


New York City College of Technology, CUNY

CURRICULUM MODIFICATION PROPOSAL FORM

This form is used for all curriculum modification proposals. See the [Proposal Classification Chart](#) for information about what types of modifications are major or minor. Completed proposals should be emailed to the Curriculum Committee chair.

Title of Proposal	Change prerequisites of CST 1215: Operating Systems Fundamentals and AAS in CIS degree requirement
Date	February 28, 2018
Major or Minor	Minor
Proposer's Name	Candido Cabo
Department	Computer Systems Technology
Date of Departmental Meeting in which proposal was approved	2/28/2018
Department Chair Name	Hong Li
Department Chair Signature and Date	 March 1, 2018
Academic Dean Name	Kevin Hom
Academic Dean Signature and Date	
Brief Description of Proposal (Describe the modifications contained within this proposal in a succinct summary. More detailed content will be provided in the proposal body.)	<ol style="list-style-type: none"> 1. The proposal is to change the prerequisites of CST1215 from: CST 1100 and CST 1101 to: CST 1100 2. The proposal moves CST 2400 from a required course to an elective course in the AAS in CIS and in the B.Tech in Computer Systems programs.
Brief Rationale for Proposal (Provide a concise summary of why this proposed change is important to the department. More detailed content will be provided in the proposal body).	<p>The content of CST 1101 is not necessary for students to succeed in CST 1215.</p> <p>While CST 2400 is an important course, CST 2400 should not be a core CST course for the AAS program in CIS and in the B.Tech in Computer Systems that every student should take. Students not interested in computer management will now have a chance to take another elective in an area of their interest. Students interested in computer systems management and support should still be able to take CST 2400 as an elective.</p>
Proposal History	This is a new submission.

Please include all appropriate documentation as indicated in the Curriculum Modification Checklist.

ALL PROPOSAL CHECK LIST

Completed CURRICULUM MODIFICATION FORM including:	
• Brief description of proposal	X
• Rationale for proposal	X
• Date of department meeting approving the modification	X
• Chair's Signature	X
• Dean's Signature	X
Evidence of consultation with affected departments List of the programs that use this course as required or elective, and courses that use this as a prerequisite.	N/A
Documentation of Advisory Commission views (if applicable).	N/A
Completed Chancellor's Report Form .	X

EXISTING PROGRAM MODIFICATION PROPOSALS

Documentation indicating core curriculum requirements have been met for new programs/options or program changes.	N/A
Detailed rationale for each modification (this includes minor modifications)	X

**Section AV: Changes in Existing Courses
AV.1.**

CST1215 Operating Systems Fundamentals

CUNYFirst Course ID	037880		
FROM:		TO:	
Department(s)		Department(s)	
Course		Course	
Prerequisite	CST 1100 and CST 1101	Prerequisite	CST 1100
Corequisite		Corequisite	
Pre- or corequisite		Pre- or corequisite	
Hours		Hours	
Credits		Credits	
Description		Description	
Requirement Designation		Requirement Designation	
Liberal Arts	<input type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc)		Course Attribute (e.g. Writing Intensive, Honors, etc)	

Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed – Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> Speech <input type="checkbox"/> Interdisciplinary <input type="checkbox"/> Advanced Liberal Arts	Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> Speech <input type="checkbox"/> Interdisciplinary <input type="checkbox"/> Advanced Liberal Arts
Effective Term	Fall 2019		

Rationale: The content of CST 1101 is not necessary for students to succeed in CST 1215.

Section All: Changes in Degree Programs

The following revisions are proposed for the AAS in Computer Information Systems**Program: AAS in Computer Information Systems****Program Code: ????****Effective Date: Fall 2018**

FROM:	TO:
<p>GENERAL EDUCATION COMMON CORE (22 CREDITS)</p> <p>I – REQUIRED CORE (4 COURSES, 13 CREDITS)</p> <p>English Composition (2 courses, 6 credits) ENG 1101 English Composition I (3 cr) ENG 1121 English Composition II (3 cr)</p> <p>Mathematical and Quantitative Reasoning (1 course, 4 credits) MAT 1375 Precalculus or higher (4 cr)</p> <p>Life and Physical Sciences (1 course, 3 credits) Any Approved Course (3 cr)</p> <p>II – FLEXIBLE CORE (3 COURSES, 9 CREDITS) In addition to the required courses listed below, select one course from any of the other four areas. (3 cr)</p> <p>World Cultures and Global Issues Any Approved Course</p> <p>US Experience in its Diversity Any Approved Course</p> <p>Individual and Society PSY 1101 Introduction to Psychology (3 cr)</p> <p>Creative Expression Any Approved Course</p> <p>Scientific World Any Approved Course</p>	<p>GENERAL EDUCATION COMMON CORE (22 CREDITS)</p> <p>I – REQUIRED CORE (4 COURSES, 13 CREDITS)</p> <p>English Composition (2 courses, 6 credits) ENG 1101 English Composition I (3 cr) ENG 1121 English Composition II (3 cr)</p> <p>Mathematical and Quantitative Reasoning (1 course, 4 credits) MAT 1375 Precalculus or higher (4 cr)</p> <p>Life and Physical Sciences (1 course, 3 credits) Any Approved Course (3 cr)</p> <p>II – FLEXIBLE CORE (3 COURSES, 9 CREDITS) In addition to the required courses listed below, select one course from any of the other four areas. (3 cr)</p> <p>World Cultures and Global Issues Any Approved Course</p> <p>US Experience in its Diversity Any Approved Course</p> <p>Individual and Society PSY 1101 Introduction to Psychology (3 cr)</p> <p>Creative Expression Any Approved Course</p> <p>Scientific World Any Approved Course</p>

<p>One additional course from any group COM 1330 Public Speaking or higher (3 cr)</p> <p>Program –Specific Degree Requirements (38 credits)</p> <p>CST 1100 Introduction to Computer Systems (3 cr) CST 1101 Problem Solving with Computer Programming (3 cr) CST 1201 Programming Fundamentals (3 cr) CST 1204 Database Systems Fundamentals (3 cr) CST 1215 Operating Systems Fundamentals (3 cr) CST 2307 Networking Fundamentals (3 cr) CST 2309 Web Programming I (3 cr) CST 2400 Computer Systems Management and Support (3 cr) CST 2410 Introduction to Computer Security (3 cr) CST 2801 Special Topics in Information Technology (1 cr)</p> <p>Choose one elective from the following list: 3 cr</p> <p>CST 2301 Multimedia and Mobile Device Programming CST 2405 System Administration (Windows) CST 2406 Introduction to Systems Analysis and Design CST 2409 Web Programming II CST 2415 System Administration (UNIX/Linux) CST 2900 AAS Internship</p> <p>Additional required courses</p> <p>ACC 1101 Principles of Accounting (4 cr) BUS 2425 Business Management (3 cr)</p> <p>Core Courses</p> <p>MAT 1375 Precalculus or higher (Met as GenEd) PSY 1101 Introduction to Psychology (Met as GenEd) COM 1330 Public Speaking or higher (Met as GenEd)</p> <p>TOTAL PROGRAM-SPECIFIC REQUIRED AND ELECTIVE COURSES (38 cr) TOTAL NYSED LIBERAL ARTS AND SCIENCE CREDITS (22 cr) TOTAL CREDITS REQUIRED FOR THE DEGREE (60 cr)</p>	<p>One additional course from any group COM 1330 Public Speaking or higher (3 cr)</p> <p>Program –Specific Degree Requirements (38 credits)</p> <p>CST 1100 Introduction to Computer Systems (3 cr) CST 1101 Problem Solving with Computer Programming (3 cr) CST 1201 Programming Fundamentals (3 cr) CST 1204 Database Systems Fundamentals (3 cr) CST 1215 Operating Systems Fundamentals (3 cr) CST 2307 Networking Fundamentals (3 cr) CST 2309 Web Programming I (3 cr) CST 2410 Introduction to Computer Security (3 cr) CST 2801 Special Topics in Information Technology (1 cr)</p> <p>Choose <u>two</u> electives from the following list: <u>6 cr</u></p> <p>CST 2301 Multimedia and Mobile Device Programming <u>CST 2400 Computer Systems Management and Support</u> CST 2405 System Administration (Windows) CST 2406 Introduction to Systems Analysis and Design CST 2409 Web Programming II CST 2415 System Administration (UNIX/Linux) CST 2900 AAS Internship</p> <p>Additional required courses</p> <p>ACC 1101 Principles of Accounting (4 cr) BUS 2425 Business Management (3 cr)</p> <p>Core Courses</p> <p>MAT 1375 Precalculus or higher (Met as GenEd) PSY 1101 Introduction to Psychology (Met as GenEd) COM 1330 Public Speaking or higher (Met as GenEd)</p> <p>TOTAL PROGRAM-SPECIFIC REQUIRED AND ELECTIVE COURSES (38 cr) TOTAL NYSED LIBERAL ARTS AND SCIENCE CREDITS (22 cr) TOTAL CREDITS REQUIRED FOR THE DEGREE (60 cr)</p>
--	--

--	--

Rationale: While CST 2400 is an important course, CST 2400 should not be a core CST course for the AAS program in CIS that every student should take. Students not interested in computer management will now have a chance to take another elective in an area of their interest. Students interested in computer systems management and support should still be able to take CST 2400 as an elective

Section All: Changes in Degree Programs

The following revisions are proposed for the AAS in Computer Information Systems**Program: B. Tech in Computer Systems****Program Code: ????****Effective Date: Fall 2018**

FROM:	TO:
<p>GENERAL EDUCATION COMMON CORE (43 CREDITS)</p> <p>I – REQUIRED CORE (4 COURSES, 13 CREDITS)</p> <p>English Composition (2 courses, 6 credits) ENG 1101 English Composition I (3 cr) ENG 1121 English Composition II (3 cr)</p> <p>Mathematical and Quantitative Reasoning (1 course, 4 credits) MAT 1375 Precalculus or higher (4 cr)</p> <p>Life and Physical Sciences (1 course, 3 credits) Any Approved Course (3 cr)</p> <p>II – FLEXIBLE CORE (6 COURSES, 18 CREDITS)</p> <p>World Cultures and Global Issues Any Approved Course</p> <p>US Experience in its Diversity Any Approved Course</p> <p>Individual and Society PSY 1101 Introduction to Psychology (3 cr)</p> <p>Creative Expression Any Approved Course</p> <p>Scientific World Any Approved Course</p> <p>One additional course from any group</p>	<p>GENERAL EDUCATION COMMON CORE (43 CREDITS)</p> <p>I – REQUIRED CORE (4 COURSES, 13 CREDITS)</p> <p>English Composition (2 courses, 6 credits) ENG 1101 English Composition I (3 cr) ENG 1121 English Composition II (3 cr)</p> <p>Mathematical and Quantitative Reasoning (1 course, 4 credits) MAT 1375 Precalculus or higher (4 cr)</p> <p>Life and Physical Sciences (1 course, 3 credits) Any Approved Course (3 cr)</p> <p>II – FLEXIBLE CORE (6 COURSES, 18 CREDITS)</p> <p>World Cultures and Global Issues Any Approved Course</p> <p>US Experience in its Diversity Any Approved Course</p> <p>Individual and Society PSY 1101 Introduction to Psychology (3 cr)</p> <p>Creative Expression Any Approved Course</p> <p>Scientific World Any Approved Course</p> <p>One additional course from any group</p>

<p>PSY 2404 Personnel and Organizational Psychology (3 cr)</p> <p>III – COLLEGE OPTION REQUIREMENTS (12 CREDITS)</p> <ul style="list-style-type: none"> • One course in Speech/Oral Communication COM 1330* Public Speaking or higher (3 cr) • One interdisciplinary Liberal Arts and Sciences course Any Approved Course (3 cr) • Additional liberal arts credits to reach a minimum of 42 credits in general education. <p>In meeting their general education requirements overall, students must take at least one advanced liberal arts course or two sequential courses in a foreign language.</p> <p>MAT 2440 Discrete Structures and Algorithms I (3 cr) MAT 2540 Discrete Structures and Algorithms II (3 cr) or MAT 1475 Calculus I (4 cr)</p> <p>Program –Specific Degree Requirements</p> <p>Associate-Level Degree Requirements (38 credits)</p> <p>CST 1100 Introduction to Computer Systems (3 cr) CST 1101 Problem Solving with Computer Programming (3 cr) CST 1201 Programming Fundamentals (3 cr) CST 1204 Database Systems Fundamentals (3 cr) CST 1215 Operating Systems Fundamentals (3 cr) CST 2307 Networking Fundamentals (3 cr) CST 2309 Web Programming I (3 cr) CST 2400 Computer Systems Management and Support (3 cr) CST 2410 Introduction to Computer Security (3 cr) CST 2801 Special Topics in Information Technology (1 cr) ACC 1101 Principles of Accounting (4 cr) BUS 2425 Business Management (3 cr)</p> <p>Choose one elective from the following list: 3-cr</p> <p>CST 2301 Multimedia and Mobile Device Programming CST 2405 System Administration (Windows) CST 2406 Introduction to Systems Analysis and Design CST 2409 Web Programming II CST 2415 System Administration (UNIX/Linux) CST 2900 AAS Internship</p>	<p>PSY 2404 Personnel and Organizational Psychology (3 cr)</p> <p>III – COLLEGE OPTION REQUIREMENTS (12 CREDITS)</p> <ul style="list-style-type: none"> • One course in Speech/Oral Communication COM 1330* Public Speaking or higher (3 cr) • One interdisciplinary Liberal Arts and Sciences course Any Approved Course (3 cr) • Additional liberal arts credits to reach a minimum of 42 credits in general education. <p>In meeting their general education requirements overall, students must take at least one advanced liberal arts course or two sequential courses in a foreign language.</p> <p>MAT 2440 Discrete Structures and Algorithms I (3 cr) MAT 2540 Discrete Structures and Algorithms II (3 cr) or MAT 1475 Calculus I (4 cr)</p> <p>Program –Specific Degree Requirements (38 credits)</p> <p>Associate-Level Degree Requirements (38 credits)</p> <p>CST 1100 Introduction to Computer Systems (3 cr) CST 1101 Problem Solving with Computer Programming (3 cr) CST 1201 Programming Fundamentals (3 cr) CST 1204 Database Systems Fundamentals (3 cr) CST 1215 Operating Systems Fundamentals (3 cr) CST 2307 Networking Fundamentals (3 cr) CST 2309 Web Programming I (3 cr) CST 2410 Introduction to Computer Security (3 cr) CST 2801 Special Topics in Information Technology (1 cr) ACC 1101 Principles of Accounting (4 cr) BUS 2425 Business Management (3 cr)</p> <p>Choose <u>two</u> electives from the following list: <u>6 cr</u></p> <p>CST 2301 Multimedia and Mobile Device Programming CST 2400 Computer Systems Management and Support CST 2405 System Administration (Windows) CST 2406 Introduction to Systems Analysis and Design CST 2409 Web Programming II CST 2415 System Administration (UNIX/Linux) CST 2900 AAS Internship</p>
--	---

<p>Baccalaureate-Level Degree Requirements (39 credits) Courses common to all tracks</p> <p>CST 4800 Project Management (3 cr) CST 4900 Internship or CST 4905 Information Systems Project (3 cr)</p> <p>Students must complete all courses in one of the following four tracks:</p> <p>Database</p> <p>CST 3504 Database Design (3 cr) CST 2406 Introduction to Systems Analysis and Design or CST 3606 Object-Oriented Systems Analysis and Design (3 cr) CST 3604 Quality Database Implementation (3 cr) CST 3613 Application Development with Database (3 cr) CST 4704 Data Warehousing (3 cr) CST 4714 Database Administration (3 cr) CST 4724 Data on The Web (3 cr)</p> <p>Two Electives (6cr)</p> <p>Elective courses shall be chosen from any CST 35xx, CST 36xx and CST 47xx in the four tracks and CST 3520 Computer Forensics, CST 4706 Software Development Methodologies and CST 4701 Game Programming if prerequisites are met.</p> <p>Networking and Security</p> <p>CST 2405 Systems Administration (Windows) or CST 2415 Systems Administration (UNIX/Linux) (3 cr) CST 3507 Advanced Single-LAN Concepts (3 cr) CST 3523 Task Automation in System Administration (3 cr) CST 3607 Interconnectivity (3 cr) CST 3610 Network Security Fundamentals (3 cr) CST 4707 The LAN-Internet Connection (3 cr) CST 4710 Advanced Security Technologies (3 cr) CST 4715 Advanced Topics in System Administration (3 cr)</p> <p>One Elective (3 cr)</p>	<p>Baccalaureate-Level Degree Requirements (39 credits) Courses common to all tracks</p> <p>CST 4800 Project Management (3 cr) CST 4900 Internship or CST 4905 Information Systems Project (3 cr)</p> <p>Students must complete all courses in one of the following four tracks:</p> <p>Database</p> <p>CST 3504 Database Design (3 cr) CST 2406 Introduction to Systems Analysis and Design or CST 3606 Object-Oriented Systems Analysis and Design (3 cr) CST 3604 Quality Database Implementation (3 cr) CST 3613 Application Development with Database (3 cr) CST 4704 Data Warehousing (3 cr) CST 4714 Database Administration (3 cr) CST 4724 Data on The Web (3 cr)</p> <p>Two Electives (6cr)</p> <p>Elective courses shall be chosen from any CST 35xx, CST 36xx and CST 47xx in the four tracks and CST 3520 Computer Forensics, CST 4706 Software Development Methodologies and CST 4701 Game Programming if prerequisites are met.</p> <p>Networking and Security</p> <p>CST 2405 Systems Administration (Windows) or CST 2415 Systems Administration (UNIX/Linux) (3 cr) CST 3507 Advanced Single-LAN Concepts (3 cr) CST 3523 Task Automation in System Administration (3 cr) CST 3607 Interconnectivity (3 cr) CST 3610 Network Security Fundamentals (3 cr) CST 4707 The LAN-Internet Connection (3 cr) CST 4710 Advanced Security Technologies (3 cr) CST 4715 Advanced Topics in System Administration (3 cr)</p> <p>One Elective (3 cr)</p>
---	---

<p>Elective courses shall be chosen from any CST 35xx, CST 36xx and CST 47xx in the four tracks and CST 3520 Computer Forensics, CST 4706 Software Development Methodologies and CST 4701 Game Programming if prerequisites are met.</p> <p>IT Operations</p> <p>CST 2405 Systems Administration (Windows) or CST 2415 Systems Administration (UNIX/LINUX) (3 cr) CST 3507 Advanced Single-LAN Concepts (3 cr) CST 3605 Virtualization (3 cr) CST 3610 Network Security Fundamentals (3 cr) CST 3615 Enterprise Applications (3 cr) CST 4700 IT Service Management (3 cr) CST 4709 Installing and Maintaining Web Servers (3 cr) CST 4714 Database Administration (3 cr)</p> <p>One Elective</p> <p>Elective courses shall be chosen from any CST 35xx, CST 36xx and CST 47xx in the four tracks and CST 3520 Computer Forensics, CST 4706 Software Development Methodologies and CST 4701 Game Programming if prerequisites are met.</p> <p>Software Development</p> <p>CST 2301 Multimedia and Mobile Device Programming (3 cr) (If a student already took the course as part of AAS degree requirement, he/she will need to take another 3 credit elective course) CST 3513 Object-Oriented Programming (3 cr) CST 3519 Advanced Web Client Technologies (3 cr) CST 3606 Object-Oriented Systems Analysis and Design (3 cr) CST 3613 Application Development with Databases (3 cr) CST 4708 Software Development and .NET Framework (3 cr) CST 4713 Dynamic Web Development: Servlets and JSP (3 cr)</p> <p>Two Electives (6 cr)</p> <p>Elective courses shall be chosen from any CST 35xx, CST 36xx and CST 47xx in the four tracks and CST 3520 Computer Forensics, CST 4706 Software Development Methodologies and CST 4701 Game Programming if prerequisites are met</p> <p>ADDITIONAL PROGRAM-SPECIFIC REQUIREMENTS</p> <p>BUS 3525 Strategic Management (3 cr) COM 1330 Public Speaking or higher (Met as GenEd)</p>	<p>Elective courses shall be chosen from any CST 35xx, CST 36xx and CST 47xx in the four tracks and CST 3520 Computer Forensics, CST 4706 Software Development Methodologies and CST 4701 Game Programming if prerequisites are met.</p> <p>IT Operations</p> <p>CST 2405 Systems Administration (Windows) or CST 2415 Systems Administration (UNIX/LINUX) (3 cr) CST 3507 Advanced Single-LAN Concepts (3 cr) CST 3605 Virtualization (3 cr) CST 3610 Network Security Fundamentals (3 cr) CST 3615 Enterprise Applications (3 cr) CST 4700 IT Service Management (3 cr) CST 4709 Installing and Maintaining Web Servers (3 cr) CST 4714 Database Administration (3 cr)</p> <p>One Elective</p> <p>Elective courses shall be chosen from any CST 35xx, CST 36xx and CST 47xx in the four tracks and CST 3520 Computer Forensics, CST 4706 Software Development Methodologies and CST 4701 Game Programming if prerequisites are met.</p> <p>Software Development</p> <p>CST 2301 Multimedia and Mobile Device Programming (3 cr) (If a student already took the course as part of AAS degree requirement, he/she will need to take another 3 credit elective course) CST 3513 Object-Oriented Programming (3 cr) CST 3519 Advanced Web Client Technologies (3 cr) CST 3606 Object-Oriented Systems Analysis and Design (3 cr) CST 3613 Application Development with Databases (3 cr) CST 4708 Software Development and .NET Framework (3 cr) CST 4713 Dynamic Web Development: Servlets and JSP (3 cr)</p> <p>Two Electives (6 cr)</p> <p>Elective courses shall be chosen from any CST 35xx, CST 36xx and CST 47xx in the four tracks and CST 3520 Computer Forensics, CST 4706 Software Development Methodologies and CST 4701 Game Programming if prerequisites are met</p> <p>ADDITIONAL PROGRAM-SPECIFIC REQUIREMENTS</p> <p>BUS 3525 Strategic Management (3 cr) COM 1330 Public Speaking or higher (Met as GenEd)</p>
--	--

<p>ENG 1101 English Composition I Met as GenEd ENG 1121 English Composition II (Met as GenEd) ENG 2575 Technical Writing (3 cr) MAT 1375 Precalculus or higher (Met as GenEd) MAT 2440 Discrete Structures and Algorithms I (Met as GenEd) MAT 2540 Discrete Structures and Algorithms II or MAT 1475 Calculus I (Met as GenEd) PSY 1101 Introduction to Psychology (Met as GenEd) PSY 2404 Personnel and Organizational Psychology (Met as GenEd)</p> <p>TOTAL PROGRAM-SPECIFIC REQUIRED AND ELECTIVE COURSES (77 cr) TOTAL NYSED LIBERAL ARTS AND SCIENCE CREDITS (43 cr) TOTAL CREDITS REQUIRED FOR THE DEGREE (120 cr)</p>	<p>ENG 1101 English Composition I Met as GenEd ENG 1121 English Composition II (Met as GenEd) ENG 2575 Technical Writing (3 cr) MAT 1375 Precalculus or higher (Met as GenEd) MAT 2440 Discrete Structures and Algorithms I (Met as GenEd) MAT 2540 Discrete Structures and Algorithms II or MAT 1475 Calculus I (Met as GenEd) PSY 1101 Introduction to Psychology (Met as GenEd) PSY 2404 Personnel and Organizational Psychology (Met as GenEd)</p> <p>TOTAL PROGRAM-SPECIFIC REQUIRED AND ELECTIVE COURSES (77 cr) TOTAL NYSED LIBERAL ARTS AND SCIENCE CREDITS (43 cr) TOTAL CREDITS REQUIRED FOR THE DEGREE (120 cr)</p>

Rationale: While CST 2400 is an important course, CST 2400 should not be a core CST course for the B.Tech in Computer Systems that every student should take. Students not interested in computer management will now have a chance to take another elective in an area of their interest. Students interested in computer systems management and support should still be able to take CST 2400 as an elective.