling Officer (Advised as to Course Code) | Date |
| 3. | <u></u> | <u>2/25/2020</u> |
| | Dean of Academic Affairs (Advised as to format) | Date |
| 4. | <u></u> | <u>3/4/20</u> |
| | Chairperson of Curriculum Committee | Date |

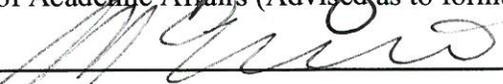
BOROUGH OF MANHATTAN COMMUNITY COLLEGE
The City University of New York

Curriculum Proposal

COURSE REVISION

1. Name of Department: Computer Information Systems
2. Name and Number of course: CIS 255 - Computer Software
3. This course is being withdrawn. (Go to 5)
4. Course revised. Check appropriate items.
 - Change course number from _____ to _____
 - Change course title from _____
to _____
 - Change course hours from _____ to _____
 - Change course credit from _____ to _____
 - Change basic skills requirements from _____
to _____
 - Change prerequisites from CIS 155
to CIS 165 or departmental approval
 - Change corequisites from _____
to _____
 - Change course description. Attach a copy of old and new description.
 - Other (Specify): _____
5. Reason(s) for change(s): CIS 155 have been replaced by CIS 165
6. Date effective: FALL 2020

Signatures

- | | | |
|----|--|---------------------------|
| 1. | 
_____ | <u>2/24/20</u>
_____ |
| | Department Chairperson or Program Director | Date |
| 2. | <u>Alan</u>
_____ | <u>2/25/20</u>
_____ |
| | Scheduling Officer (Advised as to Course Code) | Date |
| 3. | 
_____ | <u>2/26/2020</u>
_____ |
| | Dean of Academic Affairs (Advised as to format) | Date |
| 4. | 
_____ | <u>3/4/20</u>
_____ |
| | Chairperson of Curriculum Committee | Date |

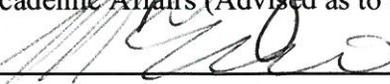
BOROUGH OF MANHATTAN COMMUNITY COLLEGE
The City University of New York

Curriculum Proposal

COURSE REVISION

1. Name of Department: Computer Information Systems
2. Name and Number of course: CSC210 - Computer Programming II
3. This course is being withdrawn. (Go to 5)
4. Course revised. Check appropriate items.
 - Change course number from _____ to _____
 - Change course title from _____
to _____
 - Change course hours from _____ to _____
 - Change course credit from _____ to _____
 - Change basic skills requirements from _____
to _____
 - Change prerequisites from CSC110
to CSC110 or CSC111 or departmental approval
 - Change corequisites from _____
to _____
 - Change course description. Attach a copy of old and new description.
 - Other (Specify): _____
5. Reason(s) for change(s): Enable students who have taken programming to learn JAVA
6. Date effective: FALL 2020

Signatures

- | | | |
|----|--|---------------------------|
| 1. | 
_____ | <u>2/24/2020</u>
_____ |
| | Department Chairperson or Program Director | Date |
| 2. | <u>Alane</u>
_____ | <u>2/25/20</u>
_____ |
| | Scheduling Officer (Advised as to Course Code) | Date |
| 3. | 
_____ | <u>2/25/2020</u>
_____ |
| | Dean of Academic Affairs (Advised as to format) | Date |
| 4. | 
_____ | <u>3/4/20</u>
_____ |
| | Chairperson of Curriculum Committee | Date |

Minutes CIS Departmental Meeting December 11, 2019 2:15 p.m. F-930B

Present:	Avcilar, T.	Azhar, M.	Benkarroum, Y.	Chan, M.	Chen, Y.
	Errera, A.	Genis, Y.	Kok, M.	Leung, L.	Linares, C.
	Persaud, C.	Rani, C.	Salvati, A.	Tang, H.	Vatankhah, M.
	Wei, C.	Yuen, T.			
	Absent:	Greer, R.	Vargas, J.	Yan, H.	

1. The meeting was called to order by Prof. Wei on December 11, 2019 at 2:40 p.m. in F930B.
2. The minutes from November 13, 2019 were approved unanimously.
3. Chair's Report
 - a) Prof. Wei suggested that a survey be conducted to determine whether the College Computer center or the CIS CLTs should administer CIS faculty workstations. He also asked faculty to create specifications for new departmental workstations.
 - b) Prof. Tang stated that a meeting to schedule courses for students in the CWNY/CUNY program will be held shortly.
 - c) Prof. Wei suggested that use for lab F909 be changed to include equal times for regular lab and open lab uses.
 - d) Prof. Wei reported that additional sections of CSC111 and CSC211 will be needed for spring 2020. He also stated that faculty overloads will be assigned shortly.
 - e) Prof. Wei said that CIS455 could be used as a pilot course for the CUNY Corps program.
 - f) Prof. Wei suggested that the department consider holding presentations about accessibility for various programs withing the college.
 - g) Prof. Wei reported that qualifying exams for CIS165 and CIS345 were created and Advanced Placement exams for CSC101 and CSC110 will be created shortly.

4. Assessment Committee

Prof. Salvati reiterated that the assessment committee will provide assistance to any faculty who is tasked with item 6 in the APR requirements.

5. Curriculum Committee

- a) Prof. Kok proposed modification to the following courses:
 - i. CSC110 add prerequisite GIS101
 - ii. CIS255 replace prerequisite CIS155 with CIS165
 - iii. CSC210 add prerequisite CSC111
 - iv. CIS485 add prerequisite CSC210 or CSC211
 - v. CIS359 add prerequisite CSC111 or CSC110

The department voted unanimously to approve this change.

Yes: 17 No: 0 Abstain: 0

Curriculum Changes for Computer Network Technology (CNT) Program (AAS)

Old CNT Curriculum				New CNT Curriculum			
Common Core				Common Core			
<i>Required Common Core</i>				<i>Required Common Core</i>			
English Composition		6		English Composition		6	
Mathematical & Quantitative Reasoning ¹		4		Mathematical & Quantitative Reasoning ¹		4	
Life & Physical Sciences ²		4		Life & Physical Sciences ²		4	
Total Required Common Core			14	Total Required Common Core			14
<i>Flexible Common Core</i> ³				<i>Flexible Common Core</i> ³			
Creative Expression		3		Creative Expression		3	
Individual & Society		3		Individual & Society		3	
Scientific World ^{4,6}		3		Scientific World ^{5,6}		3	
U.S. Experience in Its Diversity		3		U.S. Experience in Its Diversity		3	
World Culture & Global Issues		3		World Culture & Global Issues		3	
Total Flexible Core			10	Total Flexible Core			10
Total Common Core			24	Total Common Core			24
Curriculum Requirements				Curriculum Requirements			
CIS	165	Introduction to Operating Systems	3	CIS	165	Introduction to Operating Systems	3
CIS	255	Computer Software	3	CIS	255	Computer Software	3
CIS	345	Telecommunication Networks I	3	CIS	345	Telecommunication Networks I	3
CIS	445	Telecommunications Networks II	3	CIS	445	Telecommunications Networks II	3
CIS	440	UNIX	3	CIS	440	UNIX	3
CIS	455	Network Security	3	CIS	455	Network Security	3
ACC	122	Accounting Principles I	3	ACC	122	Accounting Principles I	3
BUS	104	Introduction to Business	3	BUS	104	Introduction to Business	3
		or				or	
BUS	200	Business Organization and Management		BUS	200	Business Organization and Management	
XXX	xxx	Program Elective ⁷	6	XXX	xxx	Program Elective ⁷	6
XXX	xxx	Elective ⁸	6	XXX	xxx	Elective ⁸	6
Total Curriculum Credits			36	Total Curriculum Credits			36
Total Program Credits			60	Total Program Credits			60

Note:

¹ Students are strongly advised to take MAT 150, MAT 200, MAT 206, or MAT 301.

² Students are strongly advised to take AST 110 or PHY 110.

³ No more than two courses in any discipline or interdisciplinary field can be used to satisfy Flexible Core requirements.

⁴ Students are strongly advised to take CSC 110

⁵ Students are strongly advised to take CSC 110 or CSC111.

⁶ Students are strongly advised to take CSC 101.

⁷ Choose courses from GIS101, GIS201, CIS359, CIS362, CIS364, CIS459, CIS490

⁸ Choose courses from ACC, BUS, CIS, CSC, GIS, or MMP (except CIS100)

Curriculum Changes for Computer Science (CSC) Program (AS)

Old CSC Curriculum				New CSC Curriculum			
Common Core				Common Core			
<i>Required Common Core</i>				<i>Required Common Core</i>			
English Composition			6	English Composition			6
Mathematical & Quantitative Reasoning ¹			3	Mathematical & Quantitative Reasoning ¹			3
Life & Physical Sciences ²			3	Life & Physical Sciences ²			3
<i>Total Required Common Core</i>			12	<i>Total Required Common Core</i>			12
<i>Flexible Common Core</i> ³				<i>Flexible Common Core</i> ³			
Creative Expression ⁴			3	Creative Expression ⁴			3
Individual & Society			3	Individual & Society			3
Scientific World ⁵			3	Scientific World ^{5,6}			3
U.S. Experience in Its Diversity			3	U.S. Experience in Its Diversity			3
World Culture & Global Issues			3	World Culture & Global Issues			3
<i>Total Flexible Core</i>			18	<i>Total Flexible Core</i>			18
<i>Total Common Core</i>			30	<i>Total Common Core</i>			30
Curriculum Requirements				Curriculum Requirements			
MAT	302	Analytic Geometry and Calculus II	4	MAT	302	Analytic Geometry and Calculus II	4
CSC	111	Introduction to Programming	4	CSC	211	Advanced Programming Techniques	3
CSC	211	Advanced Programming Techniques	3	CSC	215	Fundamentals of Computer Systems	3
CSC	215	Fundamentals of Computer Systems	3	CSC	231	Discrete Structures and Applications to Computer Science	4
CSC	231	Discrete Structures and Applications to Computer Science	4	CSC	331	Data Structures	3
CSC	331	Data Structures	3	CSC	350	Software Development	3
CSC	350	Software Development	3	XXX	xxx	Program Elective ⁷ *** STEM variant ***	6
XXX	xxx	General Elective *** STEM variant ***	10	XXX	xxx	General Elective *** STEM variant ***	4
<i>Total Curriculum Credits</i>			30	<i>Total Curriculum Credits</i>			30
<i>Total Program Credits</i>			60	<i>Total Program Credits</i>			60

Note:

¹ Students are strongly advised to take MAT 206 or MAT 301.

² Students are strongly advised to take PHY 215.

³ No more than two courses in any discipline or interdisciplinary field can be used to satisfy Flexible Core requirements.

⁴ Students are strongly advised to take SPE 100 or SPE 102.

⁵ Students are strongly advised to take CSC 101.

⁶ Students are strongly advised to take CSC 111

⁷ Select 6 credits from CIS317, CIS345, CIS359, CIS362, CIS364, CIS 385, CIS395, CSC103, GIS201

*** These credits can be satisfied by taking a STEM variant in the Common Core.

Curriculum Changes for Computer Information Systems (CIS) Program (AAS)

Old CIS Curriculum				New CIS Curriculum			
Common Core				Common Core			
<i>Required Common Core</i>				<i>Required Common Core</i>			
English Composition			6	English Composition			6
Mathematical & Quantitative Reasoning ¹			4	Mathematical & Quantitative Reasoning ¹			4
Life & Physical Sciences ²			4	Life & Physical Sciences ²			4
Total Required Common Core			14	Total Required Common Core			14
<i>Flexible Common Core</i> ³				<i>Flexible Common Core</i> ³			
Creative Expression			3	Creative Expression			3
Individual & Society			3	Individual & Society			3
Scientific World ^{4,5}			3	Scientific World ^{5,6}			3
U.S. Experience in Its Diversity			3	U.S. Experience in Its Diversity			3
World Culture & Global Issues			3	World Culture & Global Issues			3
Total Flexible Common Core			10	Total Flexible Common Core			10
Total Common Core			24	Total Common Core			24
Curriculum Requirements				Curriculum Requirements			
CSC	210	Computer Programming II	3	CSC	210	Computer Programming II	3
CIS	395	Database Systems I	3	CIS	395	Database Systems I	3
CIS	345	Telecommunication Networks I	3	CIS	345	Telecommunication Networks I	3
CIS	385	Web Programming I	3	CIS	385	Web Programming I	3
CIS	440	UNIX	3	CIS	440	UNIX	3
CIS	485	Web Programming II	3	CIS	485	Web Programming II	3
CIS	495	Database Systems II	3	CIS	495	Database Systems II	3
ACC	122	Accounting Principles I	3	ACC	122	Accounting Principles I	3
BUS	104	Introduction to Business	3	BUS	104	Introduction to Business	3
		or				or	
BUS	200	Business Organization and Management		BUS	200	Business Organization and Management	
XXX	xxx	Program Elective ⁷	6	XXX	xxx	Program Elective ⁷	6
XXX	xxx	Elective ⁸	3	XXX	xxx	Elective ⁸	3
Total Curriculum Credits			36	Total Curriculum Credits			36
Total Program Credits			60	Total Program Credits			60

Note:

¹ Students are strongly advised to take MAT 150, MAT 200, MAT 206, or MAT 301.

² Students are strongly advised to take AST 110 or PHY 110.

³ No more than two courses in any discipline or interdisciplinary field can be used to satisfy Flexible Core requirements.

⁴ Students are strongly advised to take CSC 110

⁵ Students are strongly advised to take CSC 110 or CSC111.

⁶ Students are strongly advised to take CSC 101.

⁷ Choose courses from GIS101, GIS201, CIS359, CIS362, CIS364, CIS459, CIS490

⁸ Choose courses from ACC, BUS, CIS, CSC, GIS, or MMP (except CIS100)