

## Curriculum and Requirements for Majors and Certificates

COMM 60	Basics of Speech Communication	3
COMM 110	Intercultural Communication	3
COMM 115	Gender Communication and the Digital Divide	3
COMM 140	Oral Interpretation of Literature	3
COMM 145	Storytelling	3
COMM 148	Oral Interpretation: Reader's Theatre	3
COMM 200	Contemporary Communication Topics	3
COMM 231	Forensics Activity 1 (Competitive Speech and Debate)	1
COMM 232	Forensics Activity 2 (Competitive Speech and Debate)	2
COMM 233	Forensics Activity 3 (Competitive Speech and Debate)	3
	Total Major Requirements	18

### ASSOCIATE OF ARTS DEGREE REQUIREMENTS:

Complete the following: (1) major requirements, (2) the AA Degree General Education requirements, and (3) electives to achieve a minimum of 60 units.

## COMMUNICATION STUDIES CERTIFICATE OF ACHIEVEMENT

By successfully completing the courses for a Certificate of Achievement in Communication Studies, students will gain breadth and depth of communication competence to significantly impact future employment and promotion. Students can satisfy up to four different general education transfer requirements (Oral Communication, Social Sciences, Humanities and Critical Thinking) as well as build practical and theoretical understanding for future Communication Studies work.

### DIVISION/DEPARTMENT REQUIREMENTS

Choose 12 units from any of the following courses

REQUIRED CORE	UNITS
COMM 60 Basics of Speech Communication	3
COMM 100 Introduction to Communication Studies	3
COMM 103 Argumentation, Persuasion, and Critical Thinking	3
COMM 110 Intercultural Communication	3
COMM 115 Gender, Communication and the Digital Revolution	3
or WGS 115 Gender, Communication and the Digital Revolution	3
COMM 120 Interpersonal Communication	3
COMM 125 Organizational Communication	3
COMM 130 Public Speaking	3
COMM 132 Small Group Communication	3
COMM 140 Oral Interpretation of Literature	3
COMM 145 Storytelling	3
COMM 148 Readers' Theater	3
COMM 200 Contemporary Communication Topics	3
* COMM 231 Forensics Activity (Competitive Speech and Debate)	1
* COMM 232 Forensics Activity (Competitive Speech and Debate)	2
* COMM 233 Forensics Activity (Competitive Speech and Debate)	3
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Total Certificate Requirements	12

\* Up to 3 forensics units may be used toward the speech certificate

## COMPUTER AND INFORMATION SCIENCES: CLIENT-SIDE WEB PAGE DEVELOPMENT CERTIFICATE OF ACHIEVEMENT

Upon completion of the client-side Web page development certificate of achievement, students will be able to use their cutting-edge skills to gain entry-level jobs, and use the certificate for professional growth, salary increases, job promotions, or career changes in the area of information technology.

### DIVISION/DEPARTMENT REQUIREMENTS: UNITS

CIS 103	Computer Programming Logic	3.5
or CIS 180	Programming in C/C++	(3.5)
or CIS 181	Python Programming	(3.5)
or CIS 183	Java Programming	(3.5)
CIS 160	Web Page Development	3.5
CIS 162	HTML and CSS	3.5
CIS 164	JavaScript Programming	3.5
ART 192	Photoshop/Digital Imaging	3
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	Total Certificate Requirements	17

## COMPUTER AND INFORMATION SCIENCES: CLOUD COMPUTING CERTIFICATE OF ACHIEVEMENT

The Cloud Computing program prepares students to design solutions for Infrastructure as a Service (IaaS) architectures by provisioning computing instances, establishing virtual private networks, managing databases and storage within a secure online environment. Students produce dynamic solutions responsive to information and computing technology workloads with on-demand pay-as-you-go pricing allowing flexibility for small business, entrepreneurship and enterprise adoption. Industry certifications are embedded to prepare for occupations in Cloud Architect, Cloud Support Associate, Cloud Engineer or Cloud Technicians. Some preparation in information technology or computer programming is recommended.

### DIVISION/DEPARTMENT REQUIREMENTS UNITS

CIS 170B	Network+ Certification	3.5
CIS 171A	Introduction to Cloud Computing	3
CIS 171B	Amazon Web Services-Data Storage	3
CIS 171C	Amazon Web Services-Computing Services	3
CIS 171D	Amazon Web Services-Security	3

### ELECTIVES (SELECT ONE)

CIS 164	JavaScript Programming	3.5
CIS 182	Java Programming	3.5
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	Total Certificate Requirement	19

## COMPUTER AND INFORMATION SCIENCES: CYBERSECURITY ASSOCIATE OF SCIENCE

The program is designed to prepare students for the high growth profession – information security, by offering training on the cutting-edge skills and knowledge sought by the industry, aiming to provide students opportunities for career change or advancement. Graduates of the program will have a comprehensive understanding of the current security challenges in the cyberspace, and will be equipped with the knowledge and skills needed to help design and implement policies and systems able to support a dependable organization's information infrastructure. Possible career opportunities include entry level cybersecurity analyst, cybersecurity specialist, and cybersecurity engineer, etc.

### REQUIRED COURSES

		UNITS
CIS 170I	CISCO Network Security	3.5
CIS 170P	Introduction to Ethical Hacking	3.5
CIS 170R	Computer and Digital Forensics	3.5
CIS 170L	Cybersecurity Fundamentals	3.5

#### Programming (select one)

CIS 103	Computer Programming Logic	3.5
CIS 164	JavaScript Programming	3.5
CIS 183	Java Programming	3.5
CIS 185	Discrete Structures	3
CIS 189C	Special Topics in Programming	3.5

#### Networking (select one)

CIS 170A	Networking Fundamentals	3.5
CIS 170B	Network+ Certification	3.5
CIS 170H	TCP/IP Fundamentals	3
CIS 171A	Introduction to Cloud Computing	3
CIS 200A	Apple Mac OS Support Essentials	3.5
CIS 212	Introduction to Microsoft Windows Administration	3.5
CIS 213F	Microsoft Windows Server Administration	3.5
CIS 214	Unix and Linux Operating Systems	3.5

#### ELECTIVES (Select at least 17 units from the following courses not already taken)

CIS 58A	PC Operating Systems A+ Certification	3.5
CIS 58B	PC Core Hardware A+ Certification	3.5
CIS 101	Introduction to Computer Information Systems	3
CIS 103	Computer Programming Logic	3.5
CIS 164	JavaScript Programming	3.5
CIS 170A	Networking Fundamentals	3.5
CIS 170B	Network+ Certification	3.5
CIS 170E	Router Configurations and Protocol	3.5
CIS 170F	Advanced Switching and Routing	3.5
CIS 170G	Wide Area Networks	3.5
CIS 170H	TCP/IP Fundamentals	3
CIS 170S	Network Defense	3.5
CIS 171A	Introduction to Cloud Computing	3
CIS 171B	Amazon Web Services-Data Storage	3
CIS 171C	Amazon Web Services-Computing Services	3
CIS 171D	Amazon Web Services-Security	3
CIS 183	Java Programming	3.5
CIS 200A	Apple Mac OS Support Essentials	3.5

CIS 212	Introduction to Microsoft Windows Administration	3.5
CIS 213F	Microsoft Windows Server Administration	3.5
CIS 214	Unix and Linux Operating Systems	3.5
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	Total Major Requirements	37-38

### ASSOCIATE OF SCIENCE DEGREE REQUIREMENTS

Complete a minimum of 60 units to include (1) the above course requirements, (2) General Education requirements, and (3) electives as needed.

## COMPUTER AND INFORMATION SCIENCES: CYBERSECURITY

### CERTIFICATE OF ACHIEVEMENT

Upon completion of the Cybersecurity Certificate of Achievement students will be able to use their newly learned skills to gain entry level jobs, use the certificate for professional growth, salary increases, job promotions or career changes in the area of information security/assurance.

### REQUIRED COURSES (14 UNITS)

CIS 170L	Cybersecurity Fundamentals	3.5
CIS 170P	Introduction to Ethical Hacking	3.5
CIS 170R	Computer and Digital Forensics	3.5
CIS 170S	Network Defense	3.5
or CIS 170I	CISCO Network Security	(3.5)

#### Select at least 3 units from the following electives: Programming

CIS 103	Computer Programming Logic	3.5
CIS 164	JavaScript Programming	3.5
CIS 183	Java Programming	3.5
CIS 185	Discrete Structures	3
CIS 189C	Special Topics in Programming	3

#### AND

#### Select at least 3 units from the following: Networking

CIS 170A	Networking Fundamentals	3.5
CIS 170B	Network+ Certification	3.5
CIS 170H	TCP/IP Fundamentals	3
CIS 170I*	CISCO Network Security	3.5
CIS 170S*	Network Defense	3.5
CIS 171A	Introduction to Cloud Computing	3
CIS 200A	Apple Mac OS Support Essentials	3.5
CIS 212	Introduction to Microsoft Windows Administration	3.5
CIS 213F	Microsoft Windows Server Administration	3.5
CIS 214	Unix and Linux Operating Systems	3.5
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	Total Certificate Requirements	20-21

\* Cannot be double counted for Required Courses 1

## COMPUTER AND INFORMATION SCIENCES: IT SUPPORT SPECIALIST CERTIFICATE OF ACHIEVEMENT

The IT Support Specialist program at Cerritos College is designed to prepare students for a career in the information industry, aiming to provide students opportunities for career change or advancement. Graduates of the program will have a good understanding of the current personal computing devices and commonly used operating systems, and will be equipped with the knowledge and skills needed to install hardware and software on various devices, and to troubleshoot common technical issues. There are no prerequisite skills or enrollment limitations for this program. The graduates of the program may have possible career opportunities include entry level technical support, computer technician, technical sales, etc. However, such opportunities and compensations are largely subject to the condition of the economy, employers' discretion, job applicants' prior experience, and evaluations of the applicants' overall qualifications. For students who plan to transfer to a baccalaureate institution, they may choose to major in the following fields, such as: computer science, computer engineering, information technology management, business information systems, etc. for their bachelor's degree. It's highly recommended that students meet with a counselor for specific transfer requirements by the respective baccalaureate institution. During the study in the program, students may also have the option to pursue IT industry certifications, such as Apple Certified Support Professional (ACSP), CompTIA IT Fundamentals, CompTIA A+, Microsoft Technology Associate (MTA). Please note students are responsible for the associated costs for these certifications exams, which are not included in the courses offered at the college.

### DIVISION/DEPARTMENT REQUIREMENTS

CIS 58A	PC Operating Systems A+ Certification	3.5
CIS 58B	PC Core Hardware A+ Certification	3.5
CIS 200A	Apple Mac OS Support Essentials	3.5
CIS 212	Introduction to Microsoft Windows Administration	3.5
CIS 214	Unix and Linux Operating Systems	3.5
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	Total Certificate Requirements	17.5

**NOTE:** Although many of these courses are transferable, this Certificate/A.A. Degree is nontransferable.

Please see counselors or the respective department for additional alternatives.

## COMPUTER AND INFORMATION SCIENCES: IT SUPPORT SPECIALIST ASSOCIATE OF SCIENCE

The IT Support Specialist program at Cerritos College is designed to prepare students for a career in the information industry, aiming to provide students opportunities for career change or advancement. Graduates of the program will have a good understanding of the current personal computing devices and commonly used operating systems, and will be equipped with the knowledge and skills needed to install hardware and software on various devices, and to troubleshoot common technical issues. There are no prerequisite skills or enrollment limitations for this program. The graduates of the program may have possible career opportunities include entry level technical support, computer technician, technical sales, etc. However, such opportunities and compensations are largely subject to the condition of the economy, employers' discretion, job applicants' prior experience, and evaluations of the applicants' overall qualifications. For students who plan to transfer to a baccalaureate institution, they may choose to major in the following fields, such as: computer science, computer engineering, information technology management, business information systems, etc. for their bachelor's degree. It's highly recommended that students meet with a counselor for specific transfer requirements by the respective baccalaureate institution. During the study in the program, students may also have the option to pursue IT industry certifications, such as Apple Certified Support Professional (ACSP), CompTIA IT Fundamentals, CompTIA A+, Microsoft Technology Associate (MTA). Please note students are responsible for the associated costs for these certifications exams, which are not included in the courses offered at the college.

### DIVISION/DEPARTMENT REQUIREMENTS

CIS 58A	PC Operating Systems A+ Certification	3.5
CIS 58B	PC Core Hardware A+ Certification	3.5
CIS 200A	Apple Mac OS Support Essentials	3.5
CIS 212	Introduction to Microsoft Windows Administration	3.5
CIS 214	Unix and Linux Operating Systems	3.5
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	Total Major Requirement	17.5

### ASSOCIATE OF SCIENCE DEGREE REQUIREMENTS

Meet the requirements for Certificate of Achievement in Computer and Information Sciences: IT Support Specialist, and complete General Education requirements and electives, to achieve a minimum of 60 units.

**NOTE:** Although many of these courses are transferable, this Certificate/A.A. Degree is nontransferable.

Please see counselors or the respective department for additional alternatives.

## COMPUTER AND INFORMATION SCIENCES: NETWORK/SYSTEMS ADMINISTRATION ASSOCIATE OF ARTS

The network/systems administration program at Cerritos College is designed to prepare students for a career in the information industry. Graduates of the program will have a comprehensive understanding of the current communication technologies and commonly used operating systems, will be equipped with the knowledge and skills needed to design and implement a network infrastructure, and will be able to deploy and administer multiple systems in an organization. The graduates of the program have possible career opportunities including the following occupations: entry-level technical support technician, system administrator, network technician, network administrator, and network engineer.

REQUIRED COURSES	UNITS
CIS 170A Networking Fundamentals	3.5
CIS 170B Network+ Certification	3.5
CIS 170E Router Configurations and Protocol	3.5
CIS 170F Advanced Switching and Routing	3.5
CIS 213F Microsoft Windows Server Administration	3.5
CIS 214 Unix and Linux Operating Systems	3.5
CIS 170H TCP/IP Fundamentals	3
CIS 200A Apple Mac OS Support Essentials	3.5
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Total Units for Required Courses	27.5

ELECTIVES (Select at least 14 units from the following)	UNITS
CIS 58A PC Operating Systems A+ Certification	3.5
CIS 58B PC Core Hardware A+ Certification	3.5
CIS 101 Introduction to Computer Information Systems	3.5
CIS 102 Introduction to Microcomputer Hardware and Applications Software	3.5
CIS 103 Computer Programming Logic	3.5
CIS 162 HTML and CSS	3.5
CIS 164 JavaScript Programming	3.5
CIS 170G Wide Area Networks	3.5
CIS 170I CISCO Network Security	3.5
CIS 170K Introduction to Wireless Networking	3
CIS 170L Cybersecurity Fundamentals	3.5
CIS 170P Introduction to Ethical Hacking	3.5
CIS 170R Computer and Digital Forensics	3.5
CIS 170S Network Defense	3.5
CIS 171A Introduction to Cloud Computing	3
CIS 171B Amazon Web Services-Data Storage	3
CIS 171C Amazon Web Services-Computing Services	3
CIS 171D Amazon Web Services-Security	3
CIS 183 Java Programming	3.5
CIS 212 Introduction to Microsoft Windows Administration	3.5
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Total Major Requirement	41.5

### ASSOCIATE OF ARTS DEGREE REQUIREMENTS

Meet the requirements of a certificate of achievement in computer and information sciences network systems/administration and complete general education requirements and electives to achieve a minimum of 60 units.

## COMPUTER AND INFORMATION SCIENCES: NETWORK/SYSTEMS ADMINISTRATION CERTIFICATE OF ACHIEVEMENT

The network/systems administration program at Cerritos College is designed to prepare students for a career in the information industry by offering training on the cutting-edge skills and knowledge sought by the industry, aiming to provide students with opportunities for career change or advancement. Graduates of the program will have a comprehensive understanding of the current communication technologies and commonly used operating systems, will be equipped with the knowledge and skills needed to design and implement a network infrastructure, and will be able to deploy and administer multiple systems in an organization. The graduates of the program have possible career opportunities including the following occupations: entry-level technical support technician, system administrator, network technician, network administrator, and network engineer.

REQUIRED COURSES	UNITS
CIS 170A Networking Fundamentals	3.5
CIS 170E Router Configurations and Protocol	3.5
CIS 200A Apple Mac OS Support Essentials	3.5
CIS 213F Microsoft Windows Server Administration	3.5
CIS 214 Unix and Linux Operating Systems	3.5
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Total Certificate Requirement	17.5

## COMPUTER AND INFORMATION SCIENCES: PROGRAMMER ASSOCIATE OF ARTS

The CIS Computer Programming degree is designed to provide students with skills in computer programming to enable graduates to gain employment as an entry-level programmer. Courses will emphasize skills on how to organize, code, and test computer programs for variety of applications.

DIVISION/DEPARTMENT REQUIREMENTS	UNITS
CIS 103 Computer Programming Logic	3.5
CIS 180 Programming in C/C++	3.5
CIS 181 Python Programming	3.5
CIS 183 Java Programming	3.5
CIS 207 Database Design and SQL	3.5
or CIS 208A Oracle SQL and PL/SQL	(3.5)
CIS 214 Unix and Linux Operating Systems	3.5
CIS 280X Object-Oriented Programming in C++	3.5
CIS 282 Advanced Java Programming	3.5
CIS 292 Data Structures	3

### Choose at least 6 units from the following courses:

CIS 160 Web Page Development	3.5
CIS 162 HTML and CSS	3.5
CIS 164 JavaScript Programming	3.5
CIS 170L Cybersecurity Fundamentals	3.5
CIS 201 Systems Analysis and Design	3
CIS 231 Computer Organization and Assembly Language Programming	3.5

## Curriculum and Requirements for Majors and Certificates

CIS 271	CIS Occupational Work Experience	1	CIS 285A	ASP.NET Programming	3.5
CIS 272	CIS Occupational Work Experience	2	CIS 286	Software Development with C#	3.5
CIS 273	CIS Occupational Work Experience	3	CIS 288	Mobile Application Development	3.5
CIS 274	CIS Occupational Work Experience	4			—
CIS 285A	ASP.NET Programming	3.5		Total Certificate Requirement	37.-38.5
CIS 286	Software Development with C#	3.5			
CIS 288	Mobile Application Development	3.5			
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	Total Major Requirement	37-38.5			

### ASSOCIATE OF ARTS DEGREE REQUIREMENTS

Meet the requirements for a programmer associate of arts degree in computer and information sciences and complete general education requirements and electives to achieve a minimum of 60 units.

**NOTE:** CIS 103 meets the A.S degree general education requirement for the communication and analytical thinking category.

Although many of these courses are transferable, this A.S degree is nontransferable. Please see counselors or the respective department for additional alternatives.

See Cerritos College graduation requirements.

## COMPUTER AND INFORMATION SCIENCES: PROGRAMMER CERTIFICATE OF ACHIEVEMENT

The CIS Computer Programming degree is designed to provide students with skills in computer programming to enable graduates to gain employment as an entry-level programmer. Courses will emphasize skills on how to organize, code, and test computer programs for variety of applications.

DIVISION/DEPARTMENT REQUIREMENTS		UNITS
CIS 103	Computer Programming Logic	3.5
CIS 180	Programming in C/C++	3.5
CIS 181	Python Programming	3.5
CIS 183	Java Programming	3.5
CIS 207	Database Design and SQL	3.5
or CIS 208A	Oracle SQL and PL/SQL	(3.5)
CIS 214	Unix and Linux Operating Systems	3.5
CIS 280X	Object-Oriented Programming in C++	3.5
CIS 282	Advanced Java Programming	3.5
CIS 292	Data Structures	3

### Choose at least 6 units from the following courses:

CIS 160	Web Page Development	3.5
CIS 162	HTML and CSS	3.5
CIS 164	JavaScript Programming	3.5
CIS 170L	Cybersecurity Fundamentals	3.5
CIS 201	Systems Analysis and Design	3
CIS 231	Computer Organization and Assembly Language Programming	3.5
CIS 271	CIS Occupational Work Experience	1
CIS 272	CIS Occupational Work Experience	2
CIS 273	CIS Occupational Work Experience	3
CIS 274	CIS Occupational Work Experience	4

## COMPUTER AND INFORMATION SCIENCES: COMPUTER SCIENCE

### ASSOCIATE IN SCIENCE DEGREE FOR TRANSFER (AS-T)

REQUIRED CORE (28 UNITS)		UNITS
CIS 183	Java Programming	3.5
CIS 292	Data Structures	3
CIS 231	Computer Organization and Assembly Language Programming	3.5
CIS 185	Discrete Structures	3
MATH 170	Analytic Geometry and Calculus I	4
MATH 190	Analytic Geometry and Calculus II	4
PHYS 201	Engineering Physics	4
PHYS 202	Engineering Physics	4
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	Total Units for the Major	29

### ASSOCIATE IN SCIENCE IN COMPUTER SCIENCE FOR TRANSFER REQUIREMENTS

Complete the following (1) 60 semester or 90 quarter CSU – transferable units (2) The California State University-General Education-Breadth pattern (CSU GE-Breadth); or the Intersegmental General Education Transfer Curriculum (IGETC) pattern (3) A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district (4) Obtainment of a minimum grade point average (GPA) of 2.0 (5) Earn a grade of “C” or better in all courses required for the major or area of emphasis.

## COMPUTER AND INFORMATION SCIENCES: COMPUTER SCIENCE ASSOCIATE OF ARTS

The computer science program provides basic knowledge and skills, with an emphasis on building both a theoretical framework for computer science and providing practical skills needed to apply computer science to other fields of study. The program offers a curriculum emphasizing analytical thinking, problem solving, and effective communication.

MAJOR REQUIREMENTS		UNITS
CIS 180	Programming in C/C++	3.5
CIS 280	Object-Oriented Programming in C++	3
MATH 170	Analytic Geometry and Calculus I	4
MATH 190	Analytic Geometry and Calculus II	4
PHYS 201	Engineering Physics	4
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	Total Degree Requirements	18.5

**ASSOCIATE OF ARTS DEGREE REQUIREMENTS**

Meet the requirements for Certificate of Achievement in Computer and Information Sciences: Computer Science, and complete General Education requirements and electives, to achieve a minimum of 60 units.

**COSMETOLOGY****CERTIFICATE OF ACHIEVEMENT**

The curriculum prepares the student for the State Board of Cosmetology Examination. Students enrolling in the Cosmetology Programs should contact the Cosmetology Department or a Cosmetology counselor for information regarding the cost of the kit, uniforms, and books. This is a full-time program. Classes meet Monday through Friday, full day. The full-time student may complete the State Board of Cosmetology Examination preparation during two regular semesters and one eight-week summer session over a period of one calendar year; or (2) three regular semesters over a period of one and one-half years.

**CORE REQUIREMENTS**

	<b>UNITS</b>
COS 60A    Introductory to Cosmetology I	11
<b>and</b> COS 60B    Introductory Cosmetology II	11

**Student must choose one of the five options:**

**Option 1:**

COS 61A    Intermediate Cosmetology I	11
COS 61B    Intermediate Cosmetology II	11
COS 62A    Advanced Cosmetology I	11
COS 62B    Advanced Cosmetology II	11

**Option 2:**

COS 70B    Intermediate Cosmetology	9
COS 62A    Advanced Cosmetology I	11
COS 62B    Advanced Cosmetology II	11
COS 53     Advanced Cosmetology Manipulation	7.5

**Option 3:**

COS 54     Introductory Esthetician	11
COS 54A    Advanced Esthetician	11
COS 61A    Intermediate Cosmetology I	11
COS 61B    Intermediate Cosmetology II	11

**Option 4:**

COS 61A    Intermediate Cosmetology I	11
COS 61B    Intermediate Cosmetology II	11
COS 70C    Advanced Cosmetology Manipulation	9
COS 53     Advanced Cosmetology Manipulation	7.5

**Option 5:**

COS 70B    Intermediate Cosmetology	9
COS 62A    Advanced Cosmetology I	11
COS 54     Introductory Esthetician	11
COS 54A    Advanced Esthetician	11
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<b>Total Certificate Requirement</b>	<b>60.5-66</b>

**COSMETOLOGY****ASSOCIATE OF ARTS**

The curriculum prepares the student for the State Board of Cosmetology Examination. Students enrolling in the Cosmetology Programs should contact the Cosmetology Department or a Cosmetology counselor for information regarding the cost of the kit, uniforms, and books. This is a full-time program. Classes meet Monday through Friday, full day. The full-time student may complete the State Board of Cosmetology Examination preparation during two regular semesters and one eight-week summer session over a period of one calendar year; or (2) three regular semesters over a period of one and one-half years.

**CORE REQUIREMENTS**

	<b>UNITS</b>
COS 60A    Introductory to Cosmetology I	11
<b>and</b> COS 60B    Introductory Cosmetology II	11

Student must choose one of the five options:

**Option 1:**

COS 61A    Intermediate Cosmetology I	11
COS 61B    Intermediate Cosmetology II	11
COS 62A    Advanced Cosmetology I	11
COS 62B    Advanced Cosmetology II	11

**Option 2:**

COS 70B    Intermediate Cosmetology	9
COS 62A    Advanced Cosmetology I	11
COS 62B    Advanced Cosmetology II	11
COS 53     Advanced Cosmetology Manipulation	7.5

**Option 3:**

COS 54     Introductory Esthetician	11
COS 54A    Advanced Esthetician	11
COS 61A    Intermediate Cosmetology I	11
COS 61B    Intermediate Cosmetology II	11

**Option 4:**

COS 61A    Intermediate Cosmetology I	11
COS 61B    Intermediate Cosmetology II	11
COS 70C    Advanced Cosmetology Manipulation	9
COS 53     Advanced Cosmetology Manipulation	7.5

**Option 5:**

COS 70B    Intermediate Cosmetology	9
COS 62A    Advanced Cosmetology I	11
COS 54     Introductory Esthetician	11
COS 54A    Advanced Esthetician	11

<b>Total Major Requirement</b>	<b>60.5-66</b>
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**ASSOCIATE OF ARTS DEGREE REQUIREMENTS**

Complete a minimum of 60 units to include (1) the Associate of Arts Degree General Education requirements; (2) electives as needed; (3) major requirements. The curriculum prepares the student for the State Board of Cosmetology Examination. Students enrolling in the Cosmetology Programs should contact the Cosmetology Department or a Cosmetology counselor for information regarding the cost of the kit, uniforms, and books. Students attend class 8:00 a.m. to 5:00 p.m. Monday through Friday. The full-time student may complete the State Board of Cosmetology Examination preparation during two regular semesters and one eight-week summer session over a period of one calendar year; or (2) three regular semesters over a period of one and one-half years.