

**CAREER PATHWAYS ARTICULATION AGREEMENT BETWEEN
THE SCHOOL BOARD OF VOLUSIA COUNTY, FLORIDA and
DAYTONA STATE COLLEGE**

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

I. Articulation with Daytona State College

To articulate courses taken in a Career and Technical Education (CTE) Career Pathways Program of Study at the School Board’s, Secondary Schools to DSC, students must meet the following requirements to earn college credit:

1. Be considered a Career Pathways student, defined as a student enrolled in sequenced, high school courses required in a CTE program that leads to attainment of a related postsecondary certificate and/or A.S. degree.
2. Pass the specified high school courses identified on the CTE Career Pathways Program of Study in a career and technical program with a minimum grade point average (GPA) of 3.0.
3. Meet DSC regular admission requirements, including appropriate placement and course prerequisite requirements of the college.
4. Validate academic and technical skills in any combination of the following ways:
 - **OPTION A** (*Credit by Exam*)
Take and pass the DSC common assessment (Credit by Exam) for courses listed on the Career Pathways Program of Study Articulation contained within this agreement.
 - **OPTION B** (*Industry Certification*)
Earn an industry certification(s) that corresponds to a DSC program, while enrolled in a Career Pathways Program of Study. 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, DSC faculty will review the certification to determine equivalence.

II. DSC Common Assessment and Course Equivalency

The DSC common assessment (*Credit by Exam*) study guide, prepared by DSC program faculty for each program area will be shared with high school faculty. The DSC common assessment (*Credit by Exam*) is a timed and proctored exam. The exam may be written, portfolio, performance-based or a combination, thereof. DSC will provide high school faculty, upon written request, the opportunity to take the DSC common assessment (*Credit by Exam*).

Faculty and staff on the academic/technical discipline subcommittees have examined and compared the competencies within the CTE courses to be articulated from the high school curriculum to the postsecondary institutions to determine the equivalency of the content. Each subcommittee will develop and regularly update the discipline-specific Program of Study content equivalency descriptions.

III. Validation Mechanism

The student must present a high school transcript verifying the successful completion of the high school CTE courses with a minimum GPA of 3.0, and a copy of the industry certification earned, if applicable, to DSC's Admissions and Records offices. Otherwise, the student must earn a passing score of 70% or higher on the DSC Assessment. The DSC program department will provide the DSC Admissions and Records offices with the passing score.

IV. Limitations

Students must enroll at DSC in the certificate or A.S. degree program specified herein within three (3) years of high school graduation in order to redeem the college credit. Students who enroll after three years may be eligible for the awarding of credits on a course-by-course basis at the discretion of DSC.

Awarded credits will appear on the student's transcript after completion and passage of at least 25 percent of the college credits required for the specified certificate or A.S. degree program.

V. Terms of Agreement

This agreement shall be in effect July 1, 2020 and may be renewed annually if both parties agree to do so. It is understood that this agreement is subject to review on an annual basis. Either party may terminate this agreement with ninety (90) days written notice. Revisions to the Career Pathways articulations will be made with the approval of the School Board and the Daytona State College District Board of Trustees.

APPROVED:

**THE DISTRICT SCHOOL BOARD OF VOLUSIA
COUNTY, FLORIDA**

Dr. Carmen Balgobin, Interim Superintendent Date

Ida Wright, Chairperson Date

Bree Castelli, CTE Coordinator Date

APPROVED:

DAYTONA STATE COLLEGE

Thomas LoBasso, President Date

Randall B. Howard, Chairperson Date

Amy Locklear, Provost Date

DSC and VCS Career Pathways Articulation Agreement

High School CTE Career Pathway Program of Study: Advanced Manufacturing Technology (9200200)

Daytona State College Programs: Drafting and Design Technology, A.S.
Drafting and Design Technology, A.S. Certificate

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Courses	Credits to be Awarded
9200210 Advanced Manufacturing Technology 1 9200220 Advanced Manufacturing Technology 2 9200230 Advanced Manufacturing Technology 3 OPTIONAL 9200240 Advanced Manufacturing Technology 4 9200250 Advanced Manufacturing Technology Capstone	Industry Certification: <ul style="list-style-type: none"> ▪ Autodesk Certified User - Inventor <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ▪ MSSC Certified Production Technician (CPT) 	ETD2357C Inventor Solid Modeling and Lab <i>(3 credits)</i> AND EGN1111C Engineering Drawing and Lab <i>(3 credits)</i>	6
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned			

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High School CTE Career Pathway Program of Study: Allied Health Assisting (8417130)

Daytona State College Programs: Occupational Therapy Assistant, A.S.
Optician Technology, A.S.
Practical Nursing, Vocational Certificate

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8417100 Health Science Anatomy & Physiology 8417110 Health Science Foundations 8417131 Allied Health Assisting 3	At least <u>one</u> of the following Industry Certifications: <ul style="list-style-type: none"> ▪ Certified Medical Administrative Assistant (CMAA) ▪ Certified Nursing Assistant (CNA) ▪ Certified EKG Technician ▪ Certified Patient Care Technician (CPCT) ▪ Emergency Medical Responder (EMR) <p style="text-align: center;">OR</p> Proctored and Timed DSC Assessment Exam	HSC1000 Introduction to Health Care	3
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned OR Passing score of 70% or higher on the DSC Assessment Exam			

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High School CTE Career Pathway Program of Study: Applied Cybersecurity (9001300)

Daytona State College Programs:

- Computer Engineering Technology, A.S.
- Computer Information Technology, A.S.
- Computer Programming, A.S. Certificate
- Computer Programming and Analysis, A.S.
- Database Technology, A.S.
- Information Technology Analysis, A.S. Certificate
- Network Server Administration, A.S. Certificate
- Network Systems Technology, A.S.
- Web Development Specialist, A.S. Certificate

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8207310 Digital Information Technology OR 9001310 IT Fundamentals AND 9001320 Computer & Network Security Fundamentals	Industry Certification: <ul style="list-style-type: none"> ▪ CompTIA Network+ 	CET1600 Network Plus	3
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned			

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High School CTE Career Pathway Program of Study: Applied Robotics (9410100)

Daytona State College Programs: Applied Technology Specialist, A.S Certificate
 Computer Engineering Technology, A.S.
 Electronics Engineering Technology, A.S.
 Engineering Technology, A.S.
 Engineering Technology Support Specialist, A.S. Certificate

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
9410110 Foundations of Robotics	Proctored and Timed DSC Assessment Exam	EET1011C Introduction to Electrical Circuits and Lab	3
9410120 Robotic Design Essentials			
9410130 Robotic Systems			
OPTIONAL 9410140 Robotic Applications Capstone			
Validation Mechanism			
<ol style="list-style-type: none"> 1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. Passing score of 70% or higher on the DSC Assessment Exam 			

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High School CTE Career Pathway Program of Study: Computer Systems Information Technology (9001200)

Daytona State College Programs:

- Computer Engineering Technology, A.S.
- Computer Information Technology, A.S.
- Computer Programming, A.S. Certificate
- Computer Programming and Analysis, A.S.
- Database Technology, A.S.
- Information Technology Analysis, A.S. Certificate
- Network Server Administration, A.S. Certificate
- Network Systems Technology, A.S.
- Web Development Specialist, A.S. Certificate

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8207310 Digital Information Technology OR 9001210 CSIT Foundations AND 9001230 CSIT Network Systems Configuration	Industry Certification: <ul style="list-style-type: none"> ▪ CompTIA Network+ 	CET1600 Network Plus	3
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned			

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High School CTE Career Pathway Program of Study: Culinary Arts (8800500)

Daytona State College Programs: Baking and Pastry, A.S. Certificate
 Culinary Management, A.S.
 Hospitality Management A.S.

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8800510 Culinary Arts 1	Industry Certification: <ul style="list-style-type: none"> ▪ Certified Food Protection Manager (ServSafe®) <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ▪ National ProStart Certificate of Achievement 	FOS1201 Sanitation and Safety	3
8800520 Culinary Arts 2			
8800530 Culinary Arts 3			
OPTIONAL 8800540 Culinary Arts 4			
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned			

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High School CTE Career Pathway Program of Study: Culinary Arts (8800500)

Daytona State College Program: Culinary Arts, A.S. Certificate

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8800510 Culinary Arts 1	Industry Certification: <ul style="list-style-type: none"> ▪ Certified Food Protection Manager (ServSafe®) <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ▪ National ProStart Certificate of Achievement 	FOS1201 Sanitation and Safety <i>(3 credits)</i>	6
8800520 Culinary Arts 2		<u>AND</u>	
8800530 Culinary Arts 3		HUN1203 Culinary Nutrition <i>(3 credits)</i>	
OPTIONAL 8800540 Culinary Arts 4			
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned			

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High School CTE Career Pathway Program of Study: Digital Media/Multimedia Design (8201200)

Daytona State College Program: Digital and Interactive Media Production, A.S.

High School Course Number and Title	Industry Certification AND DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8201210 Digital Media/Multimedia Foundations 1	Industry Certification: <ul style="list-style-type: none"> ▪ Adobe Certified Associate (ACA) - Photoshop <p style="text-align: center;">AND</p> Proctored and Timed DSC Assessment Exam (Portfolio Evaluation)	DIG2000 Introduction to Digital Media	3
8201220 Digital Media/Multimedia Foundations 2			
8201230 Digital Media/Multimedia Foundations 3			
OPTIONAL 8201240 Digital Media/Multimedia Foundations 4			
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned AND Passing score of 70% or higher on the DSC Assessment Exam (Portfolio Evaluation)			

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High School CTE Career Pathway Program of Study: Digital Photography Technology (8201300)

Daytona State College Program: Digital and Interactive Media Production, A.S.

High School Course Number and Title	Industry Certification AND DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8201310 Digital Photography 1	Industry Certification: <ul style="list-style-type: none"> ▪ Adobe Certified Associate (ACA) - Photoshop <p style="text-align: center;">AND</p> Proctored and Timed DSC Assessment Exam (Portfolio Evaluation)	PGY1800 Photography and Image Making	4
8201320 Digital Photography 2			
8201330 Digital Photography 3			
OPTIONAL 8201340 Digital Photography 4			
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned AND Passing score of 70% or higher on the DSC Assessment Exam (Portfolio Evaluation)			

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High School CTE Career Pathway Program of Study: Digital Video Technology (8201400)

Daytona State College Program: Digital and Interactive Media Production, A.S.

High School Course Number and Title	Industry Certification AND DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8201410 Digital Video Technology 1	Industry Certification: ■ Adobe Certified Associate (ACA) - Premiere Pro <p style="text-align: center;">AND</p> Proctored and Timed DSC Assessment Exam (Portfolio Evaluation)	PGY2750 Introduction to Video Production	4
8201420 Digital Video Technology 2			
8201430 Digital Video Technology 3			
OPTIONAL 8201440 Digital Video Technology 4			
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned AND Passing score of 70% or higher on the DSC Assessment Exam (Portfolio Evaluation)			

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High School CTE Career Pathway Program of Study: Emergency Medical Responder (8417170)

Daytona State College Programs: Occupational Therapy Assistant, A.S.
Optician Technology, A.S.
Practical Nursing, Vocational Certificate

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8417100 Health Science Anatomy & Physiology 8417110 Health Science Foundations 8417171 Emergency Medical Responder 3	At least <u>one</u> of the following Industry Certifications: <ul style="list-style-type: none"> ▪ Certified Medical Administrative Assistant (CMAA) ▪ Certified Nursing Assistant (CNA) ▪ Certified EKG Technician ▪ Certified Patient Care Technician (CPCT) ▪ Emergency Medical Responder (EMR) <p style="text-align: center;">OR</p> Proctored and Timed DSC Assessment Exam	HSC1000 Introduction to Health Care	3
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned OR Passing score of 70% or higher on the DSC Assessment Exam			

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High School CTE Career Pathway Program of Study: Finance (8815100)

Daytona State College Programs: Accounting Technology, A.S. Degree
 Accounting Technology Operations - Tax Preparation, A.S. Certificate
 Accounting Technology Management, A.S. Certificate

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Courses	Credits to be Awarded
8207310 Digital Information Technology OR 8815150 Business Communication and Technology AND 8203310 Accounting Applications 1 <i>(no substitutions)</i> 8815120 Personal Finance	Proctored and Timed DSC Assessment Exam	APA1111 Office Accounting I <i>(3 credits)</i> AND FIN1100 Personal Financial Planning <i>(3 credits)</i>	6
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. Passing score of 70% or higher on the DSC Assessment Exam			

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High School CTE Career Pathway Program of Study: Finance (8815100)

Daytona State College Programs: Business Administration, A.S. Degree
 Business Management, A.S. Certificate
 Business Operations - Entrepreneurship, A.S. Certificate

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8207310 Digital Information Technology OR 8815150 Business Communication and Technology AND 8203310 Accounting Applications 1 <i>(no substitutions)</i> 8815120 Personal Finance	Proctored and Timed DSC Assessment Exam	APA1111 Office Accounting I <i>(3 credits)</i> OR FIN1100 Personal Financial Planning <i>(3 credits)</i>	3
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. Passing score of 70% or higher on the DSC Assessment Exam			

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High School CTE Career Pathway Program of Study: Finance (8815100)

Daytona State College Program: Office Administration (General, Legal or Medical Specializations), A.S. Degree

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8207310 Digital Information Technology OR 8815150 Business Communication and Technology AND 8203310 Accounting Applications 1 (<i>no substitutions</i>) 8815120 Personal Finance	Proctored and Timed DSC Assessment Exam	APA1111 Office Accounting I	3
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. Passing score of 70% or higher on the DSC Assessment Exam			

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High School CTE Career Pathway Program of Study: Game/Simulation/Animation Programming (8208300)

Daytona State College Programs:

- Computer Programming and Analysis, A.S.
- Computer Engineering Technology, A.S.
- Computer Information Technology, A.S.
- Computer Programming, A.S. Certificate
- Database Technology, A.S.
- Electronics Engineering Technology, A.S.
- Network Systems Technology, A.S.
- Simulation and Robotics Technology, A.S.
- Web Development Specialist, A.S. Certificate

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8208110 Game & Simulation Foundations	Proctored and Timed DSC Assessment Exam	COP1000 Principles of Computer Programming	3
8208120 Game & Simulation Design			
8208330 Game & Simulation Programming			
OPTIONAL 8208340 Multi-User Game & Simulation Programming			
Validation Mechanism			
<ol style="list-style-type: none"> 1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. Passing score of 70% or higher on the DSC Assessment Exam 			

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High School CTE Career Pathway Program of Study: Hospitality and Tourism Management (8703100)

Daytona State College Programs: Baking and Pastry, A.S. Certificate
 Culinary Arts, A.S. Certificate
 Culinary Management, A.S.
 Hospitality Management A.S.

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8850110 Introduction to Hospitality & Tourism	Industry Certification: <ul style="list-style-type: none"> ▪ Certified Food Protection Manager (ServSafe®) <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ▪ National ProStart Certificate of Achievement 	FOS1201 Sanitation and Safety	3
8703110 Technology for Hospitality & Tourism			
8703120 Hospitality & Tourism Marketing Management			
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned			

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High School CTE Career Pathway Program of Study: Principles of Teaching (8909000)

Daytona State College Programs: Associate of Arts – Bachelor of Science in Education (BSED) Track

High School Course Number and Title	Industry Certification OR DSC Assessment	Equivalent DSC Course	Credits to be Awarded
8909010 Introduction to the Teaching Profession	Industry Certification: ▪ Florida General Knowledge Test (GKT) OR Proctored and Timed DSC Assessment Exam (Portfolio Evaluation)	EDF1005 Introduction to the Teaching Profession	3
8909020 Human Growth and Development			
8909030 Foundations of Curriculum and Instruction			
OPTIONAL 8909040 Principles of Teaching Internship			
Validation Mechanism			
1. High School transcript noting: <ul style="list-style-type: none"> ○ Completion of high school CTE courses AND ○ Cumulative GPA of 3.0 or higher 2. A copy of the Industry Certification earned OR Passing score of 70% or higher on the DSC Assessment Exam (Portfolio Evaluation)			