



# Bingham CTE Pathways 2025-26

All CTE Pathways require at least 1 Concentrator Course, 1 Completer Course, and a total of 3 credits.

## Agriculture, Food & Natural Resources

Animal & Veterinary Science		
1 Explorer Course Required		Credits
	Animal Science 1	1.0
	Business Comm. 1	.50
	Business Comm. 2	.50
	CTEL 1010	.50
	Equine Science 1	.50
1 Concentrator Course Required		
	Animal Science 2	1.00
1 Completer Course Required		
	CTE Internship	.50

## Architecture & Construction

Interior Design		
1 Explorer Course Required		Credits
	Business Comm. 1	.50
	Marketing 1 OR MKTG 1030	.50
	Interior Design 1 OR INTD 1010	.50
	CAD Architectural Design 1	.50
	Digital Media 1	.50
1 Concentrator Course Required		
	Interior Design 2	.50
1 Completer Course Required		
	Sewing & Textiles 3	.50
	Interior Design 3	.50
	CTE Internship	.50

## Arts, Audio/Visual Technology

Broadcasting & Digital Media		
1 Explorer Course Required		Credits
	Computer Programming 1	.50
	3D Graphics	.50
	Web Development 1	.50
	Digital Media 1	.50
1 Concentrator Course Required		
	Video Production 1	.50
1 Completer Course Required		
	CTE Internship	.50

Fashion Apparel & Textiles		
1 Explorer Course Required		Credits
	Sports Sewing 1	.50
	Digital Media 1	.50
	Sewing 1	.50
	Fashion Design	.50
1 Concentrator Course Required		
	Sewing 2	.50
	Sports Sewing 2	.50
1 Completer Course Required		
	Sewing 3	.50
	CTE Internship	.50

## Business, Finance & Marketing

Business Administration		
1 Explorer Course Required		Credits
	Business Comm. 1	.50
	Business Comm. 2	.50
	Entrepreneurship	.50
	Digital Media 1	.50
	Sports & Entertainment Marketing	.50
	Business Leadership or CTET 1010	.50
	Web Development	.50
	Customer Service OR PS 1403	.50
	Real Estate	.50
	Marketing 1 OR MKTG 1030	.50
1 Concentrator Course Required		
	Business Management or BUS 1010	.50
1 Completer Course Required		
	Entrepreneurship Academy	.50
	CTE Internship	.50

Business Information Management		
1 Explorer Course Required		Credits
	Business Comm. 1	.50
	Business Comm. 2	.50
	Entrepreneurship	.50
	Web Development	.50
	Digital Media 1	.50
	Customer Service OR PS 1403	.50
1 Concentrator Course Required		
	Business Office Specialist	.50
1 Completer Course Required		
	Entrepreneurship Academy	.50
	CTE Internship	.50

Marketing		
1 Explorer Course Required		Credits
	Business Comm. 1	.50
	Business Comm. 2	.50
	Entrepreneurship	.50
	Sports & Entertainment Mktg.	.50
	Digital Media 1	.50
	Web Development	.50
	Marketing 1 OR MKTG 1030	.50
	Customer Service OR PS 1403	.50
1 Concentrator Course Required		
	Retailing OR PS 2383	.50
1 Completer Course Required		
	Entrepreneurship Academy1	.50
	CTE Internship	.50

## Education & Training

Pre-K: Early Childhood Education		
1 Explorer Course Required		Credits
	Child Development	.50
	Foods 1	.50
	Early Childhood Education 1	.50
1 Concentrator Course Required		
	Early Childhood Education 2 (1st semester Preschool)	1.0
	Early Childhood Education 2 (1st semester Childcare Lab)	.50
1 Completer Course Required		
	Early Childhood Education 3 (2nd semester Preschool)	1.0
	Early Childhood Education 3 (2nd semester Childcare Lab)	.50
	CTE Internship	.50

## Engineering & Technology

Engineering		
1 Explorer Course Required		Credits
	CAD Architectural Design 1	.50
	Engineering Principles 1	.50
	Robotics 1	.50
	Welding 1	.50
	Woods 1	.50
	Electronics 1	.50
1 Concentrator Course Required		
	Engineering Principles 2	.50
	Robotics 2	.50
1 Completer Course Required		
	CTE Internship	.50

## Health Science

Health Science		
1 Explorer Course Required		Credits
	Intro to Health Science	1.0
	Medical Terminology	.50
1 Concentrator Course Required		
	Emergency Medical Response or RHS 2300	.50
	Exercise/Sports Medicine OR RHS 2175	1.0
	Medical Forensics	1.0
	Medical Anatomy	1.00
1 Completer Course Required		
	CTE Internship	.50
	Case Studies(2023 or previous)	1.0
	Medical Anatomy and Physiology, Advanced	1.0



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## Hospitality & Tourism

Culinary Arts		
1 Explorer Course Required		Credits
	Foods 1	.50
	Culinary 1	.50
	Customer Service OR PS 1403	.50
1 Concentrator Course Required		
	Culinary 2	1.0
	Prostart 1	1.0
1 Completer Course Required		
	Culinary 3	1.0
	Prostart 2	1.0
	Baking & Pastry	.50
	CTE Internship	.50

Hospitality & Tourism		
1 Explorer Course Required		Credits
	Culinary 1	.50
	Business Comm. 1	.50
	Customer Service OR PS 1403	.50
	Digital Media 1	.50
	Entrepreneurship	.50
	Marketing 1 OR MKTG 1030	.50
	Web Development 1	.50
	Business Office Specialist	.50
1 Concentrator Course Required		
	Hospitality & Tourism	.50
	Event Planning and Management	.50
1 Completer Course Required		
	Entrepreneurship Academy	.50
	CTE Internship	.50

## Manufacturing

Manufacturing & Production		
1 Explorer Course Required		Credits
	Woods 1	.50
1 Concentrator Course Required		
	Woods 2	1.0
1 Completer Course Required		
	Woods 3	.50-1.0
	CTE Internship	.50

Welding & Machining		
1 Explorer Course Required		Credits
	Welding 1	.50
1 Concentrator Course		
	Welding 2	1.0
1 Completer Course		
	Welding Academy	2.0
	CTE Internship	.50

## Transportation, Distribution, & Logistics

Auto Mechanics & Repair		
1 Explorer Course Required		Credits
	Intro to Auto	.50
	Electronics 1	.50
	Welding 1	.50
	Collision Repair	.50
1 Concentrator Course Required		
	ASE Chassis/Engine MLR (Auto 2)	1.0
	Collision Refinishing	1.0
1 Completer Course Required		
	ASE Engine (Auto 3) Steering/Suspension, Electronics	2.0
	CTE Internship	.50

Applications for CTE Pathways will be due  
**April 15, 2026.**

Applications will be available from all CTE teachers at Bingham High.

Cords will be available for pick up after May 15, 2026 from Mrs. Poulsen, CTE Coordinator



# Bingham CTE Pathways 2025-26

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## JATC Offerings:

### Agriculture, Food & Natural Resources

Animal & Veterinary Science		
1 Explorer Course Required		Credits
	Animal Science 1	1.0
	Veterinary Assisting 1 (JATC)	1.0
	Business Comm. 1	0.5
	Business Leadership or CTET 1010	0.5
	Equine Science 1	0.5
1 Concentrator Course Required		
	Animal Science 2	1.00
	Veterinary Assisting 2 (JATC)	1.0
1 Completer Course Required		
	CTE Internship	0.5

Plant Science		
1 Explorer Course Required		Credits
	Business Comm. 1	0.5
	Business Comm. 2	0.5
	Business Leadership or CTET 1010	0.5
	Agricultural Science 1	1.0
	Biology-Agricultural Science	1.0
	Plant and Soil Science 1	1.0
1 Concentrator Required		
	Floriculture (JATC)	0.5
	Floriculture & Greenhouse Management	0.5
	Introduction to Landscape Architecture (LAEP 1030)	1.0
	Plant & Soil Science 2 (JATC)	1.0
	Horticulture/Sustainable Urban Agriculture (PSC 1800)	1.0
1 Completer Course Required		
	Advanced Floriculture	1.0
	Landscape Management	0.5
	Greenhouse Mgmt. (JATC or BHS)	1.0
	CTE Internship	0.5

Natural Resource Science		
1 Explorer Course Required		Credits
	Business Comm. 1	0.5
	Business Leadership 1	0.5
	Natural Resource Science 1 (JATC)	1.0
1 Concentrator Course Required		
	Natural Resource Science 2(JATC)	1.0
1 Completer Course Required		
	Apprenticeship	1.0
	CTE Internship	0.5

### Education & Training

K-12: Teaching as a Profession		
1 Explorer Course Required		Credits
	Teaching as a Profession 1	0.5
	Business Comm. 1	0.5
	English 1010- Introduction to Writing	0.5
	FHS 1500- Human Development (JATC)	0.5
	Math 1050- College Algebra	0.5
	Math 1030- Quantitative Reasoning	0.5
1 Concentrator Course Required		
	Aspiring Educators (EDU 1010) (JATC)	0.5
1 Completer Course Required		
	Principles of Educational Instruction	0.5
	Teaching as a Profession Capstone (SPED 1000) (JATC)	0.5-1.0
	CTE Internship/Apprenticeship	0.5

### Arts, Audio/Visual Tech. & Comm.

Broadcasting & Digital Media		
1 Explorer Course Required		Credits
	Computer Programming 1	0.5
	Game Development (JATC*)	0.5
	3D Graphics (BHS or JATC) OR ART 1630 (JATC*)	0.5
	Web Develop. 1 (JATC* or BHS)	0.5
	Digital Media 1 or Art 1080 (JATC* or BHS)	0.5
1 Concentrator Course Required		
	Digital Media 2 (JATC*)	1.0
	3D Animation (JATC or BHS)	1.0
	Video Production 1 (JATC* or BHS)	0.5
1 Completer Course Required		
	Advanced Digital Media (JATC*)	1.0
	3D Animation 2 (JATC*)	0.5
	Video Production 2	0.5
	Game 1 & 2	1.0
	Art 1020 Drawing	1.0
	CTE Internship	0.5

\*credits earned are based on the emphasis students choose in the digital media program at JATC.

### Computer Science & Information Technology

Web Development		
1 Explorer Course Required		Credits
	Entrepreneurship	0.5
	Exploring Computer Science	0.5
	Digital Media 1 (JATC or BHS)	0.5
	Web Develop. 1 (JATC or BHS)	0.5
1 Concentrator Course Required		
	HTML 5 App Development (JATC)	0.5
	Web Development 2 (Art 2440) (JATC)	0.5
1 Completer Course Required		
	Web Dev. Capstone (JATC)	0.5
	UX/UI & Quality Assurance (JATC)	0.5
	CTE Internship	0.5

Programming & Software Development		
1 Explorer Course Required		Credits
	Computer Programming 1 (JATC or BHS)	0.5
	Exploring Computer Science	0.5
	Database Develop. (JATC)	1.0
	Robotics 1	0.5
1 Concentrator Course Required		
	Computer Programming 2 CSIS 1400 (JATC)	0.5
	AP Computer Science Principles	0.5
	Mobile Development (JATC)	0.5
1 Completer Course Required		
	Computer Programming Advance CSIS 1410 (JATC or HHS)	0.5
	CTE Internship	0.5

Web Development		
Explorer Course		Credits
	Computer Science Principles	0.5
	Computer Programming	0.5
	Digital Media 1	0.5
	Entrepreneurship	0.5
	Marketing 1	0.5
	Web Development	0.5
	Math 1050	0.5
Concentrator		
	Web Development, Advanced	0.5
Completer		
	UX/UI & Quality Assurance	1.0
	Web Projects	0.5



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## Engineering & Technology

Engineering		
1 Explorer Course Required		Credits
	CAD Architectural Design 1 (JATC* or BHS)	0.5
	CAD Mechanical 1 (JATC*)	0.5
	Engineering Principles 1 (JATC* or BHS)	0.5
	Robotics 1 (JATC* or BHS)	0.5
	Electronics 1 (JATC* or BHS)	0.5
1 Concentrator Course Required		
	Engineering Principles 2 (JATC* or BHS)	0.5
	Robotics 2 (JATC* or BHS)	0.5
	Materials Science (JATC*)	1.0
	Aerospace Engineering (JATC*)	1.0
1 Completer Course Required		
	Electronics 3 (JATC*)	0.5
	Engineering Capstone (JATC*)	1.0
	CTE Internship	0.5

\*Credits earned are based on the emphasis students choose in the Engineering program at JATC.

Cyber Security		
1 Explorer Course Required		Credits
	Linux	0.5
	Computer Programming 1	0.5
	Computer Science Principles	0.5
	Networking	0.5
	Exploring Computer Science	0.5
	Math 1050	0.5
	Web Development	0.5
1 Concentrator Course Required		
	Principles of Cyber Defence and Ethics	0.5
1 Completer Course Required		
	Cyber Forensics	0.5
	NSA Apprenticeship	TBD
	CTE Internship	0.5

## Human Services

Family & Human Services		
1 Explorer Course Required		Credits
	Introduction to Behavioral Health	0.5
	Introduction to Health Science	1.0
	Human Development	0.5
	Psychology	0.5-1.0
1 Concentrator Course Required		
	Individual & Family Relationship	0.5
	Personal and Family Finance	0.5-1.0
1 Completer Course Required		
	Advance Behavioral Health	0.5
	Community and Public Health	0.5-1.0
	CTE Internship/Apprenticeship	0.5

Personal Care Services		
1 Explorer Course Required		Credits
	Business Leadership (CTEL 1010)	0.5
	Business Office Specialist	0.5
	Customer Service or PS 1403	0.5
	Marketing 1 or MKTG 1030	0.5
	Retailing or (PS 2383)	0.5-1.0
1 Concentrator Course Required		
	1st Year Hair Design	2.0
	1st Year Barbering	2.0
	Nail Technician, Semester 1	1
1 Completer Course Required		
	2nd Year Hair Design	2.0
	2nd Year Barbering	2.0
	Nail Technician, Semester 2	1
	CTE Internship/Apprenticeship	0.5

## Health Science

Health Science		
1 Explorer Course Required		Credits
	Intro to Health Science	1.0
	Medical Terminology(BHS) OR HS 1100(JATC)	0.5
1 Concentrator Course Required		
	Medical Anatomy (BHS or JATC)	1.0
	Biotechnology (JATC)	2.0
	Advanced Biotechnology w/ BTEC 1000 (JATC)	4.0
	Medical Forensics (JATC or BHS)	1.0
	Dental Assistant (JATC)	2.0
	Emergency Medical Tech. (JATC)	2.0
	Emergency Medical Response or RHS 2300 or HLTH 1200 (JATC or BHS)	0.5
	Exercise/Sports Medicine OR RHS 2175 (JATC or BHS)	1.0
	Medical Assistant (JATC)	4.0
	CNA: Nurse Assistant (JATC)	1.0
	Pharmacy Technician (JATC)	4.0
	Physical Therapy (JATC)	2.0
1 Completer Course Required		
	CTE Internship (JATC program acceptance not required)	0.5
	JATC Clinical Hours (only specific programs- must receive approval from CTE Coordinator)	1.0
	Case Studies(2023 or previous)	1.0

## Transportation, Distribution, & Logistics

Auto Mechanics & Repair		
1 Explorer Course Required		Credits
	Intro to Auto	0.5
	Welding Technician (JATC or BHS)	1.0
	Collision Repair (JATC or BHS)	.50
1 Concentrator Course Required		
	ASE Chassis/Engine MLR (Auto 2)	1.0
	Collision Repair (Refinishing)	1.0
1 Completer Course Required		
	ASE Engine, Brakes, Steering/Suspension, Electronics (Auto 3)	2.0
	CTE Internship	0.5



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## Transportation, Distribution, & Logistics

Aviation		
1 Explorer Course Required		Credits
	Aviation History (AVSC 1010) (JATC)	1.0
	Unmanned Aerial Systems (AVSC 1410) (JATC)	1.0
1 Completer Course Required		
	Air Transportation Management (AVSC 2150) (JATC)	1.0
	Private Pilot (AVCS 1100) (JATC)	1.0
	CTE Internship	0.5

Diesel		
1 Explorer Course Required		Credits
	Intro to Auto	0.5
	Electronics	.50
	Welding 1	.50
Concentrator & Completer		
	Heavy Duty Diesel Mechanic (JATC)	4.0

## Law, Public Safety, Corrections & Security

Protective Services		
1 Explorer Course Required		Credits
	Intro to Criminal Justice (JATC)	0.5
	Intro to Behavioral Health	0.5
	Business Leadership (CTEL 1010)	0.5
	Intro to Health Science	1.0
	Intro to Fire Science	0.5
	Exploring Computer Science	0.5
	Law Enforcement	0.5
	Intro to Information Technology	0.5
	Unmanned Aerial Systems	0.5
1 Concentrator Course Required		
	Corrections(CJ 1300) (JATC)	0.5
	Criminal Law(CJ 1330) (JATC)	0.5
	Fire Science, Fire Behavior & Combustion (ESFO 1100) (JATC)	0.5
1 Completer Course Required		
	CTE Internship	0.5
	Careers in Criminal Justice (CJ 2540)	1.0

## Manufacturing

Welding & Machining		
1 Explorer Course Required		Credits
	Machining 1	0.5
	Metal Working	0.5
	Sheet Metal	0.5
	Welding Technician, Entry (WLD 1005)	0.5-1.0
1 Concentrator Course Required		
	Machining 2	0.5
	Welding Technician, Intermediate	0.5-1
1 Completer Course Required		
	Machining 3	0.5
	Non-destructive Testing	0.5
	Welding- Pipefitting	0.5
	Welding- Structural Fitting	0.5
	Welding Technician, Advanced	0.5-1.0
	CTE Internship/Apprenticeship	0.5

## Web Development

Explorer Course		Credits
	Computer Science Principles	0.5
	Computer Programming	0.5
	Digital Media 1	0.5
	Entrepreneurship	0.5
	Marketing 1	0.5
	Web Development	0.5
	Math 1050	0.5
Concentrator		
	Web Development, Advanced	0.5
Completer		
	UX/UI & Quality Assurance	1.0
	Web Projects	0.5