

# Implementation Workshop

January 26, 2021

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# Agenda

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- **General Information**
- **Implementation Considerations**
- **Q & A**

# Next Level Program of Study

Advanced Manufacturing Welding Technology							
Principles		CTE Concentrator A		CTE Concentrator B		Pathway Capstone	
7110	Principles of Welding Technology	7111	Shielded Metal Arc Welding	7101	Gas Welding Processes		Welding Technology Capstone
	WELD 100		WELD 108 WELD 206		WELD 207 WELD 272		WELD 208 WELD 273 WELD 203 WELD 210

*Secondary schools must follow the secondary course requirements in order to receive funding and students to earn concentrator status.*

- Aligned to ITCC and/or VU
- Aligned to TC or CG
- Earn CT 1st (Capstone 2cr)
- Pre-reqs considered
- Logical Pairs of Courses- Pathway Specific Course
- Postsec Courses not on DC Crosswalk were aligned to Capstone

# Transition Plan

Courses	2021-2022 SY	2022-2023 SY	2023-2024 SY	2024-2025 SY
<b>Current Courses</b>  Concentrator A and B from Perkins V (Not Introductory)	<ul style="list-style-type: none"> <li>No Changes</li> </ul>	<ul style="list-style-type: none"> <li>Level I (1-3 Cr) Courses limited to 1 Cr/Sem</li> </ul>	<ul style="list-style-type: none"> <li>Level II (1-3 Cr) Courses limited to 1 Cr/Sem</li> <li>Some Current Courses may be phased out</li> </ul>	<ul style="list-style-type: none"> <li>All Current Courses will be phased out or redesigned</li> </ul>
<b>NLPS Courses</b>	<ul style="list-style-type: none"> <li>Concentrator Courses available</li> <li>Schools Can Opt-In</li> <li>Separate CTD, Fund Memo, &amp; DC Crosswalk</li> </ul>	<ul style="list-style-type: none"> <li>Capstone Courses Available</li> <li>Full Implementation</li> <li>All pathways converted to NLPS</li> </ul>		<ul style="list-style-type: none"> <li>All Cohorts must be using NLPS Courses for Concentrator Status.</li> </ul>

# Opt-In Concerns

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- **Very little change if you currently have credential completion pathways.**
- **NLPS Pathways may push some current second year material to first year (CNA).**
- **No formal opt-in process – Use NLPS course codes in InTERS**
- **Not necessary to change local course catalogs**
- **Grading practices are a local decision**
- **Professional Development**

# NLPS Timeline

Activity/Resource	Timeline
NLPS Resources Developed and Posted Online	November - December
NLPS Implementation Workshops	December – January
Funding Memo for NLPS Courses	January
NLPS Instructor Assignment Codes	January
Finalize Secondary NLPS Course Standards	January – February
21-22 NLPS CTE Dual Credit Crosswalk	April
22-23 CTE CTD, Funding Memo, Dual Credit Crosswalk	July - August

# CTE Funding

Courses	IDOE Course Code	IDOE Course Name	Cluster	Credits Per Semester	Max Credits Allowed	CTE Funding Threshold	CTE Funding Level per S1 Credit/ Max Funding
Current	5776	Welding Technology I	Adv Manf	1-3	6	High Value Level 1	\$680 / \$2040
NLPS	7110	Principles of Welding Technology	Adv Manf	1	2	High Value Level 1	\$680 / \$680
	7111	Shielded Metal Arc Welding	Adv Manf	1	2	High Value Level 1	\$680 / \$680
	7101	Gas Welding Processes	Adv Manf	1	2	High Value Level 1	\$680 / \$680
Current	5778	Welding Technology II	Adv Manf	1-3	6	High Value Level 2	\$1020 / \$3060
NLPS		Welding Technology Capstone	Adv Manf	1-3	6	High Value Level 2	\$1020 / \$3060

# Assignment Codes

Code	Course Title	Bulletin 400	Rules 46-47	Rules 2002	REPA/ REPA 3
5776	Welding Technology I	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Welding &amp; Cutting K-12</li> </ul>	<ul style="list-style-type: none"> <li>Standard Trade &amp; Industrial: Welding &amp; Cutting 9-12</li> <li>Occupational Specialist I, II or III: Welding &amp; Cutting 9-12</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial: Welding Technology</li> <li>Workplace Specialist: Welding Technology</li> </ul>	<ul style="list-style-type: none"> <li>CTE: Trade &amp; Industrial Welding 5-12</li> <li>Workplace Specialist: Welding 9-12</li> </ul>
7110	Principles of Welding Technology				
7111	Shielded Metal Arc Welding				
7101	Gas Welding Processes				



# Course Enrollments

Enrolling Students			
Yr - Credits		Semester I	Semester II
1	2	7110 Principles of Welding Technology	
1	2	7111 Shielded Metal Arc Welding	
1	2	7101 Gas Welding Processes	

Curriculum Map for the Year		
1 <sup>st</sup> 8-12 Weeks	2 <sup>nd</sup> 12-16 Weeks	3 <sup>rd</sup> 12-16 Weeks
7110 Principles of Welding Technology	7111 Shielded Metal Arc Welding	7101 Gas Welding Processes

- Flexibility to have students take 1, 2, or 3 courses per year.
- Half-Day programs may enroll students in up to 6 credits in a pathway per year.
- Instructors may teach courses in an integrated manner or sequentially.

# School Considerations

## Independent Programs / Perkins Managed

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# Principles Course

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- **Using Principles course to replace Introductory course**
  - **Principles courses should be offered as part of a pathway.**
  - **May make sense in pathways like Ag and Business or in pathways not offered by a Career Center**
  - **Students may not be ready for dual credit**
  - **Principles courses will not count toward Health and Wellness Waivers**

# 4 - Year Plan

- **Class of 2023 and 2024 must use Perkins V with Current or NLPS Courses to earn CTE Concentrator.**
- **Class of 2025 must use NLPS Courses to earn CTE Concentrator.**

Pathways Independently Offered / Perkins Managed	How do/will students progress through this pathway?	Cohort	Enter the NLPS course in the year they will be implemented			
			21-22 SY	22-23 SY	23-24 SY	24-25 SY
Eg. Agriscience	One course per year starting their freshmen year.	2025	Principles of Ag	Plant and Soil Science	Food Science	AgriResearch
		2024	?	?	?	
		2023	Plant and Soil Science	Agribusiness Management		
		2025				
		2024				
		2023				

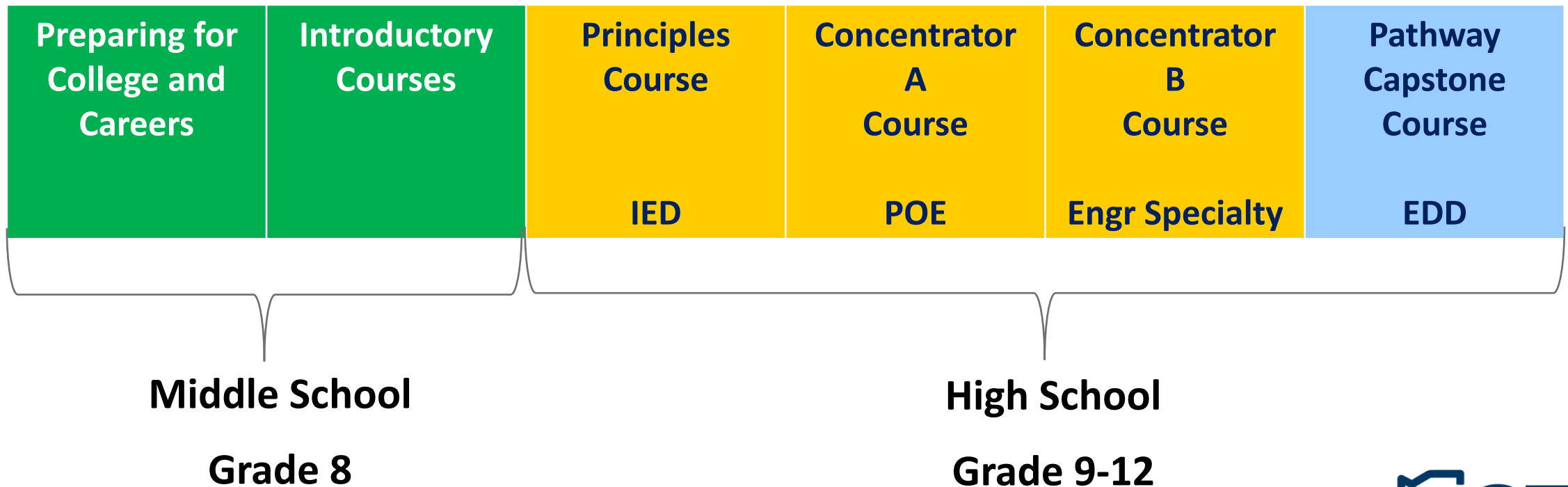
# Student Progression

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- **This may differ depending on the pathway:**
  - **Ag, Business, Engineering, and Biomedical Pathways may need to take Principles course during their freshmen year.**
  - **Other pathways may be better suited to take their junior or senior year.**

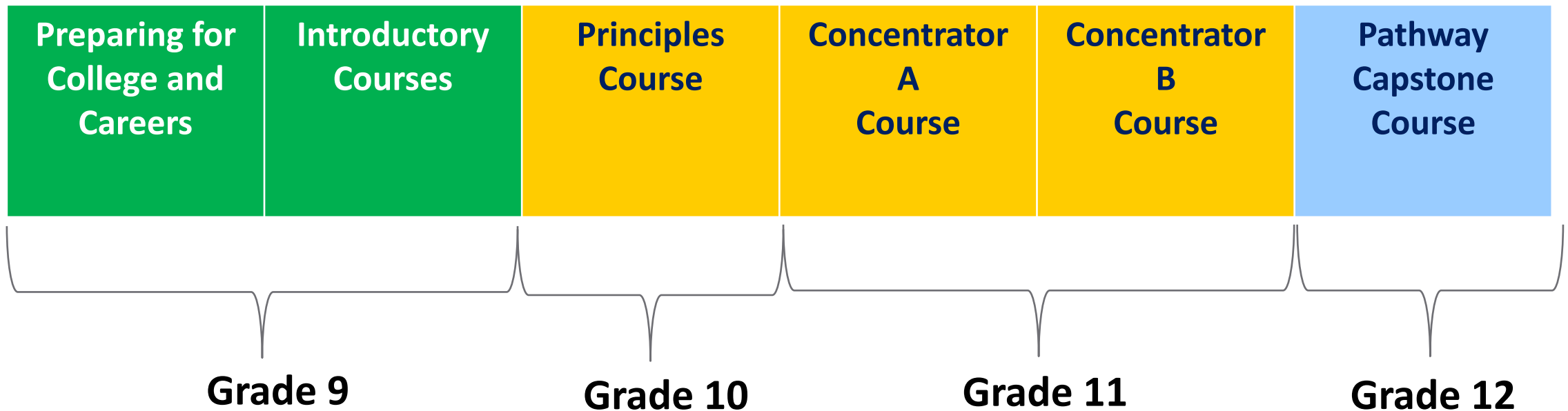
# Student Progression

## How will the student progress through the pathway?



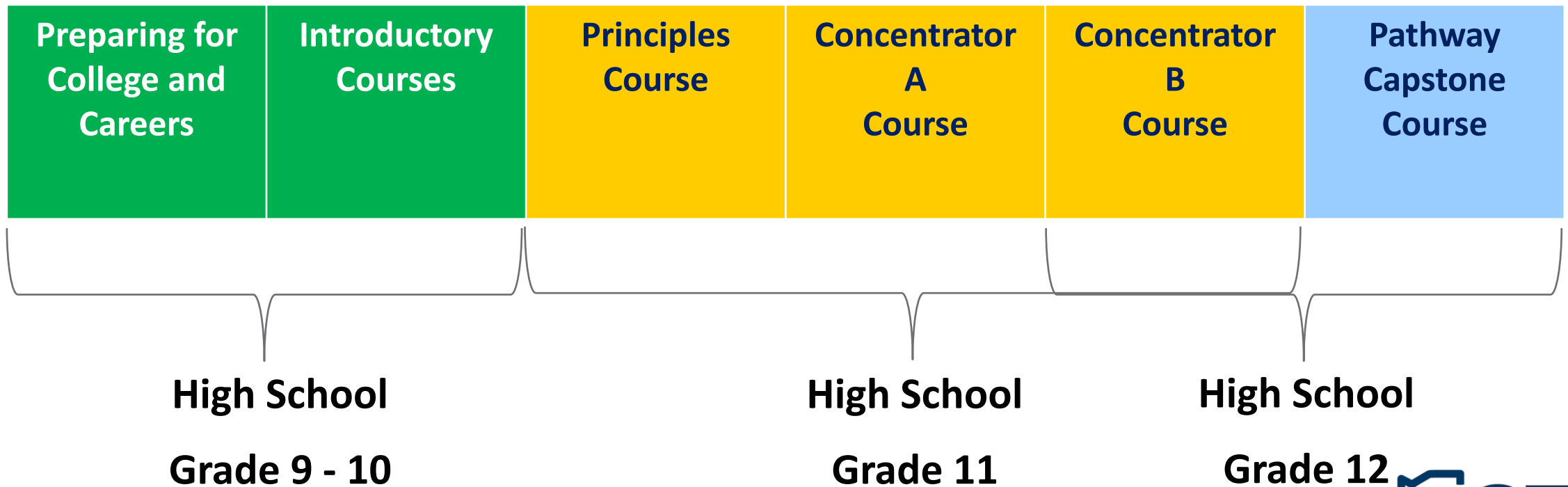
# Student Progression

## How will the student progress through the pathway?



# Principles vs Introductory

## How will the student progress through the pathway?





# Questions

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# Transition by Cohort

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- **Consider the 2025 Cohort:**
  - **Have to utilize Perkins V pathways w/ Next Level Programs of Study Courses**
  - **Ideally students would have the opportunity to complete at least 2 credits of the capstone course.**

# Transition by Cohort

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- **Consider the 2023 and 2024 Cohorts:**
  - **Have to utilize Perkins V pathways – current courses require two years.**
  - **NLPS provides these students the opportunity to earn concentrator status in one year.**
  - **Students can change pathways or combine pathways**

# Transition by Cohort

Pathways Independently Offered / Perkins Managed	How do/will students progress through this pathway?	Enter the NLPS course in the year they will be implemented				
		Cohort	21-22 SY	22-23 SY	23-24 SY	24-25 SY
Agriscience	One course per year starting their freshmen year.	2025	Principles of Ag	Plant and Soil Science	Food Science	AgriResearch
		2024	?	?	?	
		2023	Plant and Soil Science	Agribusiness Management		

# Transition by Cohort

Pathways	How do/will students progress through this pathway?	Enter the NLPS course in the year they will be implemented					
		Cohort	21-22 SY	22-23 SY	23-24 SY	24-25 SY	
Independently Offered / Perkins Managed	C.N.A. / Pre-Nursing	Take for a half day their Jr. and Senior Years	2025	PCC	Intro to HC	Pr. of Healthcare Medical Term-Conc A C.N.A.-Conc B	Healthcare Spec Capstone Course (3)
			2024	Intro to HC	Health Science Ed I (1) or Pr. of Healthcare Medical Term-Conc A C.N.A.-Conc B	Health Science Ed II: Nursing (1) Or Healthcare Spec Capstone Course (3)	
			2023	Health Science Ed I (3) Or Pr. of Healthcare Medical Term-Conc A C.N.A.-Conc B	Health Science Ed II: Nursing (3) Or Healthcare Spec Capstone Course (3)		

# Technical Skills Development

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- **May be used to offer WBL during Concentrator sequence or to provide additional lab/hands-on time.**
- **Must be concurrently enrolled in a Concentrator A and/or Concentrator B course.**
- **Credits do not count toward concentrator status.**
- **Will be funded (Amount TBD)**

# Transition by Cohort

Pathways Independently Offered / Perkins Managed	How do/will students progress through this pathway?	Enter the NLPS course in the year they will be implemented				
		Cohort	21-22 SY	22-23 SY	23-24 SY	24-25 SY
Welding	Take for a half day their Jr. and Senior Years	2025	PCC	Intro to Adv. Manufacturing	Principles of Welding Shielded Metal Arc Welding- Conc A Technical Skills Dev	Gas Welding Processes-Conc B Welding Technology Capstone (2)
		2024				
		2023				

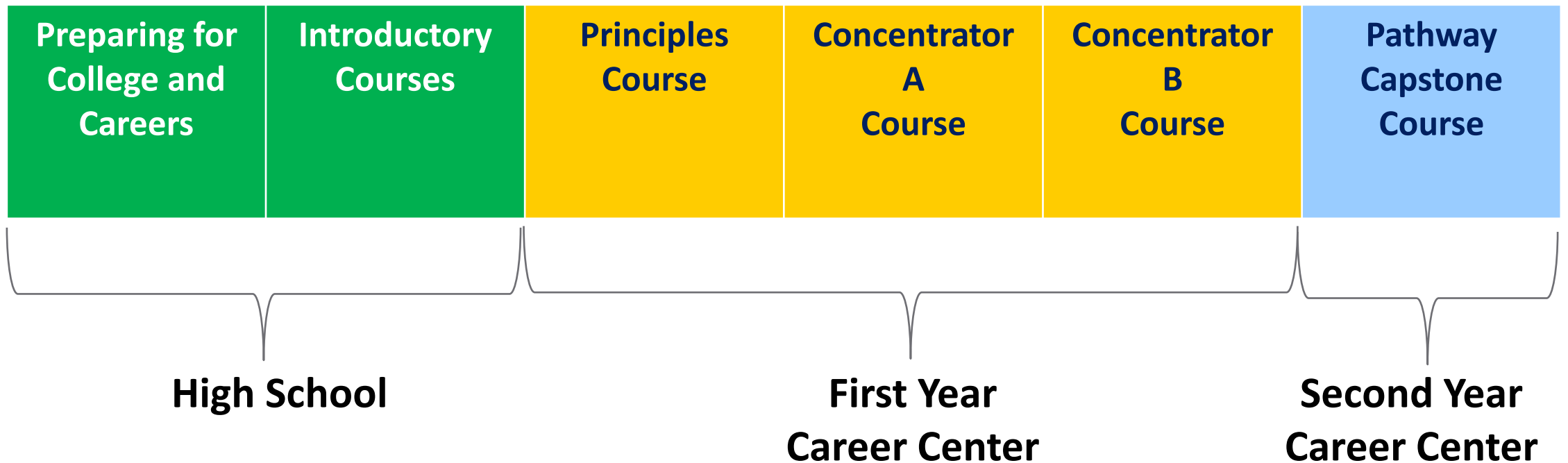
# School Considerations Shared or Cooperative Programs

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# Cooperative Programs

## Complementary vs Competitive



# Technical Skills Development

- May be used in place of the Principles Course



# Follow-Up

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- Need assistance to develop school transition plan.
- Have school specific questions that need answered to begin transitioning to NLPS?
- Have questions about specific pathways?
- ***Can request a ½ hour timeslot for Wednesday in the chat or email [CTE@gov.in.gov](mailto:CTE@gov.in.gov)***

# Contact Us

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## Contact:

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