

2020-2021

**CAREER PATHWAYS ARTICULATION AGREEMENT BETWEEN
THE SCHOOL BOARD OF LAKE COUNTY, FLORIDA and
LAKE-SUMTER STATE COLLEGE**

In a continuing effort for the School Board of Lake County, Florida (School Board) and Lake-Sumter State College (LSSC) to provide career opportunities for secondary school students in Career Pathways programs for transition into postsecondary institutions, LSSC agrees to extend at no cost to the student (other than the application fee) college credit at LSSC according to the following requirements:

I. Articulation with Lake-Sumter State College

To articulate courses taken in Career and Technical Education (CTE) Career Pathways Program of Study at Lake County Schools (LCS) Secondary Schools to LSSC, students must meet the following requirements to earn college credit.

1. The student shall be considered a Career Pathways student, defined as a student in an articulated, sequential CTE program and enrolled in Level II or III courses that lead to a college credit certificate (CCC), Associate in Science (AS), Associate in Applied Science (AAS), or Associate in Arts (AA) degree, and/or apprenticeship programs.
2. Pass the specified high school courses identified on the CTE Career Pathways Program of Study within a career and technical program with a minimum grade of C.
3. Pay the LSSC Admissions application fee.
4. Meet regular LSSC entrance requirements, including appropriate placement and course prerequisite requirements of the college.
5. Apply for the postsecondary credit within 24 months after their high school graduation.
6. Credit may be earned in any combination of the following ways:

OPTION A. Take and pass the LSSC common assessment (Credit by Exam) for courses listed on the articulation pages contained within this document. The student must enroll and attend LSSC after high school graduation or as a Collegiate High School Early Admissions student in order to receive the credit earned by the LSSC common assessment (Credit by Exam).

OPTION B. Receive credit for an industry certification(s) earned while enrolled in a Career Pathways Program of Study which corresponds to an LSSC program. A list of approved certifications along with the equivalent articulated credit is available on the individual program pages contained within this document. If the certification product version is different from the listed industry standard, LSSC faculty will review the certification to determine equivalence.

7. LSSC will award the credit for the select program up to 24 months from the time of high school graduation or while enrolled as a Collegiate High School Early Admissions student as described in the annual Collegiate High School Dual Enrollment agreement.

The student must present the Career Pathways Certificate of Completion, copy of industry certification, and/or present a high school transcript verifying the successful completion of the technical courses and/or industry certification, if applicable, to LSSC's Workforce Development Office.

II. Assessment and Course Equivalency

1. The LSSC common assessment (Credit by Exam) study guide, prepared by LSSC program faculty for each program area will be shared with high school faculty. The LSSC common assessment (Credit by Exam) may be written, portfolio, performance-based or a combination thereof. LSSC will provide high school faculty, upon written request, the opportunity to take the LSSC common assessment (Credit by Exam).
2. Faculty and staff on the technical discipline subcommittees have examined and compared the competencies within the technical courses to be articulated from the high school curriculum to the postsecondary institutions to determine the equivalency of the content. Each technical subcommittee will develop and regularly update the discipline-specific Program of Study content equivalency descriptions.

III. Term and Termination

This agreement shall be reviewed annually and shall be in effect from July 1, 2019 through June 30, 2020 or until either party chooses to terminate the Agreement. Either party may terminate this agreement with ninety (90) days written notice.

IV. Course Offerings

The Parties understand that the available courses may change on an annual basis. A sample list for the 2019-2020 year is attached as Exhibit A. The Parties agree that revisions to the available course list may be made with the approval of the School Board or its designee and LSSC Career Pathways Consortium Committee. All other modifications are subject to Section V of this Agreement.

V. Modification or Amendment

Except as otherwise outlined in Section IV, this Agreement may be modified or amended only by a written document signed by authorized representatives of the School Board and LSSC.

VI. Entire Agreement


This Agreement comprises the entire agreement between the School Board and LSSC concerning its subject matter and shall supersede all prior agreements, oral and written declarations of intent, and other legal arrangements, whether binding or non-binding, made by the parties in respect thereof.

SPACE INTENTIONALLY LEFT BLANK

SIGNATURE PAGE TO FOLLOW

2020-2021
CAREER PATHWAYS ARTICULATION AGREEMENT BETWEEN
THE SCHOOL BOARD OF LAKE COUNTY, FLORIDA and
LAKE-SUMTER STATE COLLEGE


APPROVED:
THE SCHOOL BOARD
OF LAKE COUNTY, FLORIDA



Ms. Diane Kornegay, Superintendent Date




Dr. Kristi Burns, Chairperson Date
School Board of Lake County, Florida




Ms. Frances Y. Celis, Director Date
College and Career Readiness


APPROVED:
LAKE-SUMTER STATE COLLEGE



Dr. Stanley Sidor, President Date



Mr. Peter Wahl, Chairperson Date
District Board of Trustees



Dr. Douglas A. Wymer, Date
Vice President, Academic Affairs

**2019-2020 CAREER PATHWAYS ARTICULATION
CAREER PATHWAYS COURSE EQUIVALENCE**

EXHIBIT A

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name | Credits |
|----------------------------------|---|----------------|
| Administrative Office Specialist | 8207310 Intro to Info Tech or Digital Info Tech | 1 |
| | 8212110 Administrative Office Technology 1 | 1 |
| | 8212120 Business Software Applications 1 | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study | Course Number and Name | Credit Hours |
|--|--|---------------------|
| AS in Business Administration | CGS 1100 Business Computer Applications GEB 1011 Introduction to Business | 3 3 |
| CCC in Business Specialist | | |
| CCC in Business Operations | | |
| CCC in Business Management | | |
| AS in Computer Information Technology | CGS 1100 Business Computer Applications | 3 |
| AS in Criminal Justice Technology | | |
| AS in Health Information Technology | | |
| CCC in Electrical Distribution Technology Advanced | | |
| CCC in Information Technology Analysis Certificate | | |
| CCC in Medical Office Management | | |
| AA Degree | CGS 1100 Business Computer Applications | 3 |

OPTION B. Earn College Credit through Industry Certification: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|---------------------------------|---|---|-----------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 2 of these 4 components: Word, Excel, PowerPoint, Access AND INTUIT001 QuickBooks | CGS 1100 Business Computer Applications | 3 |

Lake Secondary Schools

| Program of Study | Course Number and Name Lake County requires students to complete three (3) classes. | Credits |
|-----------------------------------|--|---------|
| Advanced Manufacturing Technology | 9200210 Advanced Manufacturing Technology 1 | 1 |
| | 9200220 Advanced Manufacturing Technology 2 | 1 |
| | 9200230 Advanced Manufacturing Technology 3 | 1 |
| | 9200240 Advanced Manufacturing Technology 4 | 1 |
| | 9200250 Advanced Manufacturing Technology Capstone | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam). Refer to Manufacturing Skill Standards Council (MSSC) and Certified Production Technician (CPT) study guides for test preparation.

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|--|---|--------------|
| *AS in Engineering Technology Substation and Relay Technology Specialization | ETM 1010C Mechanical Measurement and Instrumentation | 3 |
| | ETI 1420C Manufacturing Processes and Materials | 3 |
| | ETI 1110C Introduction to Quality Assurance | 3 |
| | ETI 1701C Industrial Safety | 3 |
| *CCC in Engineering Technology Support Specialist | ETM 1010C Mechanical Measurement and Instrumentation | 3 |
| | ETI 1420C Manufacturing Processes and Materials | 3 |
| | ETI 1110C Introduction to Quality Assurance | 3 |
| | ETI 1701C Industrial Safety | 3 |
| AA Degree Elective Credits (not to exceed maximum elective credit hours for the program) | ETM 1010C Mechanical Measurement & Instrumentation and/or | 3 |
| | ETI 1420C Manufacturing Processes & Materials and/or | 3 |
| | ETI 1110C Introduction to Quality Assurance and/or | 3 |
| | ETI 1701C Industrial Safety | 3 |

OPTION B. Earn College Credit through Industry Certification: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|---|---|---|-----------------|
| CCC in Engineering Technology Support Specialist | MSSCN001 MSSC Certified Production Technician CPT | ETM 1010C Mechanical Measurement and Instrumentation | 3 |
| AS in Engineering Technology Substation and Relay Technology Specialization | | ETI 1420C Manufacturing Processes and Materials | 3 |
| | | ETI 1110C Introduction to Quality Assurance | 3 |
| | | ETI 1701C Industrial Safety | 3 |
| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
| CCC in Engineering Technology Support Specialist | <i>CREDIT for ONE of the following:</i> <ul style="list-style-type: none"> • SOLID003 Certified Solidworks Associate • ADESK011 Autodesk Certified User – Autodesk Inventor • ADESK024 Autodesk Certified Professional – Inventor | ETD 1320C Introduction to AutoCAD | 3 |
| AS in Engineering Technology Substation and Relay Technology Specialization | | | |
| AS in Engineering Technology Substation and Relay Technology Specialization | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name | Credits |
|-------------------------|---|---------|
| Allied Health Assisting | 8417100 Health Science Anatomy & Physiology | 1 |
| | 8417110 Health Science Foundations | 1 |
| | 8417131 Allied Health Assisting 3 | 1 |
| Nursing Assistant | 8417100 Health Science Anatomy & Physiology | 1 |
| | 8417110 Health Science Foundations | 1 |
| | 8417211 Nursing Assistant 3 | 1 |

**Lake-Sumter State
College**

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Points |
|--|---|--------|
| *Nursing (A.S. Degree) RN preferred placement | 1 preferred placement point | 1 |
| AS in Health Information Technology | HSC 1531 Medical Terminology | 2 |
| | HIM 1273 Medical Insurance & Coding I | 3 |
| | CGS 1100 Business Computer Applications | 3 |
| CCC in Healthcare Informatics Specialist | HSC 1531 Medical Terminology | 2 |
| | HIM 1273 Medical Insurance & Coding I | 3 |
| CCC in Medical Information Coder/Biller | HSC 1531 Medical Terminology | 2 |
| | HIM 1273 Medical Insurance & Coding I | 3 |
| CCC in Medical Office Management | HSC 1531 Medical Terminology | 2 |
| | HIM 1273 Medical Insurance & Coding I | 3 |
| | CGS 1100 Business Computer Applications | 3 |
| A.A. Degree | HSC 1531 Medical Terminology | 2 |
| | CGS 1100 Business Computer Applications | 3 |

OPTION B. Earn College Credit through Industry Certification: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|--|---|---|--------------|
| AS in Health Information Technology | NATHA003 Certified Medical Administrative Assistant (CMAA) | HSC 1531 Medical Terminology HIM 1273 Medical Insurance & Coding I | 2 3 |
| | FDMQA002 Certified Nursing Assistant (CNA) | HSC 1531 Medical Terminology | 2 |
| | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |
| CCC in Healthcare Informatics Specialist | NATHA003 Certified Medical Administrative Assistant (CMAA) | HSC 1531 Medical Terminology HIM 1273 Medical Insurance & Coding I | 2 3 |
| | FDMQA002 Certified Nursing Assistant (CNA) | HSC 1531 Medical Terminology HIM 1273 Medical Insurance & Coding I | 2 3 |
| CCC in Medical Information Coder/Biller | NATHA003 Certified Medical Administrative Assistant (CMAA) | HSC 1531 Medical Terminology HIM 1273 Medical Insurance & Coding I | 2 3 |
| | FDMQA002 Certified Nursing Assistant (CNA) | HSC 1531 Medical Terminology | 2 |
| CCC in Medical Office Management | NATHA003 Certified Medical Administrative Assistant (CMAA) | HSC 1531 Medical Terminology HIM 1273 Medical Insurance & Coding I | 2 3 |
| | FDMQA002 Certified Nursing Assistant (CNA) | HSC 1531 Medical Terminology | 2 |
| | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, Power Point, Access | CGS 1100 Business Computer Applications | 3 |
| A.A. Degree | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name | Credits |
|-------------------------|--|----------------|
| Applied Cybersecurity | 8207310 Intro to Info Tech or Digital Info Tech | 1 |
| | 9001320 Computer & Network Security Fundamentals | 1 |
| | 9001330 Cybersecurity Essentials | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study * primary entry program | Course Number and Name | Credit Hours |
|--|---|---------------------|
| *AS in Computer Information Technology | CGS 1100 Business Computer Applications | 3 |
| | CET 2180 A+ Hardware | 3 |
| | CET 1179C A+ Software | 3 |
| | CET 1485 Networking Essentials | 3 |
| | CET 2660 Network Security Fundamentals | 3 |
| | CAP 2140 Digital Forensics I | 3 |
| | CAP 2141 Digital Forensics II | 3 |
| *CCC in Information Technology Analysis | CGS 1100 Business Computer Applications | 3 |
| | CET 2180 A+ Hardware | 3 |
| | CET 1179C A+ Software | 3 |
| | CET 1485 Networking Essentials | 3 |
| | CET 2660 Network Security Fundamentals | 3 |
| *CCC in Digital Forensics | CGS 1100 Business Computer Applications | 3 |
| | CET 2180 A+ Hardware | 3 |
| | CET 1179C A+ Software | 3 |
| | CET 1485 Networking Essentials | 3 |
| | CET 2660 Network Security Fundamentals | 3 |
| | CAP 2140 Digital Forensics I | 3 |
| | CAP 2141 Digital Forensics II | 3 |
| AS in Business Administration | CGS 1100 Business Computer Applications | 3 |
| AS in Criminal Justice Technology | | |
| AAS in Electrical Distribution Technology | | |
| CCC in Electrical Distribution Technology Advanced | | |
| AS in Health Information Technology | | |
| CCC in Medical Office Management | | |
| A.A. Degree Students should consult with an LSSC academic advisor to determine how the number of credits possible impacts the number of credits permitted in the degree | CGS 1100 Business Computer Applications | 3 |
| | CET 2180 A+ Hardware | 3 |
| | CET 1179C A+ Software | 3 |
| | CET 1485 Networking Essentials | 3 |
| | CET 2660 Network Security Fundamentals | 3 |
| | CAP 2140 Digital Forensics I | 3 |
| | CAP 2141 Digital Forensics II | 3 |

OPTION B. Earn College Credit through Industry Certification: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|---|--|---|-----------------|
| AS in Computer Information Technology | MICRO069 Microsoft Office Specialist (MOS)containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |
| CCC in Information Technology Analysis | COMPT006 CompTIA Network+ | CET 1485 Networking Essentials | 3 |
| CCC in Digital Forensics | COMPT008 CompTIA Security+ | CET 2660 Network Security Fundamentals | 3 |
| | COMPT001 CompTIA+ | CET 1179C A+ Software CET 2180 A+ Hardware | 3 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name Lake County requires students to complete three (3) classes. | Credits |
|----------------------------------|---|----------------|
| Business Management and Analysis | 8207310 Intro to Info Tech or Digital Info Tech | 1 |
| | 8215120 Business and Entrepreneurial Principles | 1 |
| | 8203310 Accounting Applications I or | |
| | 8301110 Management and Human Resources | 1 |
| | 8301120 Business Analysis or | |
| | 8215130 Legal Aspects of Business | 1 |

Lake-Sumter State College

OPTION A. Earn College Credit through Career Pathways by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|---|---|---------------------|
| *AS in Business Administration | CGS 1100 Business Computer Applications | 3 |
| *CCC in Business Specialist | | |
| *CCC in Business Operations | | |
| *CCC in Business Management | | |
| AS in Computer Information Technology | | |
| AS in Criminal Justice Technology | | |
| AS in Health Information Technology | | |
| CCC in Electrical Distribution Technology Advanced | | |
| CCC in Information Technology Analysis | | |
| CCC in Medical Office Management | | |
| A.A. Degree | CGS 1100 Business Computer Applications | 3 |

OPTION B. Earn College Credit through Industry Certification: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|-------------------------------------|--|---|---------------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Name | Credits |
|------------------|--|---------|
| | Lake County requires students to complete three (3) classes. | |
| Digital Design | 8207310 Intro to Info Tech or Digital Info Tech | 1 |
| | 8209510 Digital Design I | 1 |
| | 8209520 Digital Design 2 | 1 |
| | 8209530 Digital Design 3 | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study * primary entry program | Course Number and Name | Credit Hours |
|---|---|--------------|
| *AS in Business Administration | CGS 1100 Business Computer Applications | 3 |
| AS in Computer Information Technology | | |
| AS in Criminal Justice Technology | | |
| AS in Health Information Technology | | |
| AAS in Electrical Distribution Technology | | |
| CCC in Business Operations | | |
| CCC in Business Management | | |
| CCC in Digital Forensics | | |
| CCC in Electrical Distribution Technology Advanced | | |
| CCC in Information Technology Analysis | | |
| CCC in Medical Office Management | | |
| A.A. Degree | | |

OPTION B. Earn College Credit through Industry Certification: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|---------------------------------|--|--|-----------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS)containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access AND INTUIT001 QuickBooks | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name | Credits |
|-------------------------------|--|----------------|
| Diversified Career Technology | 8303010 Diversified Career Technology Principles | 1 |
| | 8303020 Diversified Career Technology Applications | 1 |
| | 8303030 Diversified Career Technology Management | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|---|--|---------------------|
| *AS in Business Administration | GEB 1011 Introduction to Business CGS 1100 Business Computer Applications | 3 3 |
| *CCC in Business Specialist | | |
| *CCC in Business Operations | | |
| *CCC in Business Management | | |
| A.A. Degree | | |

OPTION B. Earn *College Credit through Industry Certification*: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|-------------------------------------|--|---|---------------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name | Credits |
|--------------------------------|---|---------|
| Electronic Business Enterprise | 8207310 Intro to Info Tech or Digital Info Tech | 1 |
| | 8200340 Introduction to E Commerce | 1 |
| | 8200350 E Commerce Entrepreneurship | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|--|---|--------------|
| *AS in Business Administration | CGS 1100 Business Computer Applications GEB 1136 Introduction to eBusiness | 3 3 |
| *CCC in Business Specialist | | |
| *CCC in Business Operations | | |
| *CCC in Business Management | | |
| A.A. Degree | | |

OPTION B. Earn *College Credit through Industry Certification*: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|------------------------------|--|---|--------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name | Credits |
|-----------------------------------|--|---------|
| | Lake County requires students to complete three (3) classes. | |
| Energy Technician (Power Academy) | 8006110 Energy Industry Fundamentals | 1 |
| | 8727210 Electricity I | 1 |
| | 8006120 Introduction to Alternative Energy | 1 |
| | 8727220 Electricity II | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|--|--|--------------|
| *AAS in Electrical Distribution Technology | ETP 1101C Basic Electricity for Line Workers | 3 |
| *CCC in Electrical Distribution Technology Basic | ETP 1101C Basic Electricity for Line Workers | 3 |
| *CCC in Electrical Distribution Technology Advanced | ETP 1101C Basic Electricity for Line Workers | 3 |
| A.A. Degree | ETP 1101C Basic Electricity for Line Workers | 3 |

OPTION B. Earn *College Credit through Industry Certification*: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| | | | |
|------------------------|---|--|---|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |
|------------------------|---|--|---|

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name Lake County requires students to complete three (3) classes. | Credits |
|----------------------|--|---------|
| Engineering Pathways | 8600550 Introduction to Engineering Design | 1 |
| | 8600520 Principals of Engineering | 1 |
| | 8600530 Digital Electronics | 1 |
| | 8600560 Computer Integrated Manufacturing or | 1 |
| | 8600590 Civil Engineering and Architecture or | 1 |
| | 8600650 Engineering Design and Development | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam). Refer to Manufacturing Skill Standards Council (MSSC) and Certified Production Technician (CPT) study guides for test preparation for ETI 1420C and ETM 1010C.

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|--|--|--------------|
| *AS in Engineering Technology Substation and Relay Technology Specialization | ETI 1084C Introduction to Electronics | 3 |
| | ETD 1320C Introduction to AutoCAD | 3 |
| | ETI 1420C Manufacturing Materials and Processes | 3 |
| | ETM 1010C Mechanical Measurement and Instrumentation | 3 |
| | | |
| *CCC in Engineering Technology Support Specialist Technical Certificate | ETI 1084C Introduction to Electronics | 3 |
| | ETD 1320C Introduction to AutoCAD | 3 |
| | ETI 1420C Manufacturing Materials and Processes | 3 |
| | ETM 1010C Mechanical Measurement and Instrumentation | 3 |
| | | |
| A.A. Degree | ETI 1084C Introduction to Electronics | 3 |
| | ETD 1320C Introduction to AutoCAD | 3 |
| | ETI 1420C Manufacturing Materials and Processes | 3 |
| | ETM 1010C Mechanical Measurement and Instrumentation | 3 |
| | | |

OPTION B. Earn College Credit through Industry Certification: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|--|--|--|-----------------|
| CCC in Engineering Technology Support Specialist AS in Engineering Technology Substation and Relay Technology Specialization | <i>CREDIT for ONE of the following:</i> <ul style="list-style-type: none"> • SOLID003 Certified Solidworks Associate • ADESK011 Autodesk Certified User – Autodesk Inventor • ADESK024 Autodesk Certified Professional – Inventor | ETD 1320C Introduction to AutoCAD | 3 |
| AS in Engineering Technology Substation and Relay Technology Specialization | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name | Credits |
|-------------------------|--|----------------|
| Entrepreneurship | 8812110 Principles of Entrepreneurship | 1 |
| | 8812120 Business Management & Law | 1 |
| | 8812000 Business Ownership | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|---|---|---------------------|
| *AS in Business Administration | ENT 1000 Introduction to Entrepreneurship | 3 |
| A.A. Degree | ENT 1000 Introduction to Entrepreneurship | 3 |

OPTION B. Earn *College Credit through Industry Certification*: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|-------------------------------------|--|---|---------------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access AND INTUIT001 QuickBooks | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name Lake County requires students to complete three (3) classes. | Credits |
|---------------------------------------|---|----------------|
| Game/Simulation/Animation Programming | 8208110 Game & Simulation Foundations | 1 |
| | 8208120 Game & Simulation Design | 1 |
| | 8208330 Game & Simulation Programming | 1 |
| | 8208340 Multi-User Game & Simulation Programming | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|---|--------------------------------------|---------------------|
| *AS in Computer Information Technology | COP 1000 Introduction to Programming | 3 |
| | COP 2800 Programming with Java | 3 |
| A.A. Degree | COP 1000 Introduction to Programming | 3 |
| | COP 2800 Programming with Java | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name | Credits |
|------------------------|--|---------|
| | Lake County requires students to complete three (3) classes. | |
| International Business | 8207310 Intro to Info Tech or Digital Info Tech | 1 |
| | 8203310 Accounting Applications I | 1 |
| | 8216110 International Business Systems | 1 |
| | 8216130 International Finance and Law; Business Internship | 1 |

Lake-Sumter State College

OPTION A. Earn College Credit through Career Pathways by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|--|--|--------------|
| *AS in Business Administration | CGS 1100 Business Computer Applications GEB 1011 Introduction to Business | 3 3 |
| *CCC in Business Specialist | | |
| *CCC in Business Operations | | |
| *CCC in Business Management | | |
| AS in Computer Information Technology | CGS 1100 Business Computer Applications | 3 |
| AS in Criminal Justice Technology | | |
| AS in Health Information Technology | | |
| AAS in Electrical Distribution Technology | | |
| CCC in Digital Forensics | | |
| CCC in Electrical Distribution Technology Advanced | | |
| CCC in Information Technology Analysis | | |
| CCC in Medical Office Management | CGS 1100 Business Computer Applications GEB 1011 Introduction to Business | 3 3 |
| A.A. Degree | | |

OPTION B. Earn College Credit through Industry Certification: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|---|---|--|-------------------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access AND INTUIT001 QuickBooks | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name Lake County requires students to complete three (3) classes. | Credits |
|---------------------------------|--|----------------|
| Legal Administrative Specialist | 8207310 Intro to Info Tech or Digital Info Tech | 1 |
| | 8212110 Administrative Office Technology 1 | 1 |
| | 8212120 Business Software Applications 1 | 1 |
| | 8215130 Legal Aspects of Business | 1 |

Lake-Sumter State College

OPTION A. Earn College Credit through Career Pathways by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|---|--|---------------------|
| *AS in Business Administration | CGS 1100 Business Computer Applications | 3 |
| *CCC in Business Specialist | | |
| *CCC in Business Operations | | |
| *CCC in Business Management | | |
| AS in Computer Information Technology | | |
| AS in Criminal Justice Technology | | |
| AS in Health Information Technology | | |
| AAS in Electrical Distribution Technology | | |
| CCC in Digital Forensics | | |
| CCC in Electrical Distribution Technology Advanced | | |
| CCC in Information Technology Analysis | | |
| A.A. Degree | CGS 1100 Business Computer Applications CTS 1101 Microsoft Windows – Introduction | 3 3 |

OPTION B. Earn College Credit through Industry Certification: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|---------------------------------|---|--|-----------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access AND INTUIT001 QuickBooks | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Number and Name Lake County requires students to complete three | Credits |
|--|--|------------------|
| Marketing, Management & Entrepreneurial Principles | 8827110 Marketing Essentials 8827120 Marketing Applications 8827130 Marketing Management 8812000 Business Ownership | 1 1 1 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|---|---|---------------------|
| *AS in Business Administration | GEB 1011 Introduction to Business MAR 2011 Principles of Marketing | 3 3 |
| *CCC in Business Specialist | | |
| *CCC in Business Operations | | |
| *CCC in Business Management | | |
| A.A. Degree | GEB 1011 Introduction to Business MAR 2011 Principles of Marketing | 3 3 |

OPTION B. Earn *College Credit through Industry Certification*: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|-------------------------------------|--|---|---------------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |

Lake County Schools Secondary Schools

| Program of Study | Course Name | Credits |
|------------------|---|---------|
| Web Development | 8207310 Intro to Info Tech or Digital Info Tech | 1 |
| | 9001110 Foundations of Web Design | 1 |
| | 9001120 User Interface Design | 1 |

Lake-Sumter State College

OPTION A. Earn *College Credit through Career Pathways* by taking and passing the LSSC common assessment (Credit by Exam):

| Lake-Sumter Program of Study *primary entry program | Course Number and Name | Credit Hours |
|--|---|--------------|
| *AS in Computer Information Technology | CGS 1100 Business Computer Applications CGS 1820 Web Programming | 3 3 |
| *CCC in Information Technology Analysis | CGS 1100 Business Computer Applications | 3 |
| AS in Business Administration | | |
| AS in Criminal Justice Technology | | |
| AS in Health Information Technology | | |
| AAS in Electrical Distribution Technology | | |
| CCC in Business Operations | | |
| CCC in Business Management | | |
| CCC in Digital Forensics | | |
| CCC in Electrical Distribution Technology Advanced | | |
| CCC in Medical Office Management | | |
| A.A. Degree | CGS 1100 Business Computer Applications CGS 1820 Web Programming | 3 3 |

OPTION B. Earn *College Credit through Industry Certification*: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|------------------------------|--|---|--------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |

**2020-2021 CAREER PATHWAYS ARTICULATION
CAREER PATHWAYS COURSE EQUIVALENCE**

OPTION B. Earn *College Credit through Industry Certification*: Students obtaining the following industry certification(s) will be awarded credit in the specified program for the postsecondary course(s) listed below:

| Lake-Sumter Program of Study | Industry Certification | Course Number and Name | Credit Hours |
|---|---|--|-------------------------|
| All listed in Option A | MICRO069 Microsoft Office Specialist (MOS) containing at least 3 of these 4 components: Word, Excel, PowerPoint, Access | CGS 1100 Business Computer Applications | 3 |

2020-2021 CAREER PATHWAYS ARTICULATION CAREER PATHWAYS COURSE EQUIVALENCE

APPENDIX A

Credit by Exam Process for 2020-2021

Background

High School graduates who have completed a high school Career and Technical Education (CTE) program and earned a Career Pathways Certificate may be eligible to receive college credits in specific LSSC Workforce programs such as an Associate in Science degree, Associate in Applied Science degree, or College Credit Certificate.

LSSC provides students with the opportunity to exempt specific courses by taking and passing an assessment. Students must complete a Request for Credit by Exam form and return it to the Learning Center by designated dates each semester detailed on the academic registration calendar. Students who pass the exams will receive credit for the course with a grade of S (Satisfactory).

Current Articulation Agreement with Lake County Schools:

1. **Eligible students must take and pass the LSSC common assessment (Credit by Exam) for courses listed in the articulation agreement.** The student must enroll and attend Lake-Sumter State College after high school graduation or as a Collegiate High School Early Admissions student in order to receive the credit earned by the LSSC common assessment (Credit by Exam). LSSC will award the credit up to 24 months from the time of high school graduation.
2. The LSSC common assessment (Credit by Exam) study guide, prepared by LSSC program faculty for each program area will be shared with high school faculty. The LSSC common assessment (Credit by Exam) may be written, portfolio, performance-based or a combination thereof. LSSC will provide high school faculty, upon written request, the opportunity to take the LSSC common assessment (Credit by Exam).
3. The student must present the Career Pathways Certificate of Completion verifying the successful completion of the technical courses, to LSSC's Workforce Development Office.
4. Student must complete a Request for Credit by Exam Form.
 - a. Form must be submitted to the Learning Center prior to exam.
 - b. Faculty gives test on dates determined by Testing Center.
5. Forms returned by faculty to Workforce office.
 - a. Sr. Mgr. of Workforce submits form to Registrar to enter grades.

Proposed Policy

In efforts to increase the number of students using Credit by Exam (CBE), Lake-Sumter State College (LSSC), in collaboration with the LSSC testing center and Lake County schools, is seeking to improve their existing processes for implementing high school articulation agreements and the subsequent awarding of credit by Credit by Exam. This proposed policy will outline procedures in identifying Career Pathways students and reduce barriers to provide more students the opportunity to earn college credit at LSSC.

1. The high school student must have completed a Career Pathways (CP) program or be in their last CP course and have passed any CP courses with a C or better.

Lake County Schools will:

- o Provide roster to LSSC listing all students classified as CP students with data (name, email, CP program, grades in CP classes, year in school, and any Industry Certifications earned).

**2020-2021 CAREER PATHWAYS ARTICULATION
CAREER PATHWAYS COURSE EQUIVALENCE**

LSSC will:

- Provide letters to school district for CP teachers to distribute to qualified students.
- Send emails to qualified students.
 - Registration form (Woofoo form) included in email.
- Provide study guides to school districts.
- Send roster of registered students to IT to create LSSC student ID number.
- Send roster of registered students, with ID, to eLearning to enroll student in Canvas shell.
- Send roster to testing center through Canvas (no later than 3 weeks before test date). Students cannot be added after this date.
- Track student information, testing data, and forms.

2. Testing, dates and locations. No charge to student or schools per articulation agreement. Student will have opportunity to take CBE in fall and/or spring semester.

Lake County Schools will:

- Bus students to LSSC campus.

LSSC will:

- Determine dates for testing in fall and spring (dates to be determined).
- Provide testing at Leesburg testing center, 24 computers available.
 - Maximum of 24 students per testing date.
- Provide testing at South Lake testing center, 24 computers available.
 - Maximum of 24 students per testing date.
- Oversee student sign in at LSSC testing center.
 - Must present picture ID.
 - Must sign waiver for release of scores.
- Provide proctors for exams.
- Administer tests through Canvas.
 - Program Managers and instructors send written tests through Canvas and tests are auto scored.
 - Hands on tests given and graded by LSSC instructors.
- Provide test scores - student must pass assessment with 70% or better.

3. Follow up with students upon completion of CBE tests.

LSSC will:

- Send letters to students to inform them of test results.
- Send letters to passing students stating they received (X) amount of credits, saving (X) amount of money once they are admitted to LSSC:
 - Flyer that informs them of how to receive credit.
 - Online Woofoo form to be completed by student.

4. Student graduates from high school and enrolls at LSSC in appropriate program of study.

LSSC will:

- Submit form to Registrar with list of eligible students and grades.
 - Registrar will put credits in escrow until student completes one semester at LSSC, or a minimum of 6 credit hours, with a grade of C or better.

5. Articulated credits will be applied to Associate in Science or college certificate program as applicable.

6. The student must apply for the postsecondary credit **within 24 months** after their high school graduation.