

Career and College Promise (CCP)

Pathway Notebook Overview



The Career and College Promise (CCP) Program at Nash Community College offers eligible students an opportunity to take approved college courses while still in high school. This notebook is a repository for all approved CCP Pathways and includes crosswalks from high school to college and beyond. Students may choose to enroll in one college transfer pathway, one Career and Technical Education (CTE) pathway, two CTE pathways, or one college transfer and one CTE pathway. Students are encouraged to choose pathway(s) wisely as they are bound to classes within chosen pathway(s). If a student chooses to enter two pathways, a special permission form is required. Students may change pathways with an approved rationale as well as college and high school consent, but multiple pathway changes are discouraged.

The CCP Program at Nash Community College includes 4 college transfer pathways: Arts, Engineering, Nursing, and Science. These pathways are only a portion of the associate's degree. Courses in the college transfer pathways will transfer to any UNC institution. Private and out-of-state institutions must be contacted to determine if and how credits will be accepted.

The CCP Program at Nash Community College includes 23 Career and Technical Education (CTE) pathways. Courses in these pathways lead to a certificate. Each CTE pathway has a recommended sequence of courses. It is strongly suggested that students follow this recommended sequence to strategically complete certificates. While CTE courses are not guaranteed to transfer to a 4-year institution, colleges and universities should be contacted to determine if and how credits will be accepted.

Upon determining a pathway or pathways, students should submit a CCP application and official high school transcript to the Nash Community College CCP Team. After enrollment, the CCP Team will advise and register students for courses. The CCP Team's main goal is to support student success in the dual enrollment program.

Career and College Promise (CCP) Program Pathways

College Transfer Pathways

- P1012C Associate in Arts
- P1052C Associate in Engineering
- P1032C Associate in Nursing
- P1042C Associate in Science

Career and Technical Education Pathways

- C30100BH Advertising and Graphic Design Certificate
- C60160CH Automotive Systems ~ Brakes and Suspension Certificate
- C60160DH Automotive Systems ~ Electrical Certificate
- C60160EH Automotive Systems ~ Engine Performance Certificate
- C40200AH Basic Electronics Certificate
- C30120AH Broadcasting and Production Administration Certificate
- C25120CP Business Administration Certificate
- C45380AH Case Management Certificate (unweighted 2.8 GPA required)
- C40160BH Computer Programming Certificate
- C55140AH Cosmetology Certificate
- C55180BH Criminal Justice Certificate
- C55290XH Cybersecurity Certificate
- C55220KH Early Childhood Certificate
- C35130AH Electrical Wiring Certificate
- C55460AH Emergency Management Certificate
- C55460BH Emergency Management Certificate – Fire Management
- C25110AH Hospitality Management Certificate
- C35130DH Industrial Robotics Certificate
- C50210AH Machine Operator Certificate
- C50240CH Machining Maintenance Certificate
- C25310CH Medical Office Administration Certificate
- C25590BH Network Administration Certificate
- C40160CH PC Build and Repair Certificate
- C50420FH Welding Technology Certificate

Associate in Arts CCP Pathway- P1012C

The Associate in Arts CCP Pathway offers students a portion of the classes needed for an Associate in Arts Degree.

Associate in Arts CCP Pathway P1012C = 32-33 Credits

Associate in Arts Degree = 60 Credits (CCP Pathway + 27-28 Additional Credits)

Students must complete the CCP Pathway in its entirety before taking additional courses towards the Associate's Degree.

English Composition (6 Credits)

- ENG 111 Writing and Inquiry – 3 Credits
- ENG 112 Writing and Research Across the Disciplines (Prerequisite: ENG 111) – 3 Credits

Humanities/Fine Arts (9 Credits from Two Different Subject Areas)

- ART 111 Art Appreciation – 3 Credits
- ART 115 Art History Survey II – 3 Credits
- COM 120 Interpersonal Communication – 3 Credits
- COM 231 Public Speaking – 3 Credits
- DRA 111 Theatre Appreciation – 3 Credits
- ENG 231 American Literature I (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- ENG 232 American Literature II (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- ENG 241 British Literature I (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- ENG 242 British Literature II (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- MUS 110 Music Appreciation – 3 Credits
- MUS 112 Introduction to Jazz – 3 Credits
- PHI 215 Philosophical Issues (Prerequisite: ENG 111) – 3 Credits
- PHI 240 Introduction to Ethics (Prerequisite: ENG 111) – 3 Credits

Social/Behavioral Science (9 Credits from Two Different Subject Areas)

- ECO 251 Principles of Microeconomics – 3 Credits
- ECO 252 Principles of Macroeconomics – 3 Credits
- HIS 111 World Civilizations I – 3 Credits
- HIS 112 World Civilizations II – 3 Credits
- HIS 131 American History I – 3 Credits
- HIS 132 American History II – 3 Credits
- POL 120 American Government – 3 Credits
- PSY 150 General Psychology – 3 Credits
- SOC 210 Introduction to Sociology – 3 Credits

Math (Minimum of 3 Credits)

- MAT 143 Quantitative Literacy – 3 Credits
- MAT 152 Statistical Methods I – 4 Credits
- MAT 171 Precalculus Algebra – 4 Credits

Natural Science (4 Credits)

- AST 111/AST 111A Descriptive Astronomy/Descriptive Astronomy Lab – 4 Credits
- AST 151/AST 151A General Astronomy/General Astronomy Lab – 4 Credits
- BIO 110 Principles of Biology – 4 Credits
- BIO 111 General Biology I – 4 Credits
- CHM 151 General Chemistry I – 4 Credits
- GEL 111 Introductory Geology – 4 Credits
- PHY 110/PHY 110A Conceptual Physics/Conceptual Physics I Lab – 4 Credits

Other Required Courses (1 Credit)

- ACA 122 College Transfer Success – 1 Credit



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Associate in Engineering CCP Pathway- P1052C

The Associate in Engineering CCP Pathway offers students a portion of the classes needed for an Associate in Engineering Degree.

Associate in Engineering CCP Pathway P1052C = 34 Credits

Associate in Engineering Degree = 60-61 Credits (CCP Pathway + 26-27 Additional Credits)

Students must complete the CCP Pathway in its entirety before taking additional courses towards the Associate's Degree.

English Composition (6 Credits)

- ENG 111 Writing and Inquiry – 3 Credits
- ENG 112 Writing and Research Across the Disciplines (Prerequisite: ENG 111) – 3 Credits

Humanities/Fine Arts (3 Credits)

- ART 111 Art Appreciation – 3 Credits
- ART 115 Art History Survey II – 3 Credits
- COM 231 Public Speaking – 3 Credits
- ENG 231 American Literature I (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- ENG 232 American Literature II (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- ENG 241 British Literature I (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- ENG 242 British Literature II (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- MUS 110 Music Appreciation – 3 Credits
- MUS 112 Introduction to Jazz – 3 Credits
- PHI 215 Philosophical Issues (Prerequisite: ENG 111) – 3 Credits
- PHI 240 Introduction to Ethics (Prerequisite: ENG 111) – 3 Credits

Social/Behavioral Science (3 Credits)

- ECO 251 Principles of Microeconomics – 3 Credits

Math (8 Credits)

- MAT 271 Calculus I – 4 Credits (Prerequisites: MAT 171 and MAT 172)
- MAT 272 Calculus II – 4 Credits (Prerequisite: MAT 271)

Natural Science (8 Credits)

- CHM 151 General Chemistry I – 4 Credits
- PHY 251 General Physics I – 4 Credits (Prerequisite: MAT 271, Corequisite: MAT 272)
- PHY 252 General Physics II – 4 Credits (Prerequisites: MAT 272 and PHY 251)

Other Required Courses (1 Credit)

- ACA 122 College Transfer Success – 1 Credit

Engineering (5 Credits)

- EGR 150 Introduction to Engineering (2 Credits)
- DFT 170 Engineering Graphics (3 Credits)



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Associate in Nursing CCP Pathway- P1032C

The Associate in Nursing CCP Pathway offers students a portion of the classes needed for an Associate in Nursing Degree.
Associate in Nursing CCP Pathway P1032C = 24 Credits

Associate in Nursing Degree = 74-75 Credits (CCP Pathway + 50-51 Additional Credits)

Students must complete the CCP Pathway in its entirety before taking additional courses towards the Associate's Degree.

English Composition (6 Credits)

- ENG 111 Writing and Inquiry – 3 Credits
- ENG 112 Writing and Research Across the Disciplines (Prerequisite: ENG 111) – 3 Credits
- OR-
- ENG 114 Professional Research and Reporting (Prerequisite: ENG 111) – 3 Credits

Humanities/Fine Arts (3 Credits)

- ART 111 Art Appreciation – 3 Credits
- ART 115 Art History Survey II – 3 Credits
- HUM 115 Critical Thinking (Prerequisite: ENG 111) – 3 Credits
- MUS 110 Music Appreciation – 3 Credits
- MUS 112 Introduction to Jazz – 3 Credits
- PHI 215 Philosophical Issues (Prerequisite: ENG 111) – 3 Credits
- PHI 240 Introduction to Ethics (Prerequisite: ENG 111) – 3 Credits

Social/Behavioral Science (6 Credits)

- PSY 150 General Psychology – 3 Credits
- PSY 241 Developmental Psychology (Prerequisite: PSY 150) – 3 Credits

Natural Science (8 Credits)

- BIO 168 Anatomy and Physiology I – 4 Credits
- BIO 169 Anatomy and Physiology II (Prerequisite: BIO 168) – 4 Credits

Other Required Courses (1 Credit)

- ACA 122 College Transfer Success – 1 Credit



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Associate in Science CCP Pathway- P1042C

The Associate in Science CCP Pathway offers students a portion of the classes needed for an Associate in Science Degree.

Associate in Science CCP Pathway P1042C = 35 Credits

Associate in Science Degree = 60 Credits (CCP Pathway + 25 Additional Credits)

Students must complete the CCP Pathway in its entirety before taking additional courses towards the Associate's Degree.

English Composition (6 Credits)

- ENG 111 Writing and Inquiry – 3 Credits
- ENG 112 Writing and Research Across the Disciplines (Prerequisite: ENG 111) – 3 Credits

Humanities/Fine Arts (6 Credits from Two Different Subject Areas)

- ART 111 Art Appreciation – 3 Credits
- ART 115 Art History Survey II – 3 Credits
- COM 120 Interpersonal Communication – 3 Credits
- COM 231 Public Speaking – 3 Credits
- DRA 111 Theatre Appreciation – 3 Credits
- ENG 231 American Literature I (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- ENG 232 American Literature II (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- ENG 241 British Literature I (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- ENG 242 British Literature II (Prerequisites: ENG 111 and ENG 112) – 3 Credits
- MUS 110 Music Appreciation – 3 Credits
- MUS 112 Introduction to Jazz – 3 Credits
- PHI 215 Philosophical Issues (Prerequisite: ENG 111) – 3 Credits
- PHI 240 Introduction to Ethics (Prerequisite: ENG 111) – 3 Credits

Social/Behavioral Science (6 Credits from Two Different Subject Areas)

- ECO 251 Principles of Microeconomics – 3 Credits
- ECO 252 Principles of Macroeconomics – 3 Credits
- HIS 111 World Civilizations I – 3 Credits
- HIS 112 World Civilizations II – 3 Credits
- HIS 131 American History I – 3 Credits
- HIS 132 American History II – 3 Credits
- POL 120 American Government – 3 Credits
- PSY 150 General Psychology – 3 Credits
- SOC 210 Introduction to Sociology – 3 Credits

Math (8 Credits)

- MAT 171 Precalculus Algebra – 4 Credits
- MAT 172 Precalculus Trigonometry (Prerequisite: MAT 171) – 4 Credits
- MAT 263 Brief Calculus (Prerequisite: MAT 171) – 4 Credits
- MAT 271 Calculus I (Prerequisite: MAT 172) – 4 Credits
- MAT 272 Calculus II (Prerequisite: MAT 271) – 4 Credits

Natural Science (8 Credits)

- BIO 111 General Biology I and BIO 112 General Biology II (8 Credits)
- CHM 151 General Chemistry I and CHM 152 General Chemistry II (8 Credits)
- PHY 110 Conceptual Physics I, PHY 110A Conceptual Physics I Lab and BIO 110 Principles of Biology (8 Credits)
- PHY 151 College Physics I (Prerequisite: MAT 171 or MAT 271) and PHY 152 College Physics II – 8 Credits
- PHY 110 Conceptual Physics I, PHY 110A Conceptual Physics I Lab and GEL 111 Geology (8 Credits)
- BIO 110 Principles of Biology and GEL 111 Geology (8 Credits)

Other Required Courses (1 Credit)

- ACA 122 College Transfer Success – 1 Credit



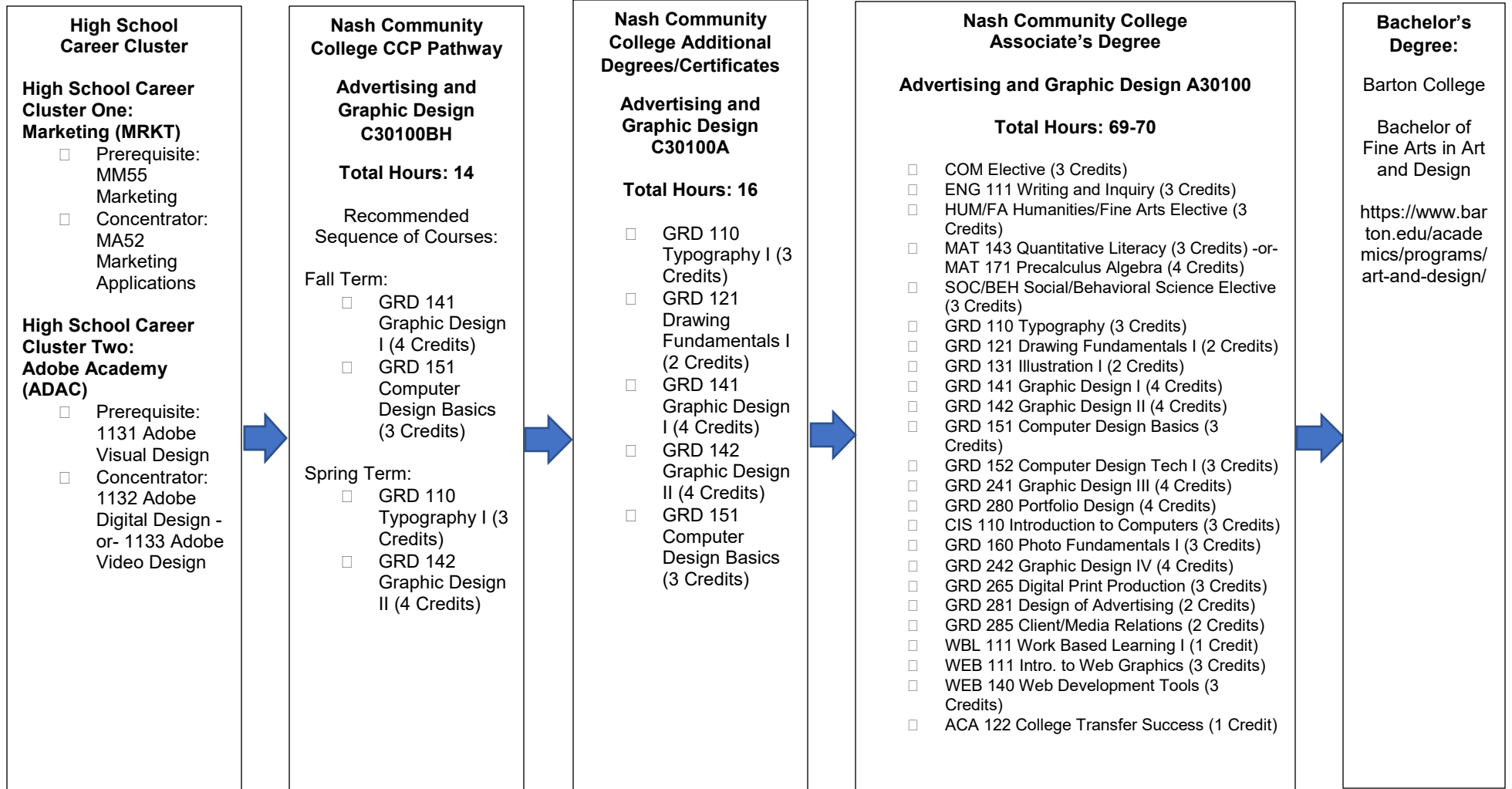
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ADVERTISING AND GRAPHIC DESIGN

The Advertising and Graphic Design curriculum is designed to provide students with knowledge and skills necessary for employment in the graphic design profession which emphasizes design, advertising, illustration, and digital and multimedia preparation of printed and electronic promotional materials. Students will be trained in the development of concept and design for promotional materials such as newspaper and magazine advertisements, posters, folders, letterheads, corporate symbols, brochures, booklets, preparation of art for printing, lettering and typography, photography, and electronic media. Graduates should qualify for employment opportunities with graphic design studios, advertising agencies, printing companies, department stores, a wide variety of manufacturing industries, newspapers, and businesses with in-house graphics operations.

Career Opportunities: Graphic Designer, Illustrator, Multimedia Artist, Logo Designer/Branding, Photo Editing/Photoshop Artist, Art Director, Photographer, Book Design, Freelance/Business Owner. Illustrator. Multimedia Artist



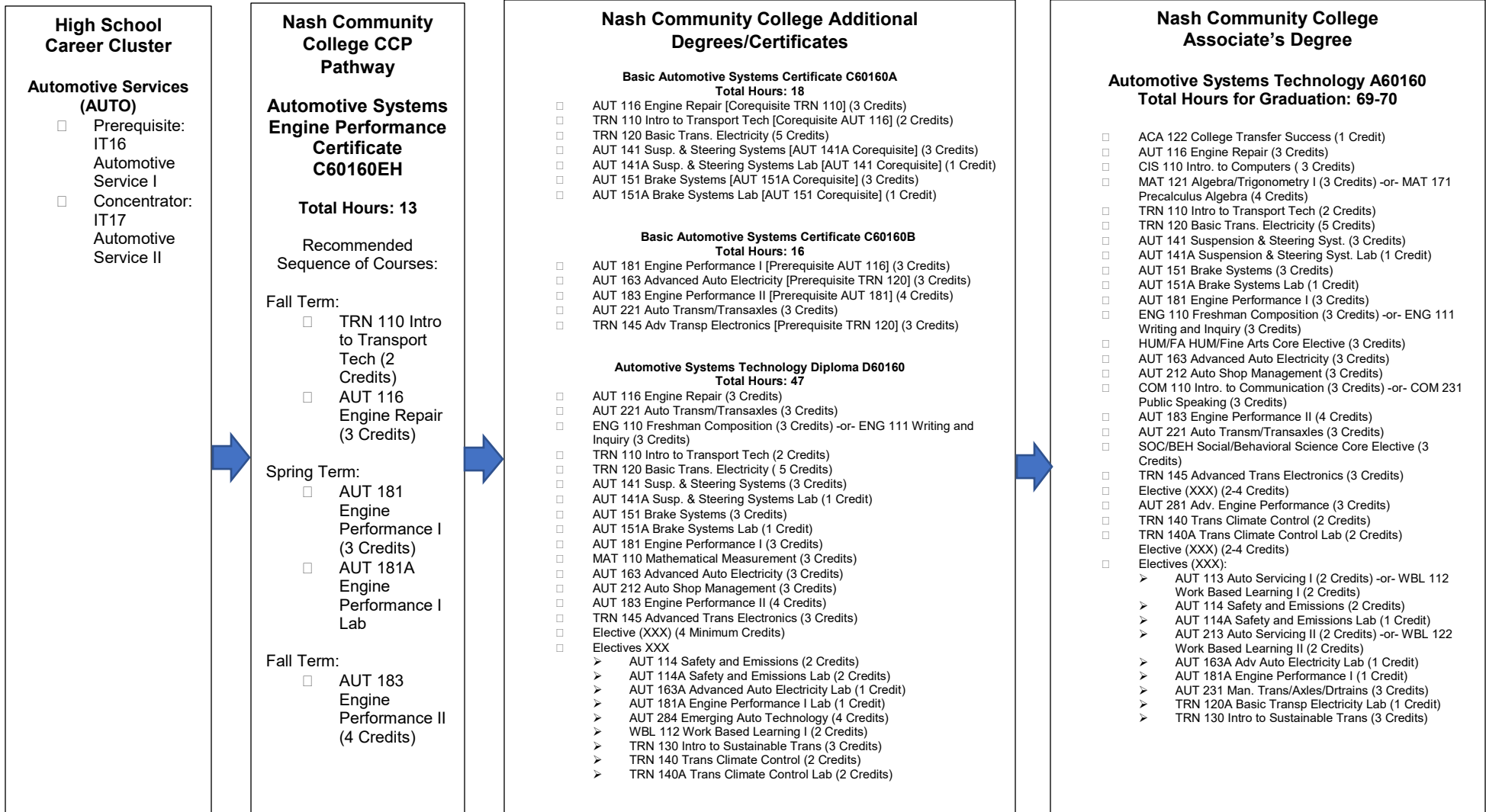
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AUTOMOTIVE SYSTEMS: ENGINE PERFORMANCE CERTIFICATE

The Automotive Systems curriculum prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. It includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating/air condition systems.

Career Opportunities: Automotive Service Technicians and Mechanics, General Maintenance and Repair Workers, Brake Shops and Tire Stores, Service Manager, Parts Manager, Service Writer



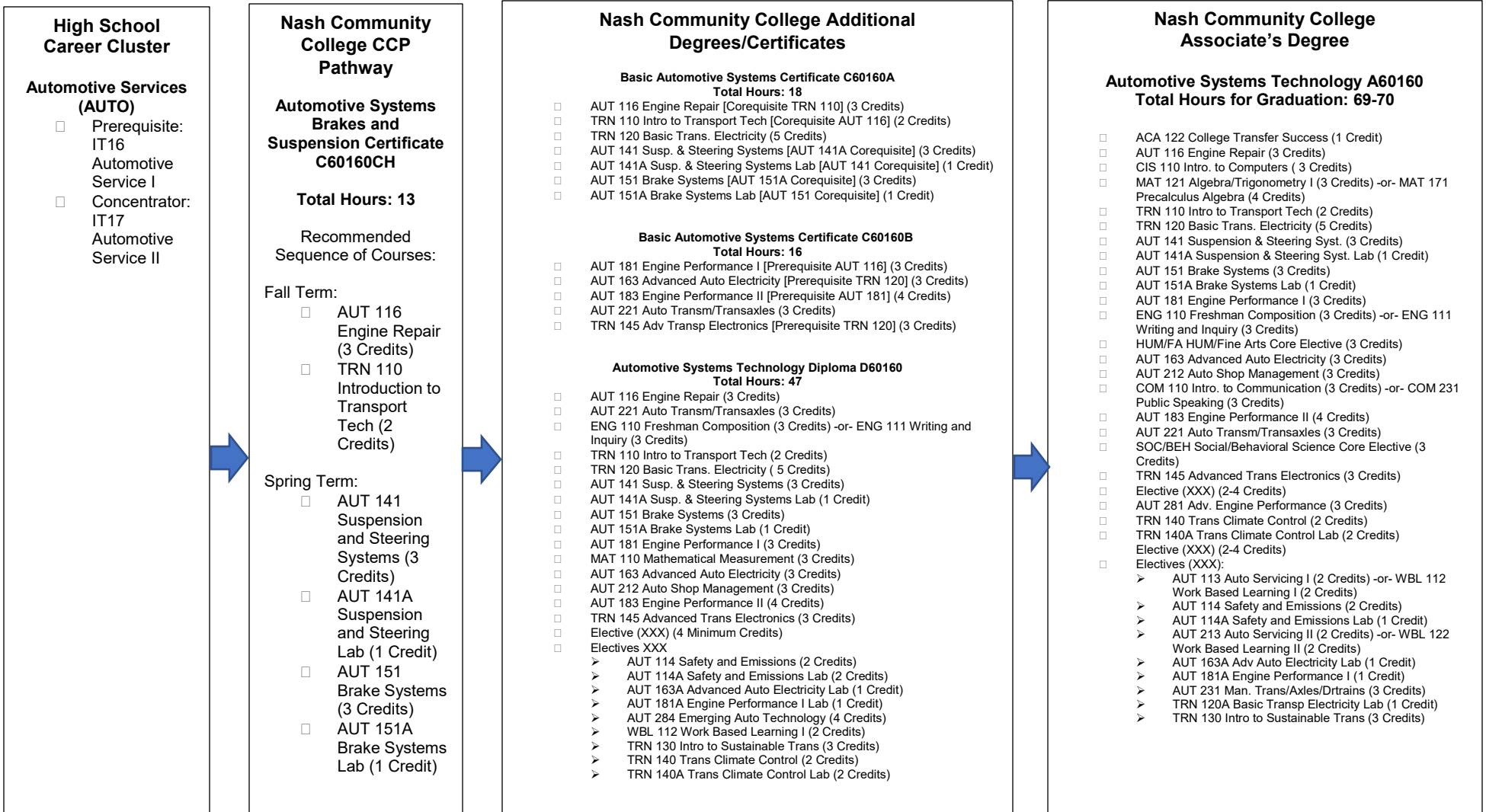
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AUTOMOTIVE SYSTEMS: BRAKES AND SUSPENSION CERTIFICATE

The Automotive Systems curriculum prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. It includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating and air condition systems.

Career Opportunities: Automotive Service Technicians and Mechanics, General Maintenance and Repair Workers, Brake Shops and Tire Stores, Service Manager, Parts Manager, Service Writer



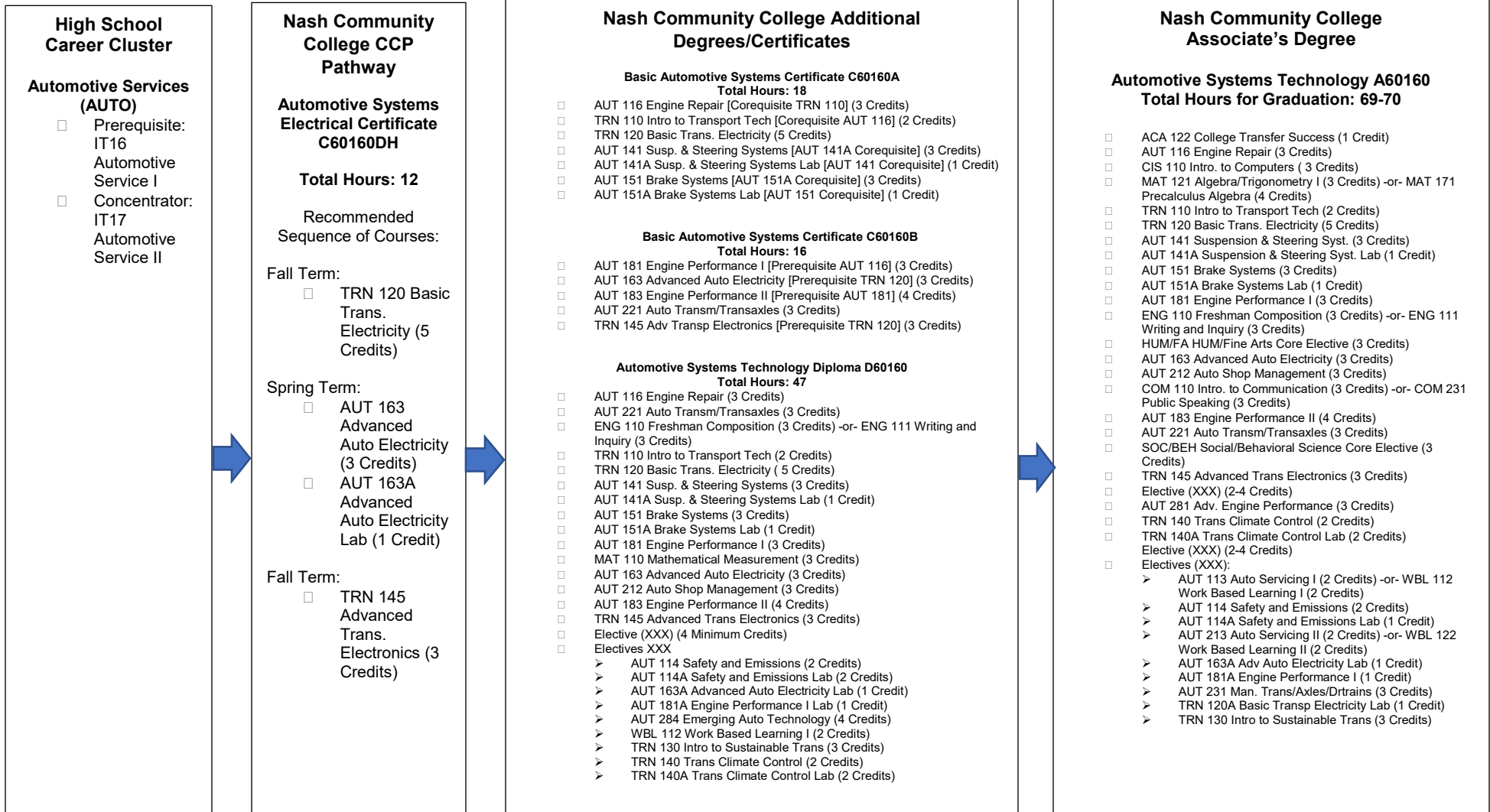
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AUTOMOTIVE SYSTEMS: ELECTRICAL CERTIFICATE

The Automotive Systems curriculum prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. It includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating/air condition systems.

Career Opportunities: Automotive Service Technicians and Mechanics, General Maintenance and Repair Workers, Brake Shops and Tire Stores, Service Manager, Parts Manager, Service Writer



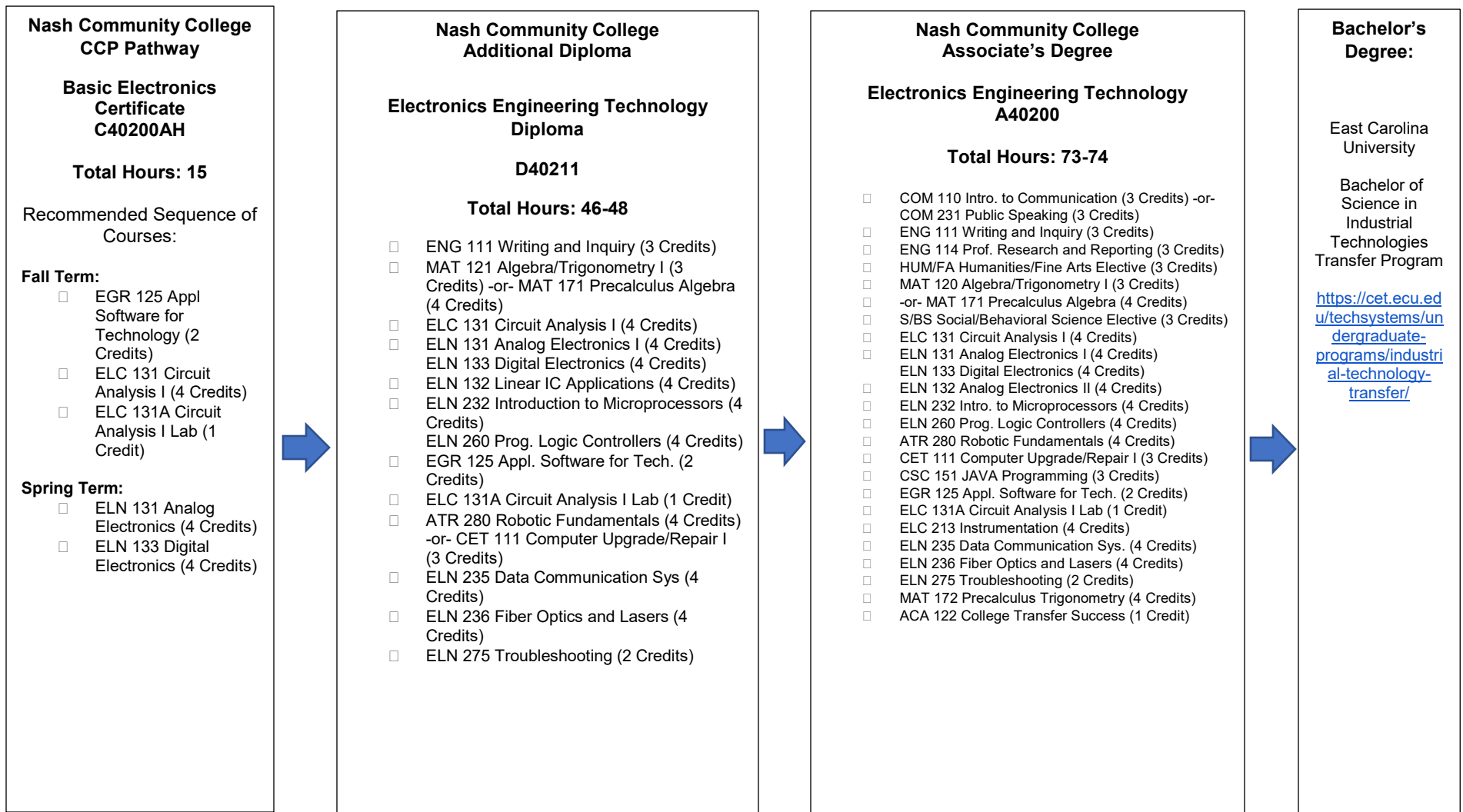
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BASIC ELECTRONICS

These curriculums are designed to prepare students through the study and application of principles from mathematics, natural sciences, and technology and applied processes based on these subjects. Course work includes mathematics, natural sciences, engineering sciences and technology. Graduates should qualify to obtain occupations such as technical service providers, materials and technologies testing services, process improvement technicians, engineering technicians, construction technicians and managers, industrial and technology managers, or research technicians Electronics Engineering Technology: A course of study that prepares the students to apply basic engineering principles and technical skills to become technicians who design, build, install, test, troubleshoot, repair, and modify developmental and production electronic components, equipment, and systems such as industrial/computer controls, manufacturing systems, communication systems, and power electronic systems. Includes instruction in mathematics, basic electricity, solid-state fundamentals, digital concepts, and microprocessors or programmable logic controllers.

Career Opportunities: Graduates should qualify for employment as electronics engineering technician, field service technician, instrumentation technician, maintenance technician, electronic tester, electronic systems integrator, bench technician, and production control technician.



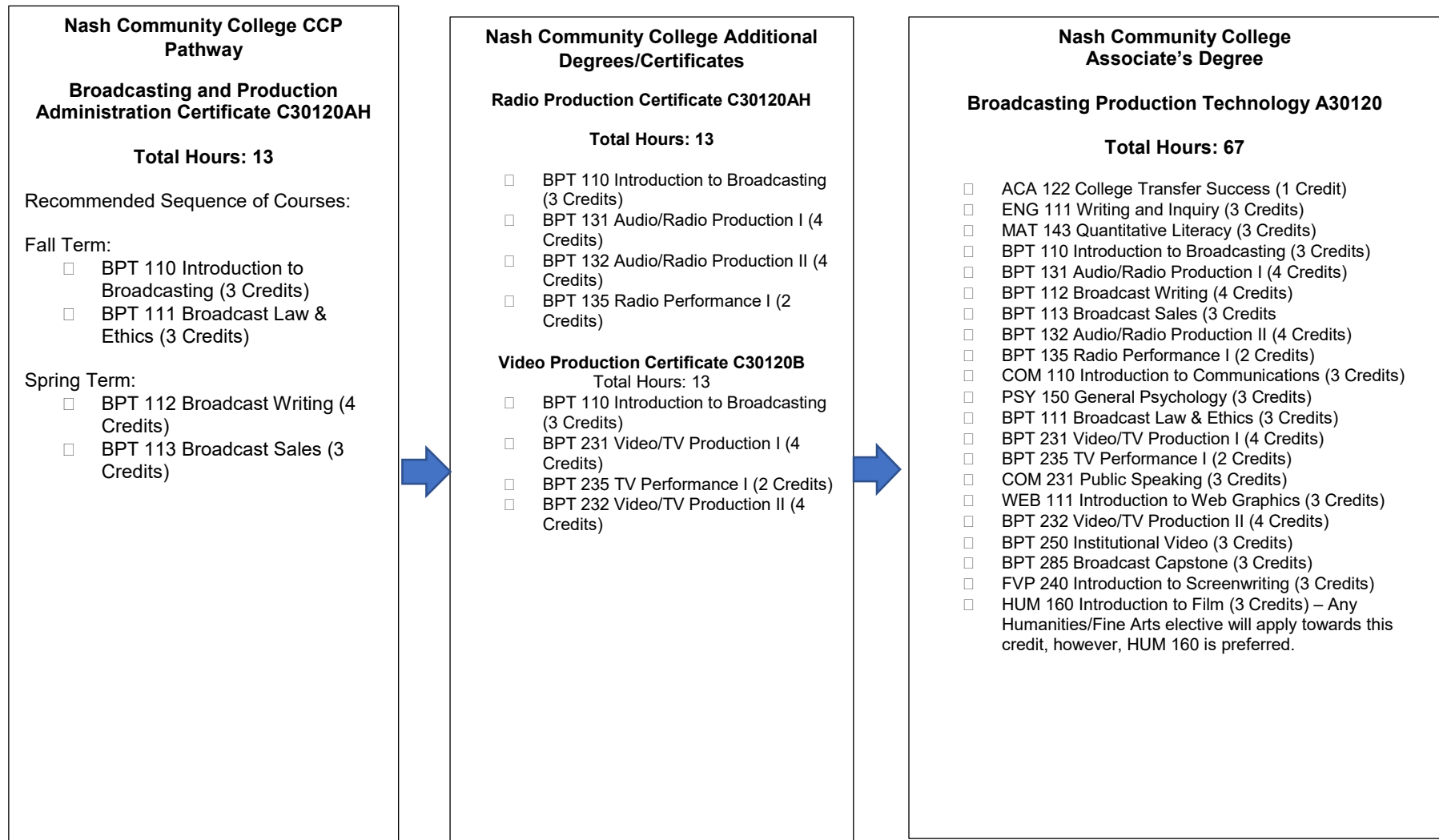
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BROADCASTING AND PRODUCTION

The Broadcasting and Production Technology program focuses on audio and video editing, broadcast writing, radio production and performance, video production and performance, live broadcast production, post production, and modern media delivery methods. During the program, students learn broadcasting fundamentals through hands-on experience. Students will create and edit audio and video productions using the latest software with modern studio audio/video equipment. Students will gain experience in contemporary studio operations as well as techniques in script and broadcast writing, performance in media, broadcast/media history, methodology, sales, and ethics. The Broadcasting and Production Technology program prepares students for employment as announcers, music director, news staff, promotions and sales representative, station manager, broadcast editor, camera operator, field audio engineer, associate producer, control engineer, production manager, floor director, multimedia producer, effects operation and other broadcast technician duties.

Career Opportunities: Announcers, Music Director, News Staff, Station Manager, Broadcast Editor, Multimedia Producer, Camera Operator, Associate Producer, Production Manager, Audio/Control Engineer, Floor Director, Effects Operation



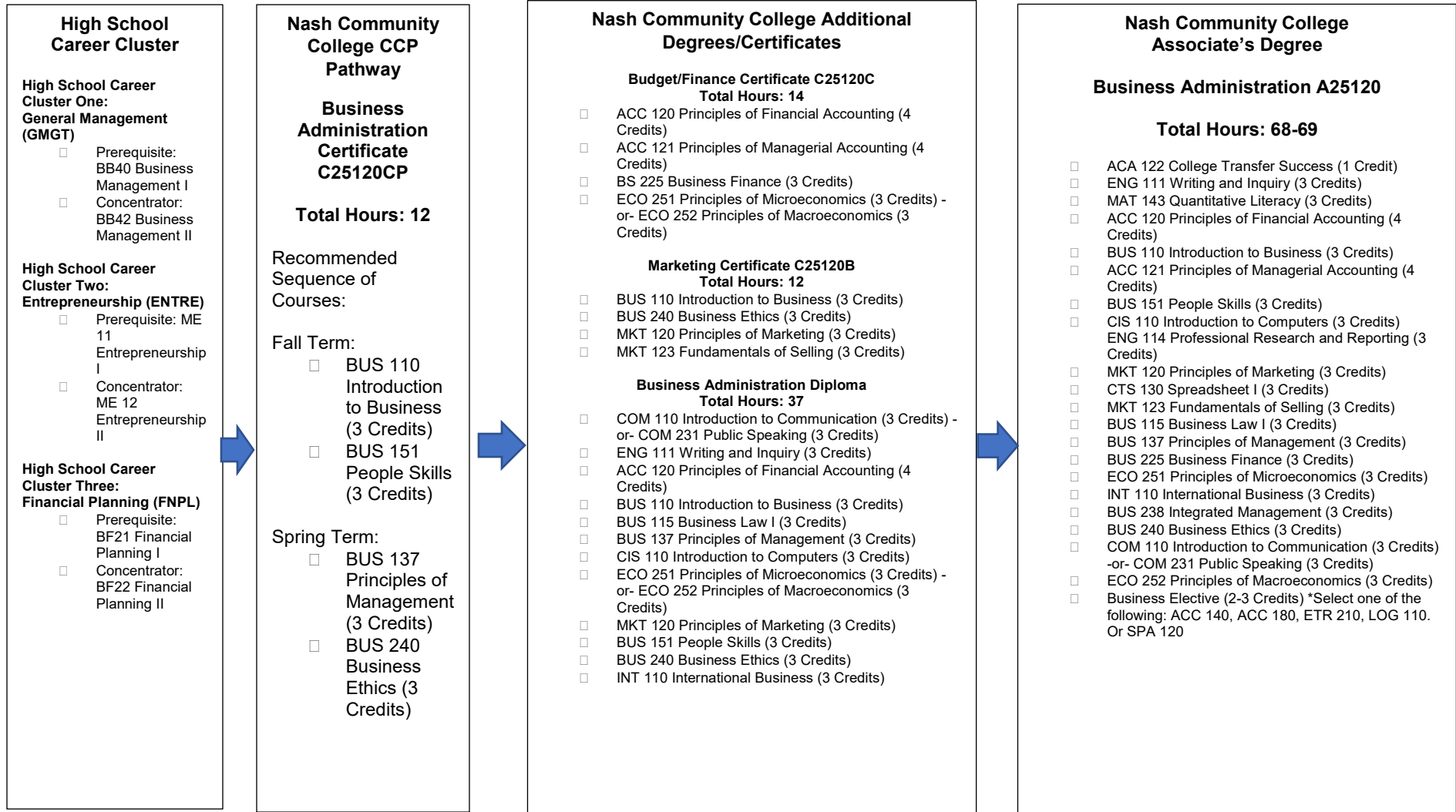
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BUSINESS ADMINISTRATION

The Business Administration curriculum is designed to introduce students to the various aspects of the free enterprise system. Students will be provided with a fundamental knowledge of business functions, processes, and an understanding of business organizations in today's global economy. Course work includes business concepts such as accounting, business law, economics, management, and marketing. Skills related to the application of these concepts are developed through the study of computer applications, communication, team building, and decision making. Through these skills, students will have a sound business education base for lifelong learning. Graduates are prepared for employment opportunities in government agencies, financial institutions, and large to small business or industry.

Career Opportunities: Office Administrator, Human Resources Manager, Advertising and Marketing Roles, Business Developer, Business Consultant, Buyer or Purchasing Agent, Business Analyst, Administrative Assistant



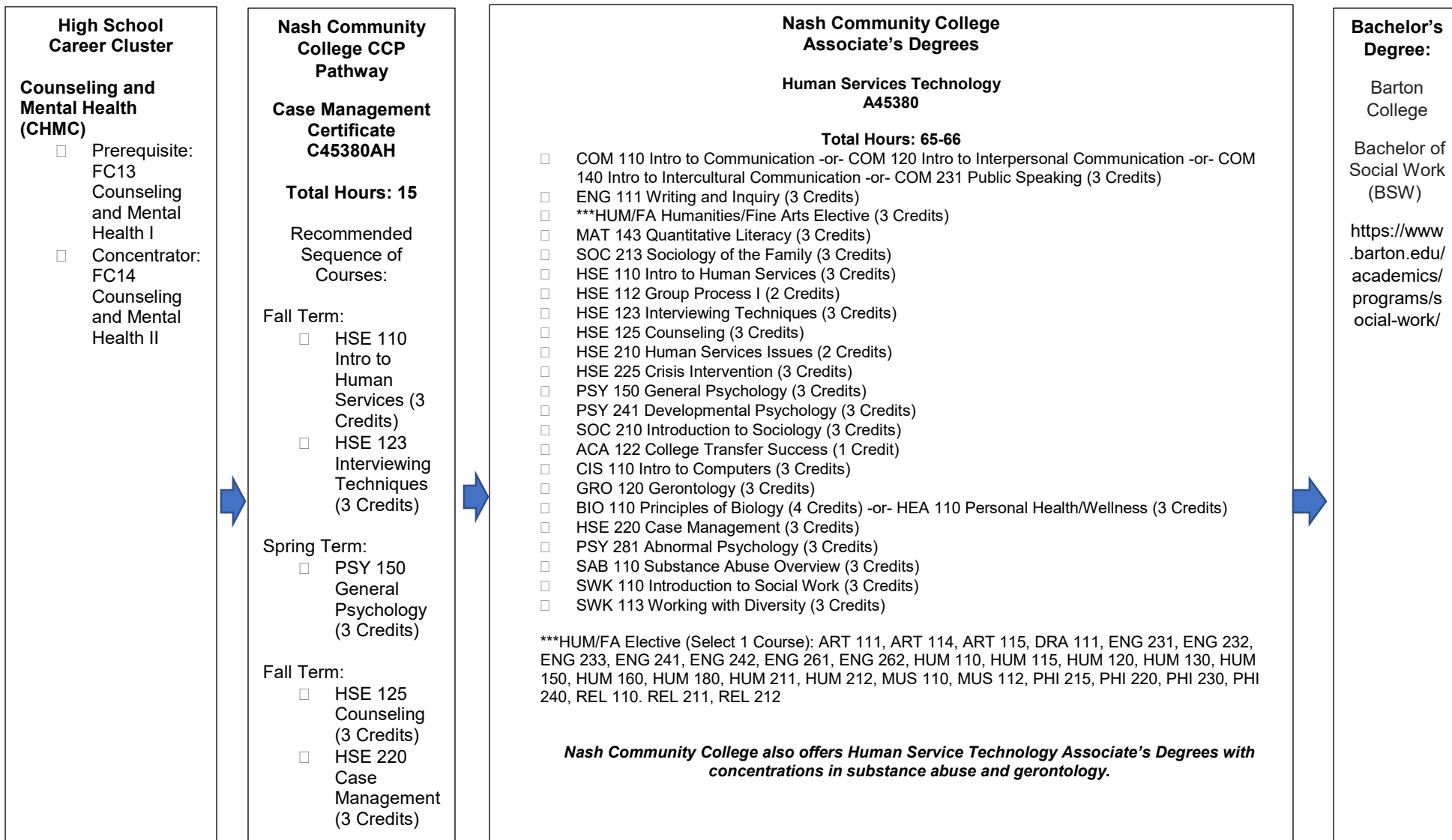
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CASE MANAGEMENT

The Human Services Technology curriculum prepares students for entry-level positions in institutions and agencies which provide social, community, and educational services. Along with core courses, students take courses which prepare them for specialization in specific human service areas. Students will take courses from a variety of disciplines. Emphasis in core courses is placed on development of relevant knowledge, skills, and attitudes in human services. Fieldwork experience will provide opportunities for application of knowledge and skills learned in the classroom. Graduates choosing to continue their education may select from a variety of transfer programs at senior public and private institutions.

Career Opportunities: Mental Health Facilities, Child Care Positions, Family and Social Service Positions, Rehabilitators, Correction Agencies, Educational Agencies



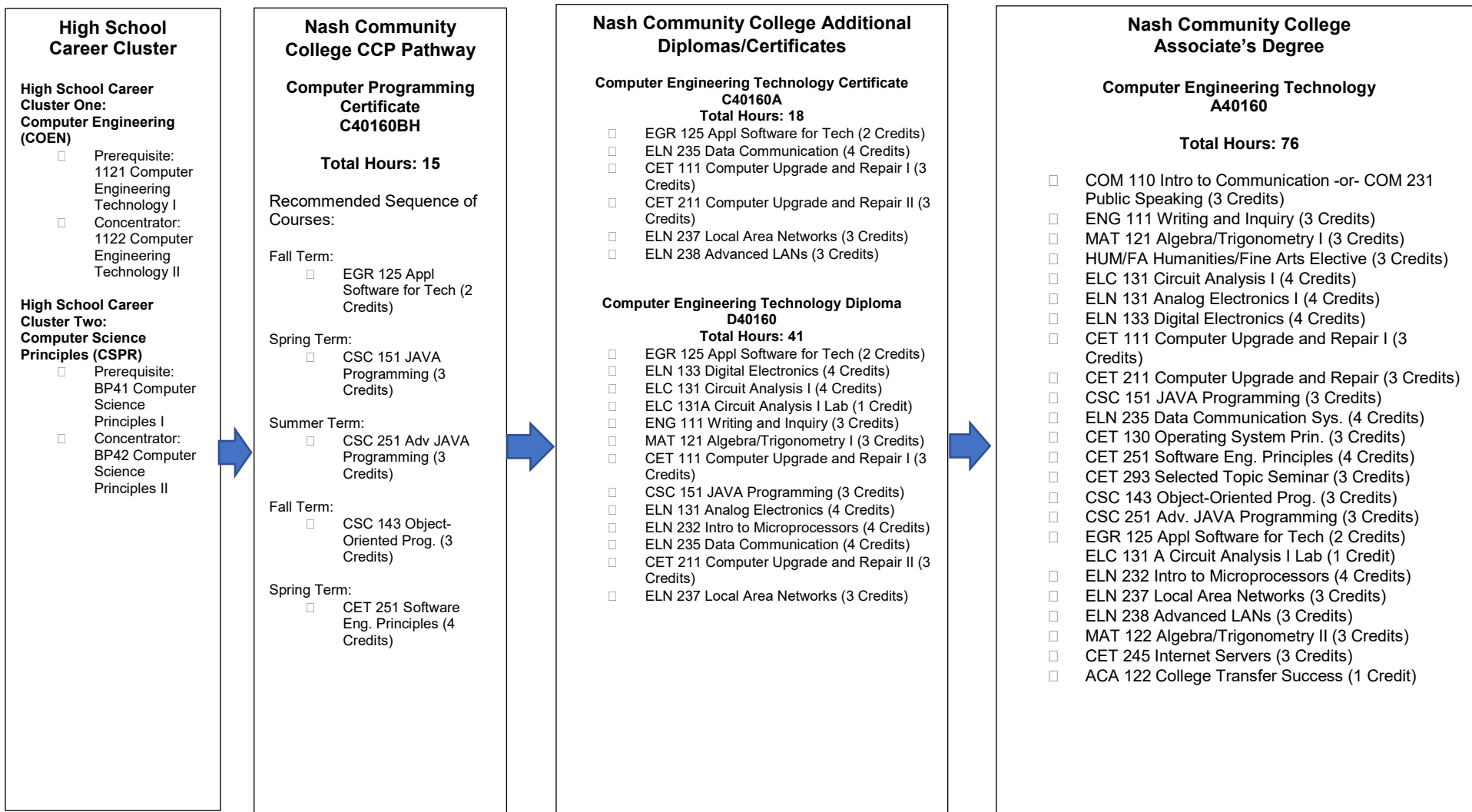
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COMPUTER PROGRAMMING CERTIFICATE

This pathway prepares students to use basic engineering principles and technical skills for installing, servicing, and maintaining computers, peripherals, networks, and microprocessor and computer- controlled equipment. Includes instruction in mathematics, computer electronics and programming, prototype development and testing, systems installation and testing, solid state and microminiature circuitry, peripheral equipment, and report preparation. Graduates may also qualify for certification in electronics, computers, or networks.

Career Opportunities: Graduates should qualify for employment opportunities in electronics technology, computer service, computer networks, server maintenance, programming, and other areas requiring knowledge of electronic and computer systems.



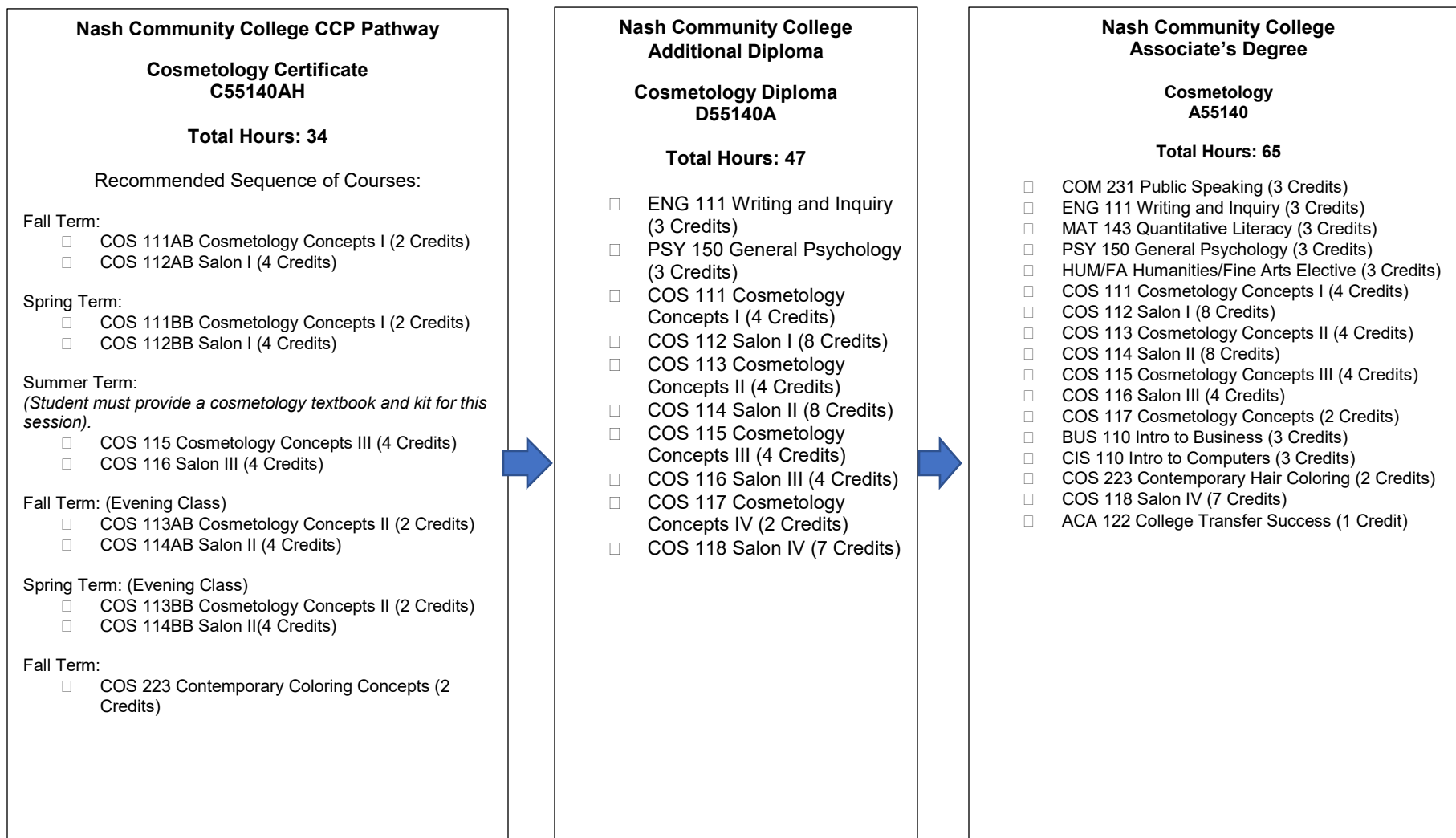
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COSMETOLOGY

The Cosmetology curriculum is designed to provide competency-based knowledge, scientific/artistic principles, and hands-on fundamentals associated with the cosmetology industry. The curriculum provides a simulated salon environment which enables students to develop manipulative skills. Course work includes instruction in all phases of professional imaging, hair design, chemical processes, skin care, nail care, multi-cultural practices, business/computer principles, product knowledge, and other selected topics. Graduates should qualify to sit for the State Board of Cosmetic Arts examination. Upon successfully passing the State Board exam, graduates will be issued a license.

Career Opportunities: Employment is available in beauty salons and related businesses.

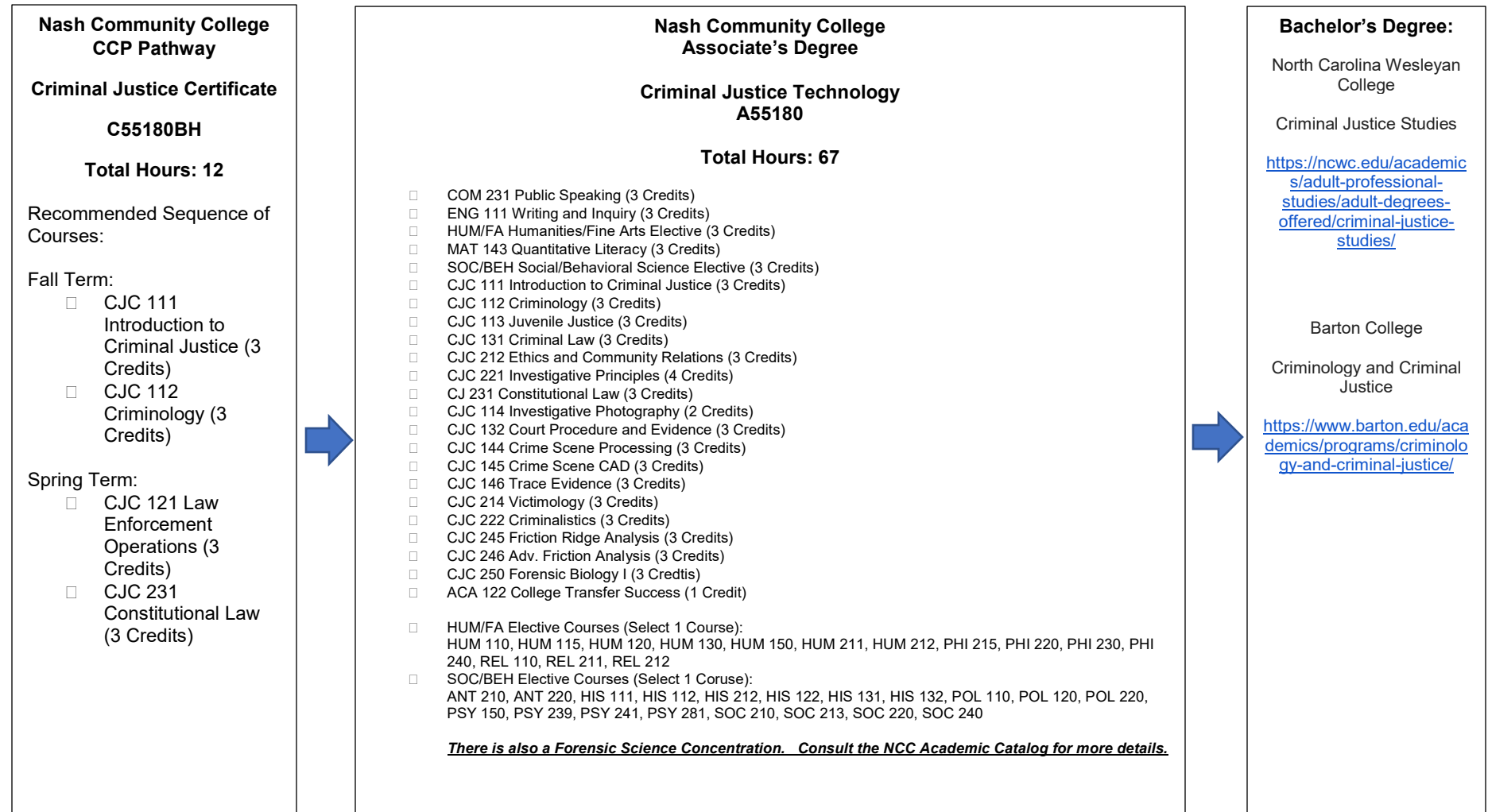


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CRIMINAL JUSTICE

The Criminal Justice Technology curriculum is designed to provide knowledge of criminal justice systems and operations. Study will focus on local, state, and federal law enforcement, judicial processes, corrections, and security services. The criminal justice system's role within society will be explored. Emphasis is on criminal justice systems, criminology, juvenile justice, criminal and constitutional law, investigative principles, ethics, and community relations. Additional study may include issues and concepts of government, counseling, communications, computers, and technology.

Career Opportunities: Employment opportunities exist in a variety of local, state, and federal law enforcement, corrections, and security fields. Examples include police officer, deputy sheriff, county detention officer, state trooper, intensive probation/parole surveillance officer, correctional officer, and loss prevention specialist.



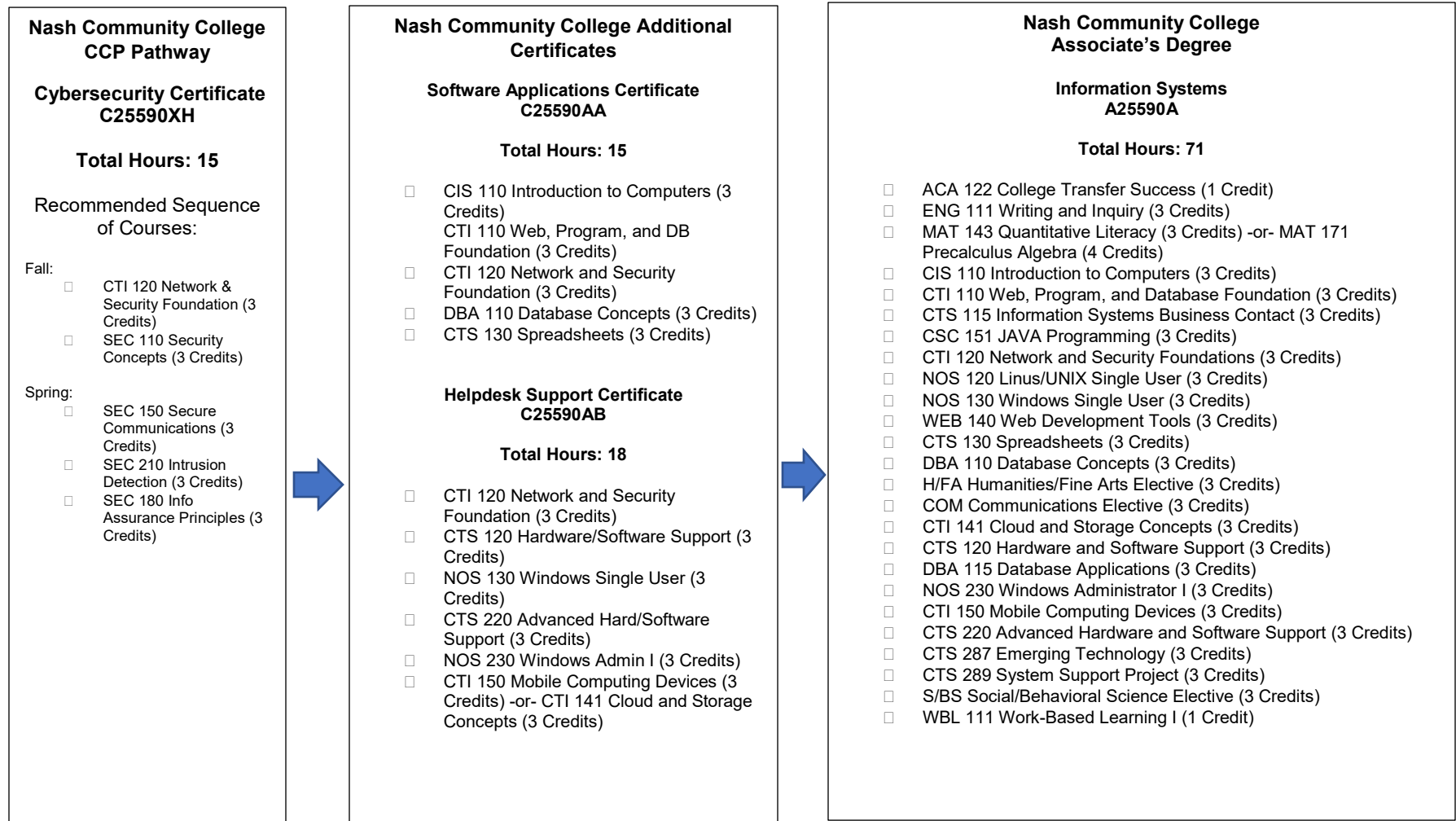
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CYBERSECURITY CERTIFICATE

The Cybersecurity certificate is part of the Information Technology: Systems Security degree program. Course work focuses on information policy, intrusion detection, security administration, and industry best practices to protect data communications.

Career Opportunities: Cybersecurity Analyst, Security Architect, Security Administrator



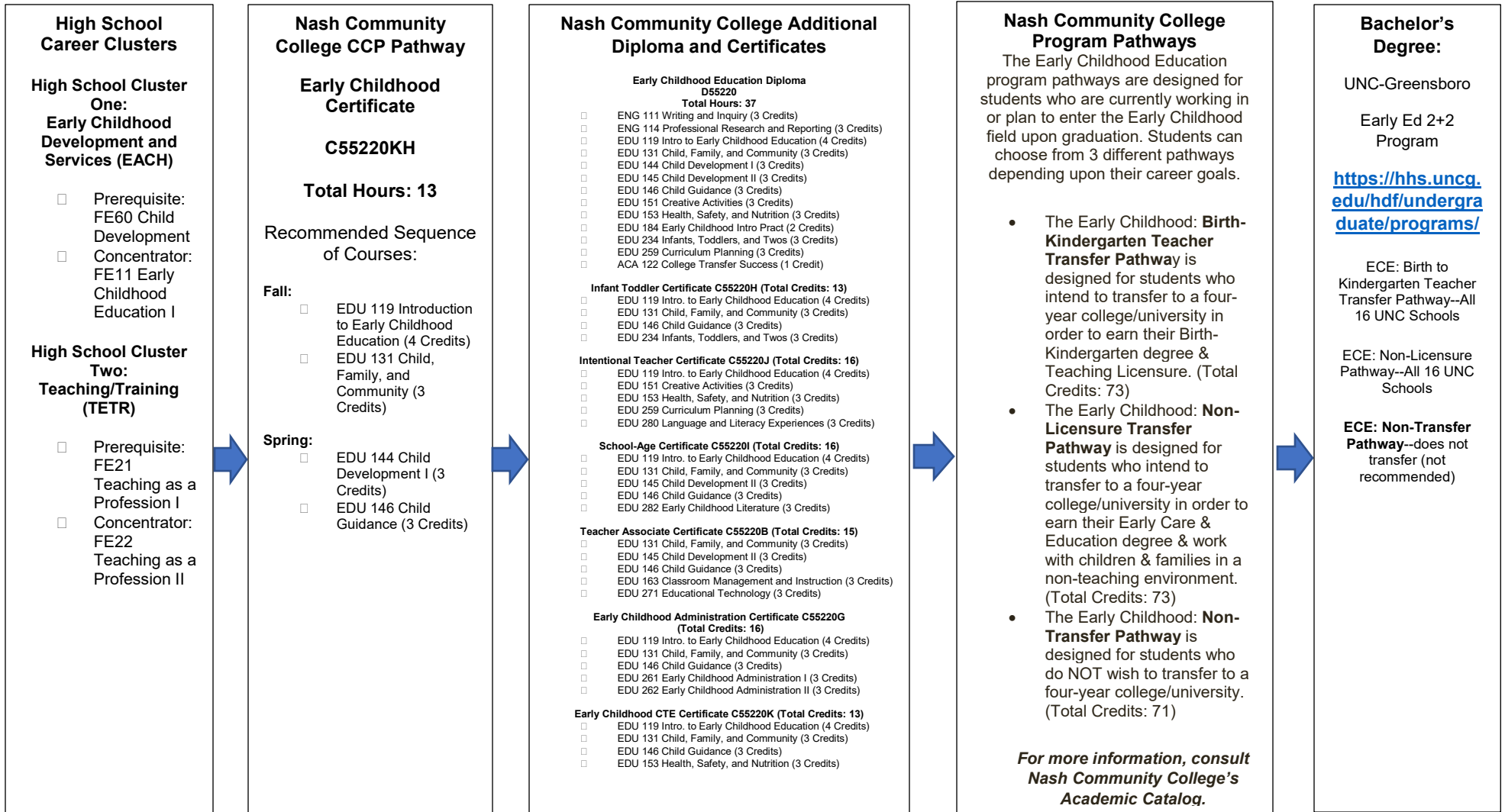
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EARLY CHILDHOOD EDUCATION

This curriculum is designed to provide training for persons interested in the installation and maintenance of electrical systems found in residential, commercial, and industrial facilities. Coursework, most of which is hands-on, will include such topics as AC/DC theory, basic wiring practices, programmable logic controllers, industrial motor controls, applications of the National Electric Code, and other subjects as local needs require. Graduates should qualify for a variety of jobs in the electrical field as an on-the-job trainee or apprentice assisting in the layout, installation, and maintenance of electrical systems.

Career Opportunities: Preschool Teacher, Childcare Worker, Childcare Center Director, Nanny



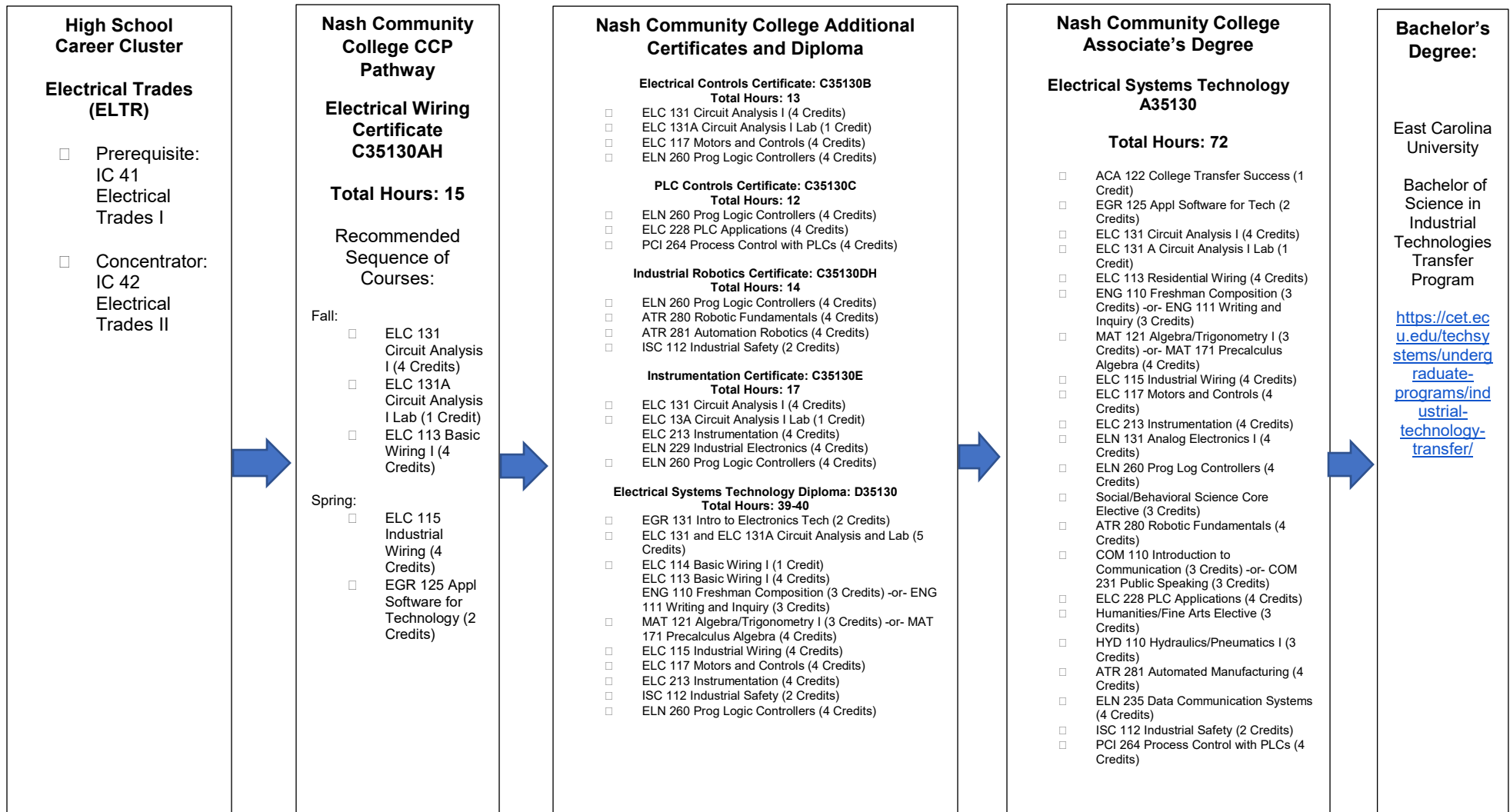
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ELECTRICAL WIRING CERTIFICATE

This curriculum is designed to provide training for persons interested in the installation and maintenance of electrical systems found in residential, commercial, and industrial facilities. Coursework, most of which is hands-on, will include such topics as AC/DC theory, basic wiring practices, programmable logic controllers, industrial motor controls, applications of the National Electric Code, and other subjects as local needs require.

Career Opportunities: Graduates should qualify for a variety of jobs in the electrical field as an on-the-job trainee or apprentice assisting in the layout, installation, and maintenance of electrical systems.



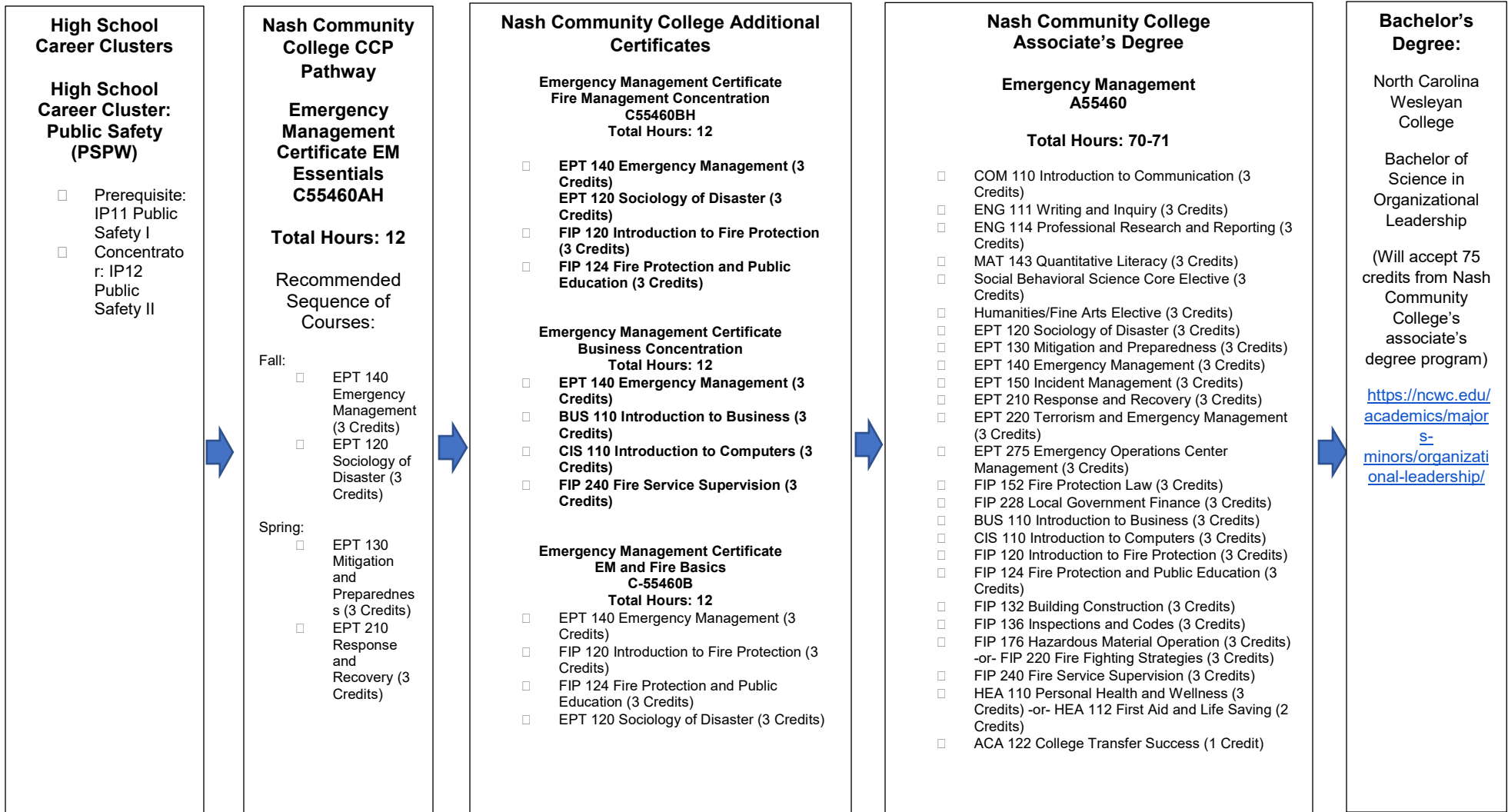
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EMERGENCY MANAGEMENT CERTIFICATE

The Emergency Management curriculum is designed to provide students with a foundation of technical and professional knowledge needed for emergency services delivery in local and state government agencies. Study involves both management and technical aspects of law enforcement, fire protection, emergency medical services, and emergency planning. Course work includes classroom and laboratory exercises to introduce the student to various aspects of emergency preparedness, protection, and enforcement. Students will learn technical and administrative skills such as investigative principles, hazardous materials, codes, standards, emergency agency operations, and finance.

Career Opportunities: Employment opportunities include ambulance services, fire/rescue agencies, law enforcement agencies, fire marshal offices, industrial firms, educational institutions, emergency management offices, and other government agencies. Employed persons should have opportunities for skilled and supervisory-level positions.



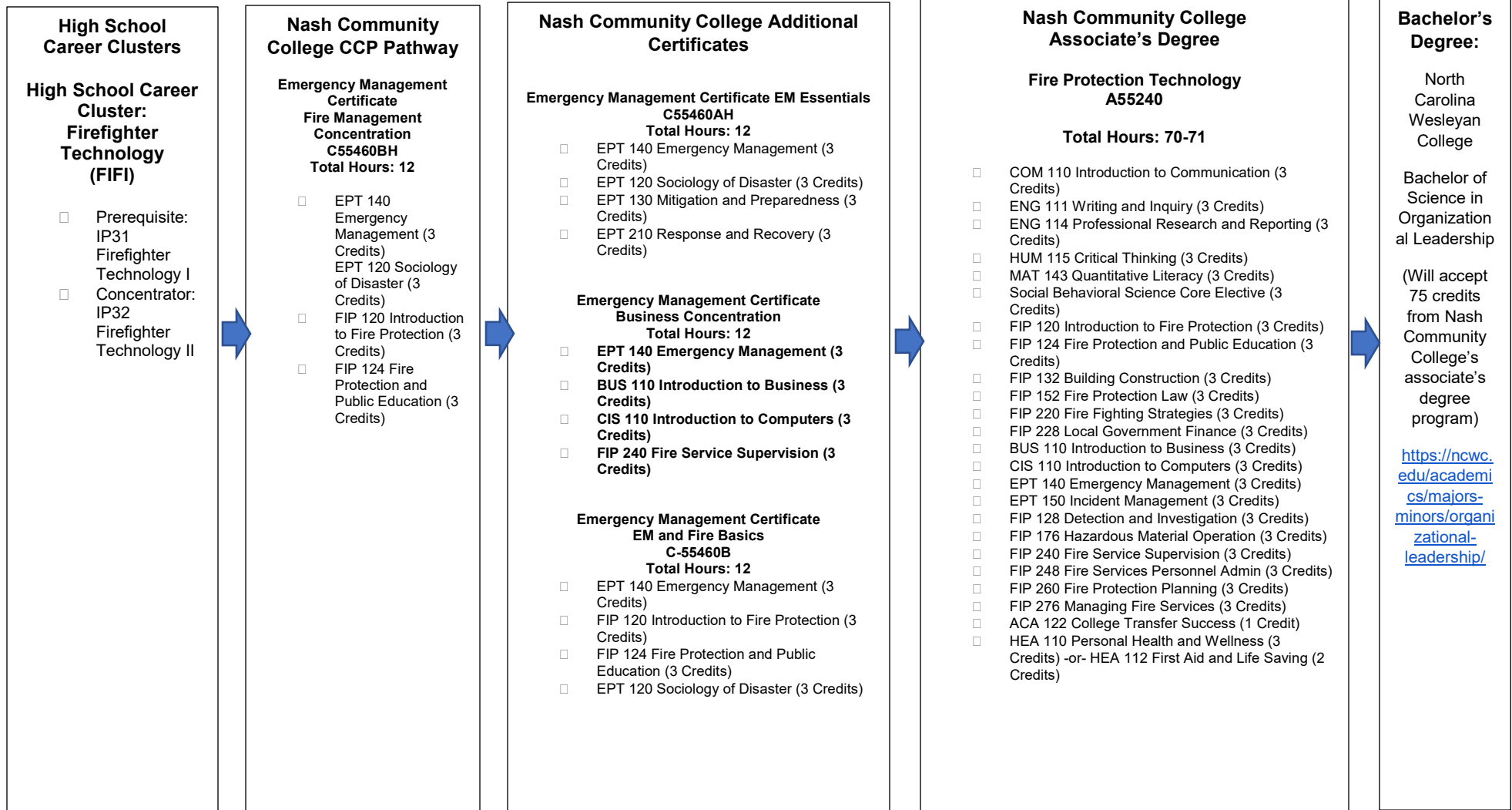
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EMERGENCY MANAGEMENT – FIRE CONCENTRATION CERTIFICATE

The fire protection technology curriculum is designed to provide students with knowledge and skills in the technical, managerial, and leadership areas necessary for advancement within the fire protection community and related firefighting industries, and to provide currently employed firefighters with knowledge and skills often required for promotional consideration. Course work includes diverse fire protection subject areas, including fire prevention and safety, public education, building construction, fire ground strategies and tactics, and local government finance and laws, as they apply to emergency services management. Emphasis includes understanding fire characteristics and the structural consequences of fire; risk assessment and management; and relevant research, communications, and leadership methodologies.

Career Opportunities: Employment opportunities exist with fire departments, governmental agencies, industrial firms, insurance rating organizations, and educational organizations.



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HOSPITALITY - LODGING MANAGEMENT CERTIFICATE

This curriculum prepares individuals to understand and apply the administrative and practical skills needed for supervisory and managerial positions in hotels, motels, resorts, inns, restaurants, institutions, and clubs. Course work includes guest services, leadership, management, restaurant operations, lodging operations, marketing, sanitation, food preparation, food and beverage management and other critical areas.

Career Opportunities: Graduates should qualify for management or entry-level supervisory positions in food and lodging operations, including restaurants, foodservice, beverage service, catering, front office, reservations and housekeeping. Opportunities are also available in product services, and technology support and sales.

High School Career Clusters

High School Career Cluster One: Sports and Entertainment Marketing (SEMK)

- Prerequisite: MH31 Sports and Entertainment Marketing I
- Concentrator: MH32 Sports and Entertainment Marketing II

High School Career Cluster Two: Travel and Tourism (TRTO)

- Prerequisite: BF20 Principles of Business and Finance -or- MH31 Sports and Marketing I
- Concentrator: MH42 Hospitality and Tourism

High School Career Cluster Three: Culinary Arts Applications (CULA)

- Prerequisite: FH11 Culinary Arts and Hospitality II Applications
- Concentrator: FH13 Culinary Arts and Hospitality III

High School Career Cluster Four: Culinary Arts Internship (CULI)

- Prerequisite: FH12 Culinary Arts and Hospitality II Internship
- Concentrator: FH13 Culinary Arts and Hospitality III

Nash Community College CCP Pathway

**Lodging Management Certificate C25110AH
Total Hours: 15**

Recommended Sequence of Courses:

Fall Term:

- HRM 110 Introduction to Hospitality and Tourism (3 Credits)
- HRM 120 Front Office Procedures (3 Credits)

Spring Term:

- HRM 140 Legal Issues – Hospitality (3 Credits)
- HRM 240 Marketing for Hospitality (3 Credits)

Fall Term:

- HRM 245 Human Resource Management - Hospitality

Nash Community College Additional Certificates and Diploma

Restaurant Management Certificate: C25110B (Total Hours: 14)

- CUL 110 Sanitation and Safety (2 Credits)
- CUL 135 Food and Beverage Service (2 Credits)
- CUL 135A Food and Beverage Service Lab (1 Credit)
- HRM 225 Beverage Management (3 Credits)
- HRM 245 Human Resource Management – Hospitality (3 Credits)
- HRM 240 Marketing for Hospitality (3 Credits)

Catering Management Certificate: C25110C (Total Hours: 15)

- CUL 110 Sanitation and Safety (2 Credits)
- CUL 130 Menu Design (2 Credits)
- CUL 135 Food and Beverage Service (2 Credits)
- CUL 135A Food and Beverage Service Lab (1 Credit)
- CUL 140 Culinary Skills (5 Credits) -or- CUL 142 Fundamentals of Food (5 Credits)
- HRM 245 Human Resource Management – Hospitality (3 Credits)

Bed and Breakfast Management Certificate: C25110D (Total Hours: 13)

- CUL 110 Sanitation and Safety (2 Credits)
- CUL 140 Culinary Skills (5 Credits) -or- CUL 142 Fundamentals of Food (5 Credits)
- HRM 120 Front Office Procedures (3 Credits)
- HRM 130 Bed and Breakfast Management (3 Credits)

Event Planning Certificate: C25110E (Total Hours: 15)

- HRM 140 Legal Issues – Hospitality (3 Credits)
- HRM 210 Meeting and Event Planning (3 Credits)
- HRM 225 Beverage Management (3 Credits)
- HRM 240 Marketing for Hospitality (3 Credits)
- HRM 245 Human Resource Management – Hospitality (3 Credits)

Hospitality Management Diploma: D25110 (Total Hours: 41)

- COM 110 Introduction to Communication (3 Credits)
- ENG 111 Writing and Inquiry (3 Credits)
- CUL 110 Sanitation and Safety (2 Credits)
- HRM 110 Introduction to Hospitality and Tourism (3 Credits)
- HRM 140 Legal Issues – Hospitality (3 Credits)
- HRM 220 Cost Control – Food and Beverage (3 Credits)
- HRM 240 Marketing for Hospitality (3 Credits)
- HRM 245 Human Resource Management – Hospitality (3 Credits)
- HRM 280 Management Problems – Hospitality (3 Credits)
- CUL 135 and CUL 135A Food and Beverage Service and Lab (3 Credits)
- HRM 120 Front Office Procedures (3 Credits)
- HRM 130 Bed and Breakfast Management (3 Credits)
- HRM 210 Meeting and Event Planning (3 Credits)
- HRM 225 Beverage Management (3 Credits)

Nash Community College Associate's Degree

**Hospitality Management: A25110
Total Hours: 67**

- COM 110 Introduction to Communication (3 Credits)
- ENG 111 Writing and Inquiry (3 Credits)
- Humanities/Fine Arts Elective (3 Credits)
- MAT 143 Quantitative Literacy (3 Credits)
- PSY 150 General Psychology (3 Credits)
- ACC 120 Principles of Financial Accounting (4 Credits)
- CUL 110 Sanitation and Safety (2 Credits)
- HRM 110 Introduction to Hospitality and Tourism (3 Credits)
- HRM 140 Legal Issues – Hospitality (3 Credits)
- HRM 220 Cost Control – Food and Beverage (3 Credits)
- HRM 240 Marketing for Hospitality (3 Credits)
- HRM 245 Human Resource Management – Hospitality (3 Credits)
- HRM 280 Management Problems – Hospitality (3 Credits)
- WBL 111 Work-Based Learning I (1 Credit)
- WBL 121 Work-Based Learning II (1 Credit)
- CIS 110 Introduction to Computers (3 Credits)
- CUL 130 Menu Design (2 Credits)
- CUL 135 and CUL 135A Food and Beverage Service and Lab (3 Credits)
- CUL 140 Culinary Skills (5 Credits) -or- CUL 142 Fundamentals of Food (5 Credits)
- HRM 120 Front Office Procedures (3 Credits)
- HRM 225 Beverage Management (3 Credits)
- Special Topics Elective (Select Two Courses – 6 Total Credits): CUL 112, CUL 120/CUL 120A, CUL 160, HRM 130, HRM 210
- ACA 122 College Transfer Success (1 Credit)



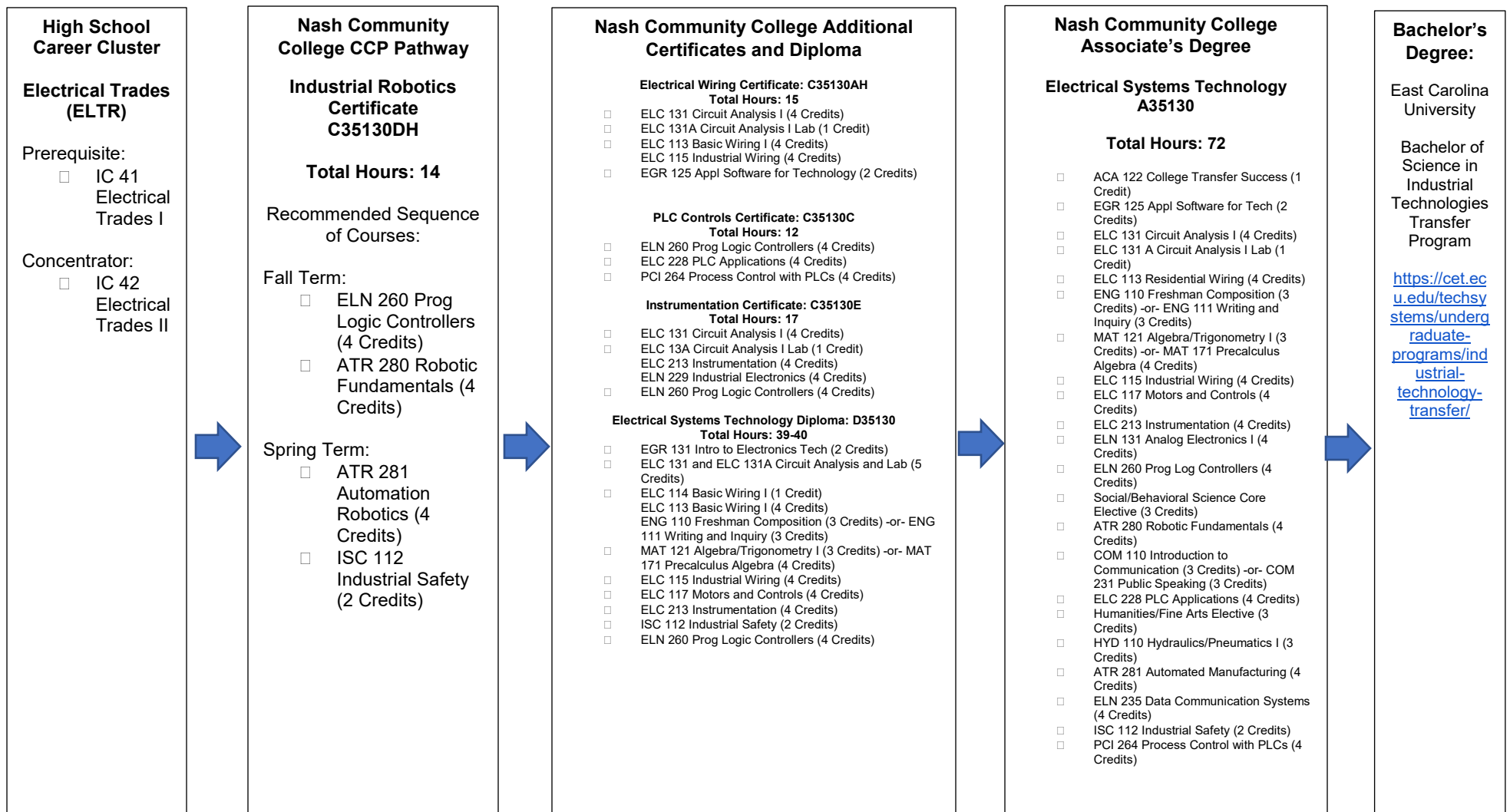
CONTACT

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INDUSTRIAL ROBOTICS CERTIFICATE

This curriculum is designed to provide training for persons interested in the installation and maintenance of electrical systems found in residential, commercial, and industrial facilities. Coursework, most of which is hands-on, will include such topics as AC/DC theory, basic wiring practices, programmable logic controllers, industrial motor controls, applications of the National Electric Code, and other subjects as local needs require.

Career Opportunities: Graduates should qualify for a variety of jobs in the electrical field as an on-the-job trainee or apprentice assisting in the layout, installation, and maintenance of electrical systems.



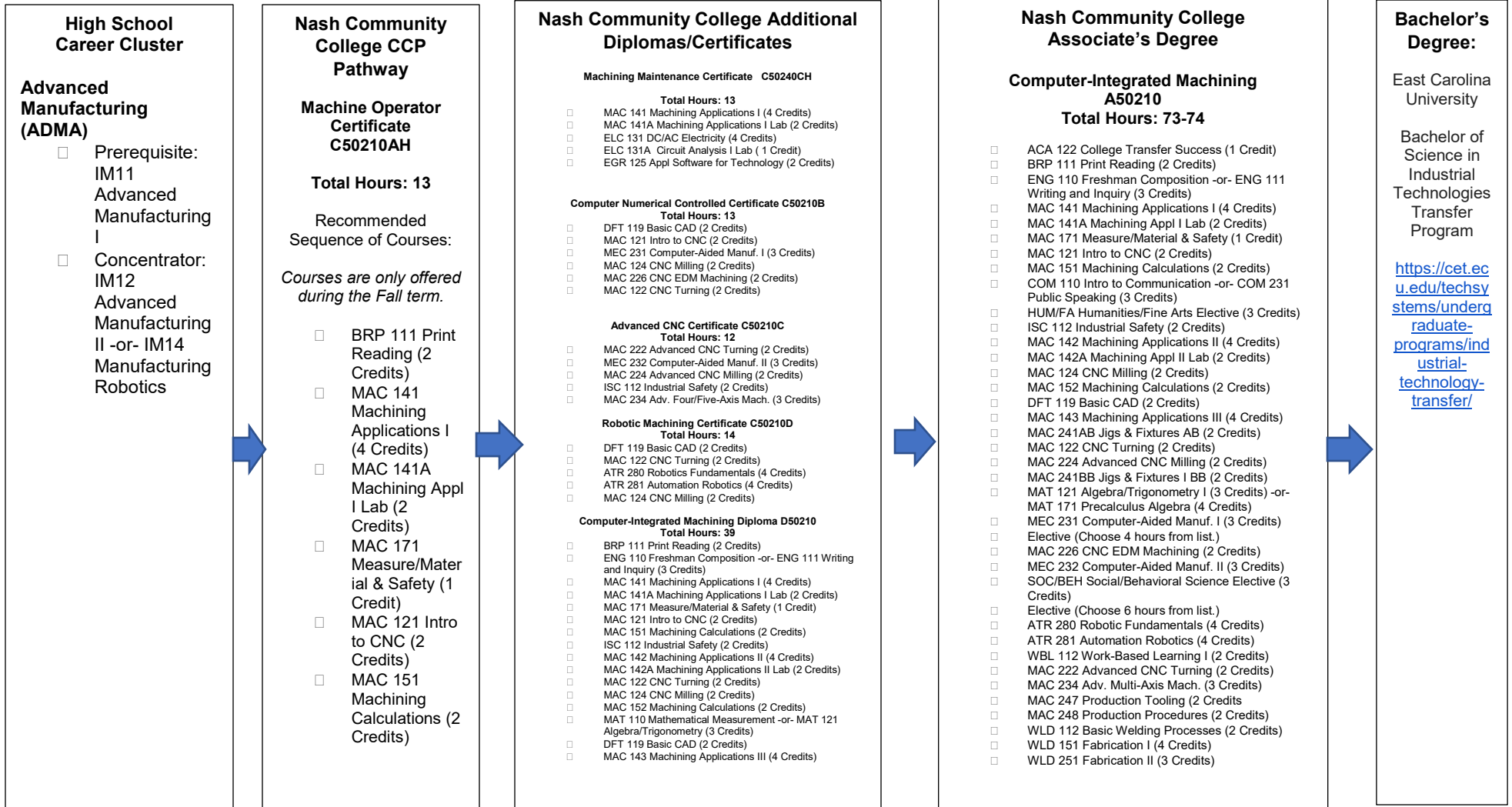
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MACHINE OPERATOR CERTIFICATE

The Computer-Integrated Machining curriculum prepares students with the analytical, creative and innovative skills necessary to take a production idea from an initial concept through design, development and production, resulting in a finished product. Coursework may include manual machining, computer applications, engineering design, computer-aided drafting (CAD), computer-aided machining (CAM), blueprint interpretation, advanced computerized numeric control (CNC) equipment, basic and advanced machining operations, precision measurement and high-speed multi-axis machining.

Career Opportunities: Graduates should qualify for employment as machining technicians in high-tech manufacturing, rapid-prototyping and rapid-manufacturing industries, specialty machine shops, fabrication industries, and high-tech or emerging industries such as aerospace, aviation, medical, and renewable energy, and to sit for machining certification examinations.



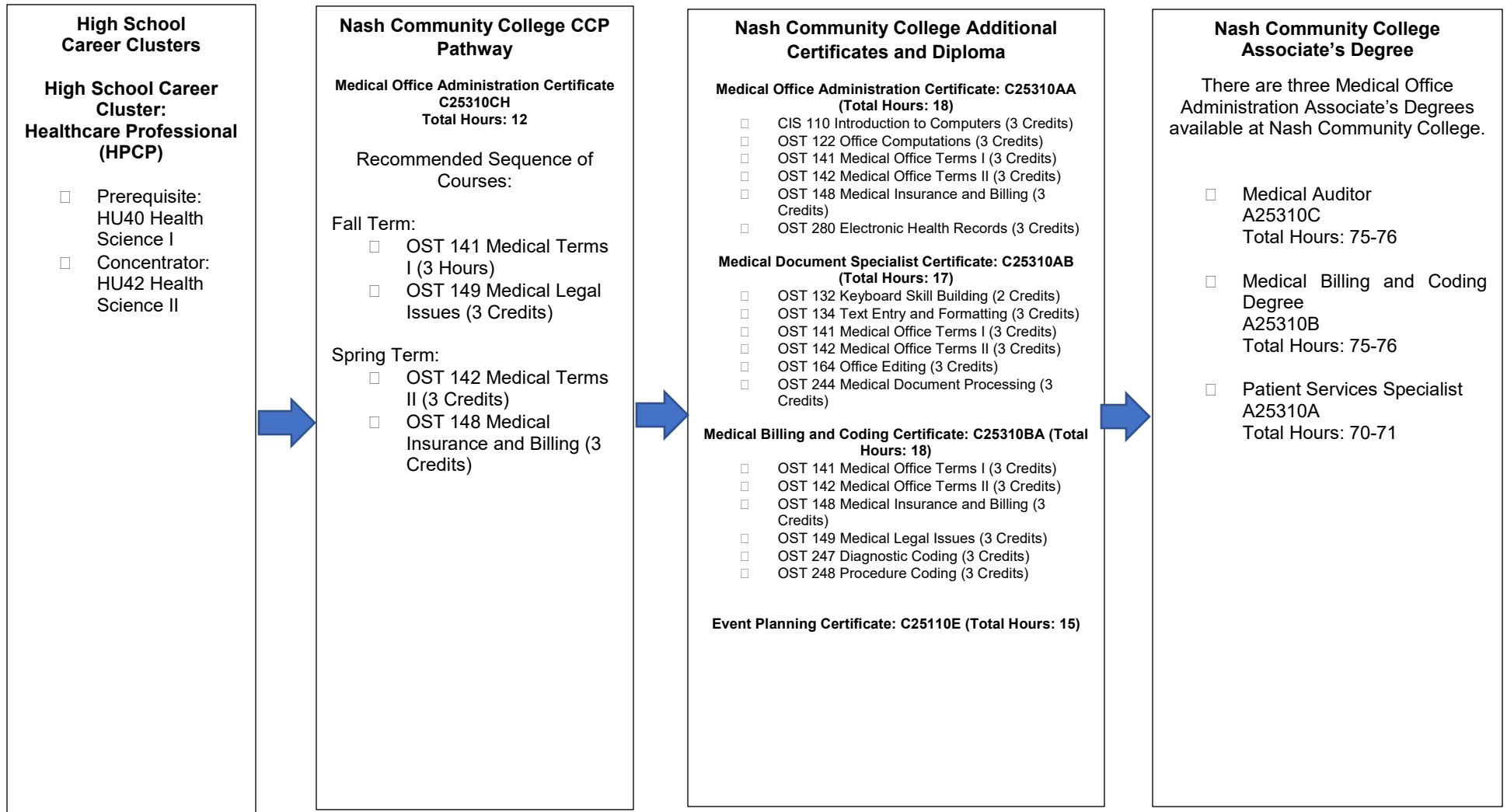
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MEDICAL OFFICE ADMINISTRATION CERTIFICATE

The Medical Office Administration curriculum prepares individuals for employment in medical and other health-care related offices. Course work will include medical terminology; information systems; office management; medical coding, billing and insurance; legal and ethical issues; and formatting and word processing. Students will learn administrative and support functions and develop skills applicable in medical environments.

Career Opportunities: Employment opportunities are available in medical and dental offices, hospitals, insurance companies, laboratories, medical supply companies, and other health-care related organizations.



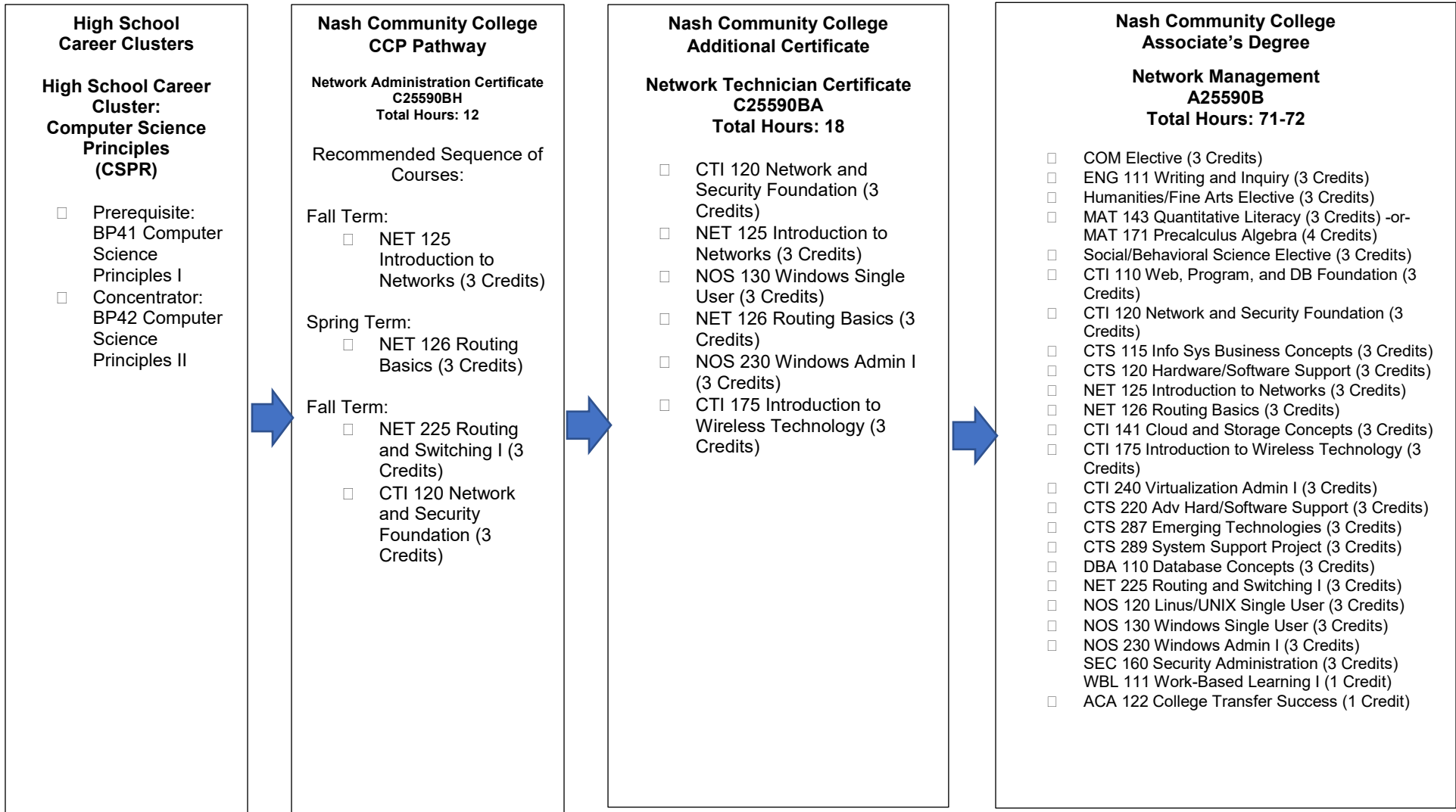
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NETWORK ADMINISTRATION CERTIFICATE

The Network Administration certificate is part of the Information Technology: Network Management degree program. Course work focuses on design, installation, configuration, and management of network infrastructure technologies and network operating systems. Course work geared towards preparing students for the CISCO Certified Network Associate certification.

Career Opportunities: Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to design and manage information.



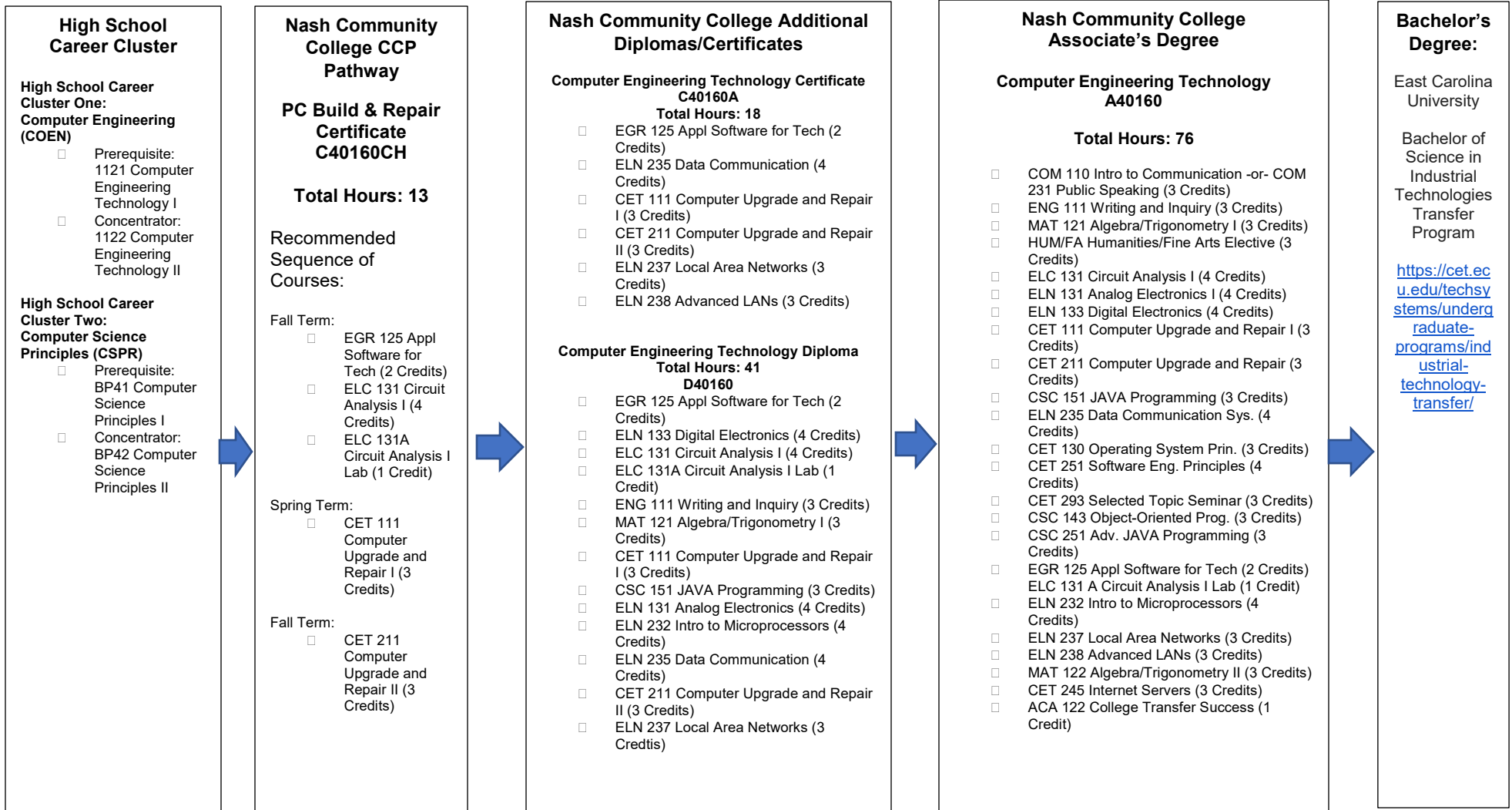
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PC BUILD AND REPAIR CERTIFICATE

This pathway prepares students to use basic engineering principles and technical skills for installing, servicing, and maintaining computers, peripherals, networks, and microprocessor and computer- controlled equipment. Includes instruction in mathematics, computer electronics and programming, prototype development and testing, systems installation and testing, solid state and microminiature circuitry, peripheral equipment, and report preparation. Graduates may also qualify for certification in electronics, computers, or networks.

Career Opportunities: Graduates should qualify for employment opportunities in electronics technology, computer service, computer networks, server maintenance, programming, and other areas requiring knowledge of electronic and computer systems.



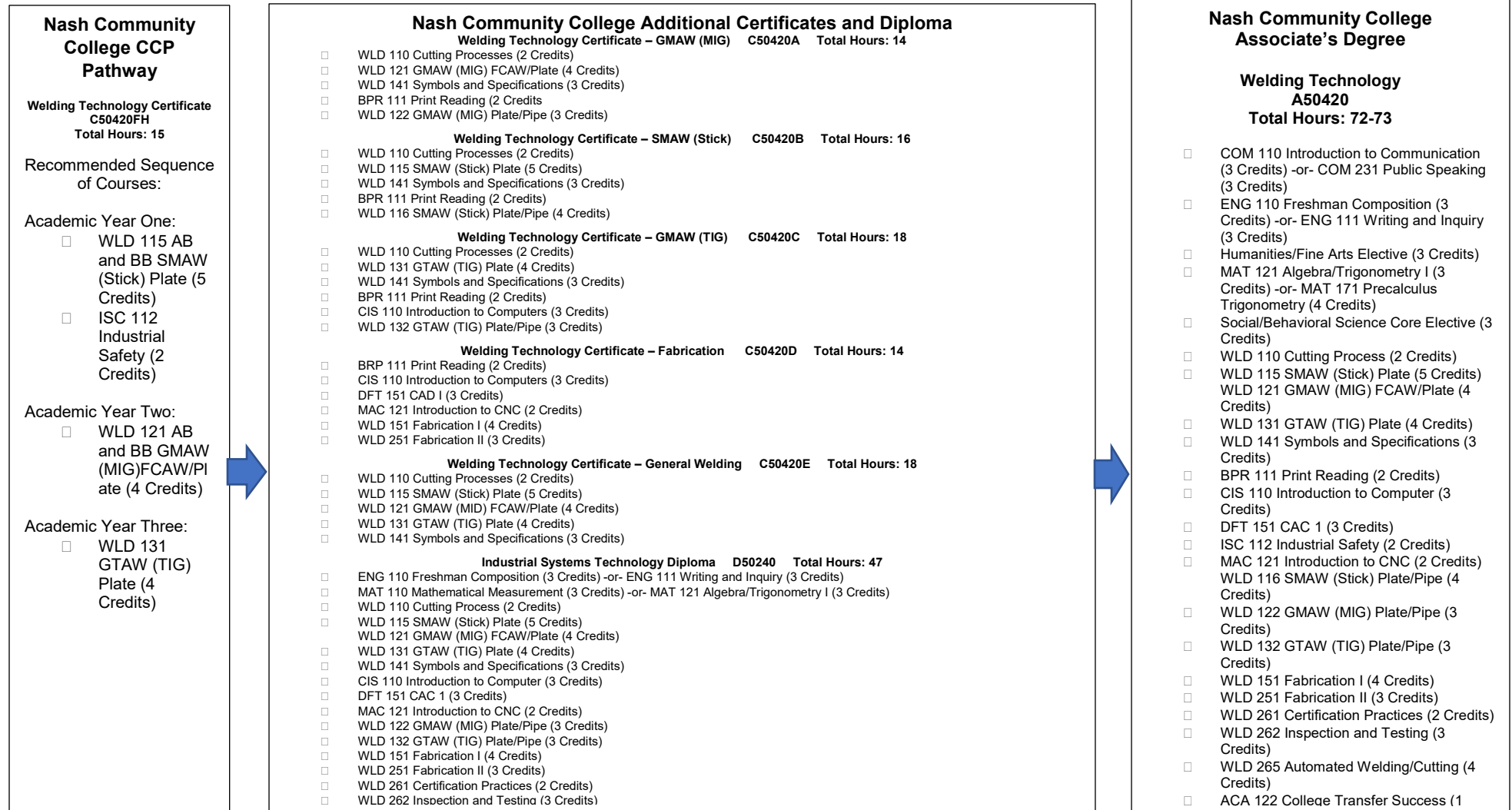
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WELDING CERTIFICATE

The Welding Technology curriculum provides students with a sound understanding of the science, technology, and applications essential for successful employment in the welding and metalworking industry. Instruction includes consumable and non-consumable electrode welding and cutting processes. Courses may include math, print reading, metallurgy, welding inspection, and destructive and non-destructive testing providing the student with industry-standard skills developed through classroom training and practical application.

Career Opportunities: Graduates of the Welding Technology curriculum may be employed as entry-level technicians in welding and metalworking industries. Career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, supervision, and welding-related self-employment.



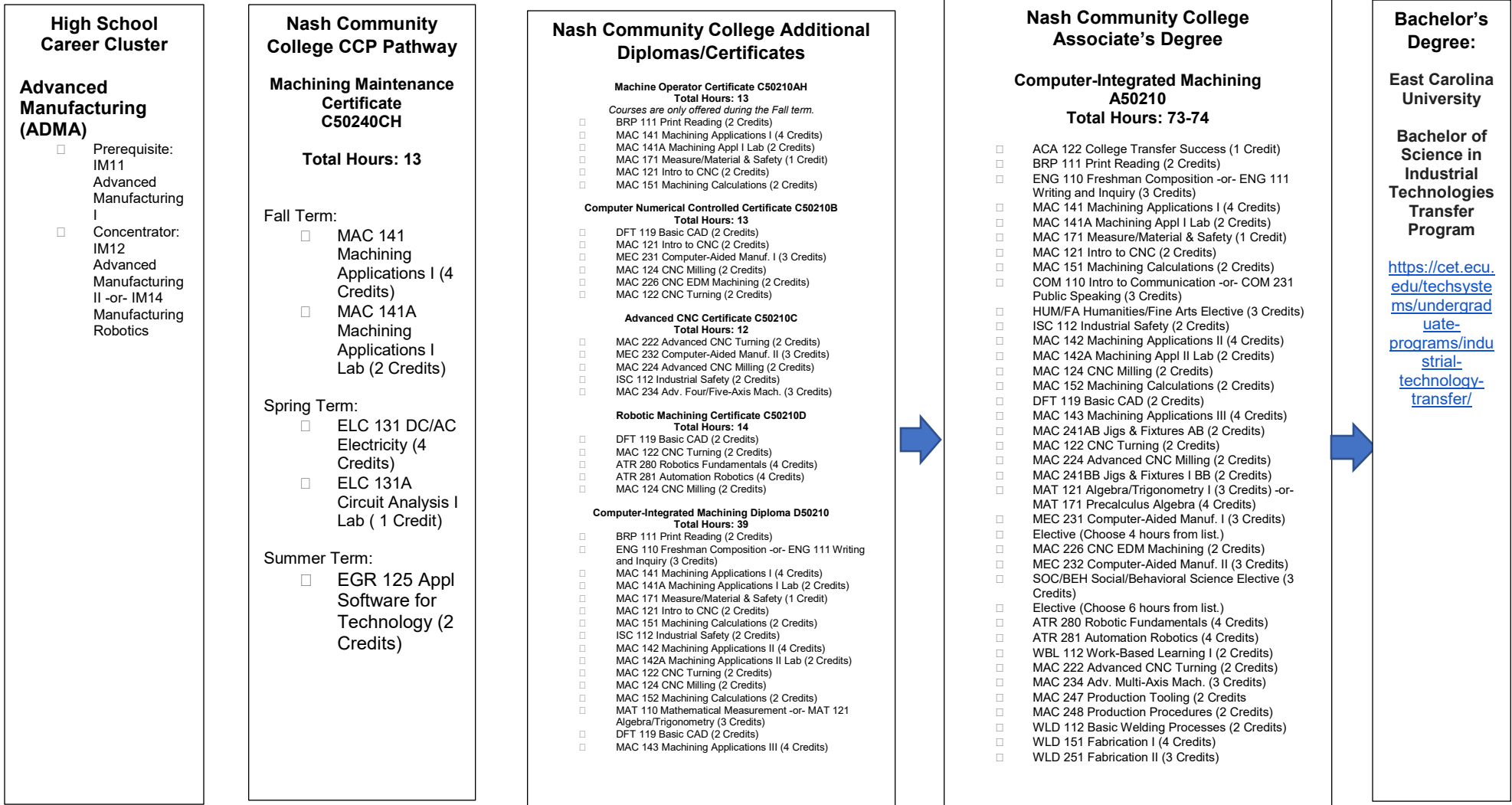
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MACHINING MAINTENANCE CERTIFICATE

The Machine Operator curriculum prepares students with the analytical, creative and innovative skills necessary to take a production idea from an initial concept through design, development and production, resulting in a finished product. Coursework may include manual machining, computer applications, engineering design, computer-aided drafting (CAD), computer-aided machining (CAM), blueprint interpretation, advanced computerized numeric control (CNC) equipment, basic and advanced machining operations, precision measurement and high-speed multi-axis machining.

Career Opportunities: Graduates should qualify for employment as machining technicians in high-tech manufacturing, rapid-prototyping and rapid-manufacturing industries, specialty machine shops, fabrication industries, and high-tech or emerging industries such as aerospace, aviation, medical, and renewable energy, and to sit for machining certification examinations.



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