

# Career Pathway Plans of Study



## Bridging the Gap: High School to College

### A Seamless Transition

## When You Plan, Plan for Success !

Planning ahead for high school courses and beyond will provide the needed requirements for graduation, higher education and work.

Career Pathway Plans of Study (CPPOS) are designed to help you make informed decisions that will affect your future. Think of it as a road map. Just as you use a road map, a CPPOS can help you navigate where you want to go how you want to get there.

A CPPOS offers seamless, well-connected programs that include academic content and the opportunity to acquire valuable credentials recognized by business and industry. These programs allow students to create a flexible personal plan of study based on their individual interest, abilities, and career choices.

For More information contact your guidance counselor or Kim Runion, Tech Prep Director, Department of Education  
21 Fruit Street, Concord, NH 03301 603-271-7977  
www.ed.state.nh.us/techprep www.careerclusters.org

Ask your guidance counselor today for Career Pathway Plans of Study available at your school and CTE Center, or go to www.ed.state.nh.us/techprep



This document represents an individual education and career planning tool including both secondary and postsecondary coursework

Icon identifies which career cluster this plan of study represents. It is the program concentration that represents a grouping of occupations according to common knowledge and skills for the purpose of organizing educational programs and curricula. Information at: www.careerclusters.org

This line identifies the CTE center, their career pathway concentration and the 2 and/or 4 year college program that it aligns to.

**CPPOS Key:**  
Black = High School Graduation Requirement  
*Italic* = Course contains imbedded high school graduation credit  
**Bold** = Prerequisite for college success  
**Bold and Underlined** = Articulated Credit (Credit available with listed college in accordance with agreements)  
**BOLD, UNDERLINED & ALL CAPS** = Transcribed Dual Enrollment Credit (Credit available according to policy)

This Career Pathway Plan of Study can serve as a guide. Courses listed within this plan are only recommended coursework and should be individualized to meet your educational and career goals.

**Career Pathway Plan of Study for ▶ Learners ▶ Parents ▶ Counselors ▶ Teachers/Faculty**

**Icon** – Arts, A/V Technology & Communications  
**Black** – Prerequisite for College Success  
**Black** – High School Requirement  
**Bold & Underlined** – Articulated Credit  
**Italic** – Imbedded Academic Core Credit  
**BOLD, UNDERLINED & ALL CAPS** – Transcribed Dual Enrollment Credit

Grade	English/ Language Arts	Math	Science	Social Studies /Sciences	Other Required Courses (R) Recommended Electives (E)	*Career and Technical Courses and/or Degree Major Courses	SAMPLE Occupations Relating to This Pathway
9	English 9 or Elements	Algebra 1	Physical Science	Global Studies	Info Tech (R) Fine Arts (R)		▶ Computer Animator ▶ Computer Typographer and Composition Operator ▶ Engineer ▶ Game Designer ▶ Graphics Equipment Operator ▶ Lithographer ▶ Manager ▶ Plate Maker ▶ Pre-Production Technician ▶ Printing Equipment Operator ▶ Production Coordinator ▶ Production Manager ▶ Web Page Designer
10	English 10 or Elements or English 10 honors	Geometry	Biology	Economics Civics	Health (R) Physical Education (R)	Graphic Communications Careers	
11	American/British Lit or English 11 or Elements or English Honors	Algebra 2	Chemistry (E)	US History		Graphic Arts 11	
12	American or British Lit or English 12 or Elements or AP English	Advanced Algebra & Trig or Pre-Calculus (E)	Physics (E)	<b>PSYCH (E)</b>		<b>Graphic Arts 12</b>	
Associate in Applied Science Degree: Graphic Arts/Print Technology							
13	College Writing One of the following: Technical Writing Public Speaking	Business Mathematics				<b>Introduction to Printing</b> Copy Preparation Techniques Copy Preparation Operations <b>Offset Preparation</b> Duplicator & Finishing Operations Litho Printing & Binding Theory Litho Printing & Binding Operations Web Press Theory Introduction to Printing Estimating Production Experience	<b>Notes:</b> Required for placement in college-level English & Math: ▶ 480 or better on the SAT Reading and Math OR ▶ Accuplacer – above 40th percentile basic computation, algebra and reading portion Writeplacer 7 or better
14		2 Mathematics or Science Electives		Social Science Elective	GAT Elective: Advisor Approved Elective	Advanced Duplicator Operations GAT Elective: One of the following: Letterpress Printing OR Screen Printing One of the following: In-house OR Field Industrial Experience	Students who complete Graphic Arts 2 and meet the criteria set forth in the articulation agreements, are eligible for college credit in: <b>Introduction to Printing</b> <b>Typography</b> <b>Digital Page Layout</b>
Bachelors Degree: Industrial Technology, Industrial Management Concentration							
15	Literature	Pre-Calc or Above Applied Calculus	Physics I w/lab	Reasoning Times Culture	Intro to Computers Performance-centered Fine Arts	Project Management Industrial Org. Mgmt & Supervision Plant Layout & Material Handling Production Control Fundamentals of Quality	
16	Technical Writing	Statistics Financial Accounting Cost Analysis & Control	Physics II or Chemistry	Economics	Capstone History-centered Fine Arts	Teambuilding & Facilitation Human Resource Dev. in Industry Technical Operations & Strategies Ergonomics/Time Study Occupational Safety & Health	

Represents the suggested coursework for students who have chosen a specific field as a

Sample occupations that could be achieved following this pathway.

Required courses for a specific college program

Note section may contain additional information necessary for a seamless transition.

**A well-developed New Hampshire CPPOS creates:**

- A seamless transition from high school to postsecondary to career
- Opportunities for students to earn advanced standing in postsecondary
- A RIGOROUS and RELEVANT education pathway

**And results in:**

- Students, parents and guidance counselors aware of career and postsecondary options and prerequisites
- Students better prepared for college by reducing the need for remedial courses
- Time and money saved with fewer remedial and/or repetitious coursework