

# IF YOU HAVE CTE PREPARATION

* Preparation Program * Internship * South Dakota Indian Studies * Adolescent Psychology * Pedagogy Test	State-Designated Pedagogy Test	Subject Major	CTE Methods	State-Designated Test	State-Designated Coursework	Other
<b>To Add CTE Endorsements</b>						
<b>Career Cluster Endorsements</b>						
Arts, audio-video technology, and communications career cluster				2 of the 3 state certification exams * 5261 NOCTI Advertising and Design * 5904 NOCTI Audiovisual Communication Tech * 5186 NOCTI Television Production	OR	X
Health science career cluster						X OR Licensure, Cert or Registration by a nationally recognized accrediting agency as a health professions practitioner
Manufacturing career cluster				5279 NOCTI Welding OR 5176 NOCTI Precision Machining AND AWS Cert OR 5051 Technology Education AND AWS Certification	OR	X OR AA degree in Manufacturing
Finance career cluster				5101 Business Education OR Certified Financial Planner	OR	X
Hospitality and tourism career cluster				5028 NOCTI Hospitality Management and Lodging OR 5167 NOCTI Commercial Foods OR AAFCS Culinary Arts	OR	X
Human services career cluster				5122 Family and Consumer Science Praxis OR 5167 AAFCS Family and Community Services OR 200 CFCS Composite Exam	OR	X
Information technology career cluster				5652 Computer Science Praxis	OR	X
Science, technology, engineering, and mathematics career cluster				5051 Technology Education Praxis	OR	X
Transportation, distribution, and logistics career cluster				ASE Certification OR 5266 NOCTI Collision Repair AND 5262 NOCTI Automotive Technician	OR	X
Agriculture food and natural resources career cluster				5701 Agriculture	OR	X
Business management and administration career cluster				5101 Business Education	OR	X
Marketing career cluster endorsement				5561 Marketing Education Praxis OR American Marketing Association Professional Certified Marketer	OR	X
Architecture and construction career cluster				AA in Architecture & Construction OR 5263 NOCTI Building Construction Occupations OR 5920 NOCTI Architectural Drafting OR 5051 Technology Education	OR	X
Family and consumer science career cluster				5122 Family and Consumer Science Praxis	OR	X
Education and training career cluster				AAFCS - Education Fundamentals OR 5122 Family and Consumer Sciences Praxis OR 200 CFCS Composite Exam	OR	X OR 4000 hours of work experience
Law, Public safety, security and corrections career cluster				5269 NOCTI Criminal Justice OR Certified Law Enforcement Officer	OR	X OR 4000 hours of work experience

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<b>To Add CTE Endorsements</b>						
<b>Career Pathway Endorsements</b>						
Food products and processing career pathway				HACCP Certification Exam <b>OR</b> ICEV Food Safety and Science Certification Exam	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Plant systems career pathway				Certified Crop Advisor Exam <b>OR</b> Certified Horticulturist	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Animal systems career pathway				ICEV Fundamentals of Animal Science	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Power structural and technical systems career pathway				5181 NOCTI Agriculture Mechanics	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Natural resources and environmental service career pathway						X <b>OR</b> 4000 hours of work experience
Agribusiness career pathway				National Farm Business Management Exam	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Business marketing and management career pathway				5561 Marketing Education	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Sales, merchandising, and marketing research support career pathway				NOCTI Advertising and Design <b>OR</b> National Retail Federation - Retail Merchandising Certification <b>OR</b> Licensed Real Estate Agent	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Visual arts career pathway endorsement				5261 NOCTI Advertising and Design	<b>OR</b>	X <b>OR</b> Associates degree in Visual Arts <b>OR</b> 4000 hours of work experience
Audio-video technology and film career pathway				5904 NOCTI Advertising and Design	<b>OR</b>	X <b>OR</b> Associates degree in audio video technology or film <b>OR</b> 4000 hours of work experience
Journalism and broadcasting career pathway				5186 NOCTI Television Production	<b>OR</b>	X <b>OR</b> Associates degree in journalism or broadcasting <b>OR</b> 4000 hours of work experience
Therapeutic and support services career pathway				NOCTI Health Assisting	<b>OR</b>	X <b>OR</b> 4000 hours of work experience <b>OR</b> Current licensure, certification, or registration by a nationally recognized accrediting agency as a health professions practitioner
Diagnostic services career pathway						X <b>OR</b> 4000 hours of work experience <b>OR</b> Current licensure, certification, or registration by a nationally recognized accrediting agency as a health professions practitioner
Welding and precision machining career pathway				AWS Certification <b>OR</b> NOCTI Welding <b>OR</b> NOCTI Precision Machine	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Accounting career pathway				5180 NOCTI Accounting <b>OR</b> Certified Public Accountant	<b>OR</b>	X <b>OR</b> 4000 hours of work experience

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<b>To Add CTE Endorsements</b>						
<b>Career Pathway Endorsements</b>						
Banking services and business finance career pathway				Licensed Securities Broker <b>OR</b> Licensed Insurance Agent <b>OR</b> American Banking Association Certification	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Insurance, securities, and investments career pathway				Licensed Securities Broker <b>OR</b> Licensed Insurance Agent <b>OR</b> Licensed Real Estate Agent	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Restaurant and food service management career pathway				5167 NOCTI Commercial Foods <b>OR</b> ProStart Summer Institute I, II and III	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Travel and tourism career pathway				NOCTI Hospitality Management and Lodging <b>OR</b> Certified Hotel Administrator	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Early childhood development career pathway				NOCTI Early Childhood Education and Care <b>OR</b> AAFCS Early Childhood Education <b>OR</b> Child Development Associate Credential <b>OR</b> CFCS Human Development and Family Studies <b>AND</b> CFCS Hospitality Nutrition and Food Science	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Counseling, mental health, and community services career pathway						X <b>OR</b> 4000 hours of work experience <b>OR</b> Current licensure, certification, or registration by a nationally recognized accrediting agency as a health professions practitioner
Consumer services career pathway				5261 NOCTI Advertising and Design <b>OR</b> National Retail Federation - Retail Merchandising Certification <b>OR</b> Licensed Real Estate Agent	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Programming and software development career pathway				5906 NOCTI Computer Programming	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Web and digital communications career pathway				NOCTI Web Design	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Networking systems and information support career pathway				NOCTI Computer Networking Fundamentals <b>OR</b> COMPTIA Network+	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Engineering and robotics career pathway						X <b>OR</b> Associates degree in related field <b>OR</b> 4000 hours of work experience
Energy career pathway						X <b>OR</b> Associates degree in related field <b>OR</b> 4000 hours of work experience
Aviation career pathway						X <b>OR</b> Associates degree in related field <b>OR</b> 4000 hours of work experience
Design and pre-construction career pathway				ADDA Industry Certification <b>OR</b> 5920 NOCTI Architectural Drafting <b>OR</b> 5051 Technology Education	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Construction career pathway				5051 NOCTI Building Construction Occupations <b>OR</b> NCCER Architectural Woodworking Institute <b>OR</b> 5051 Technology Education	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Auto body technology career pathway				ASE certification <b>OR</b> 5266 NOCTI Collision Repair	<b>OR</b>	X <b>OR</b> Associated degree in collision repair <b>OR</b> 4000 hours of work experience
Automotive technology career pathway				ASE Certification <b>OR</b> 5262 NOCTI Automotive Technician	<b>OR</b>	X <b>OR</b> Associated degree in automotive technology <b>OR</b> 4000 hours of work experience
Curriculum for Agriculture Science Education career pathway				National Certification Training in Curriculum for Agriculture Science Education		
Project Lead the Way biomedical science career pathway						PLTW Biomedical Training
Project Lead the Way computer science career pathway						PLTW Computer Science Training
Project Lead the Way engineering career pathway						PLTW Engineering Training

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* Internship						
* South Dakota Indian Studies						
* Adolescent Psychology						
* Pedagogy Test						
<b>To Add Secondary Endorsements</b>						
<b>Secondary English Language Arts</b>						
Secondary Intermediate English Language Arts (Literature, Comp/Grammar)		X		OR 5038 ELA: Content Knowledge		
Secondary Advanced Comp/Grammar		X		OR 5038 ELA: Content Knowledge	OR X	
Secondary Advanced Literature		X		OR 5038 ELA: Content Knowledge	OR X	
Secondary Speech/Debate		X		OR 5221 Speech Communication	OR X	
Secondary Drama/Theater		X		OR 5641 Theatre		
Secondary Mass Communications		X		OR 5038 ELA: Content Knowledge		
<b>Secondary Math Endorsements</b>						
Secondary Intermediate Math (Algebra I, Geometry, Algebra II)		X		OR 5169 Middle School Math OR 5161 Math Content Knowledge		
Secondary Advanced Mathematics		X		OR 5161 Math Content Knowledge		
<b>Secondary Science Endorsements</b>						
Secondary Intermediate Science (Biology, Physical Science, Earth Science)		X		OR 5435 General Sciences		
Secondary Advanced Biology		X		OR 5235 Biology		
Secondary Chemistry		X		OR 5245 Chemistry		
Secondary Physics		X		OR 5265 Physics		
Secondary Advanced Physical Science		X		OR 5245 Chemistry OR 5265 Physics		
Secondary Advanced Earth Science		X		OR 5571 Earth and Space Science		
<b>Secondary Social Science Endorsements</b>						
Secondary Intermediate Social Science (History, Political Science, Geography)		X		OR 5081 Social Studies Content Knowledge		
Secondary Advanced History		X		OR 5941 World & US History		
Secondary Advanced Political Science		X		OR 5931 Govt/Political Science		
Secondary Advanced Geography		X		OR 5921 Geography		
Secondary Economics		X		OR 5911 Economics		
Secondary Sociology		X		OR 5952 Sociology		
Secondary Psychology		X		OR 5391 Psychology		
<b>To Add Early Childhood Endorsements</b>						
Early Childhood Birth through Grade Three						
<b>To Add Elementary Endorsements</b>						
<b>Self Contained Endorsements</b>						
Self Contained Kindergarten - 4th Grade						
Kindergarten						
Self Contained 5th - 8th Grade				5001 Elem Ed Multiple Subject (all 4 subtests) OR 7801 Elementary Education: CKT (all 4 subtests) OR 5146 Middle School Content Knowledge OR 5018 Elem Ed: Cont Knowledge (thru 08 2018)		
<b>Subject Specific Endorsements</b>						
<b>~ Grades K-4 Endorsements</b>						
K-4th Grade English Language Arts						
K-4th Grade Math						
K-4th Grade Science						
K-4th Grade Social Science						
<b>~ Grades 5-8 Endorsements</b>						
Grades 5-8 English Language Arts		X		5002 Elem Ed Multiple Subject ELA Subtest OR 7802 Reading and ELA CKT Subtest OR 5047 Middle School ELA OR 5038 ELA: Content Knowledge OR 5018 Elem Ed: Cont Knowledge (thru 08 2018)		
Grades 5-8 Math		X		5003 Elem Ed Multiple Subject Math Subtest OR 7803 Mathematics CKT Subtest OR 5169 Middle School Math OR 5161 Mathematics Content Knowledge OR 5018 Elem Ed: Cont Knowledge (thru 08 2018)		
Grades 5-8 Science		X		5005 Elem Ed Multiple Subject Science Subtest OR 7804 Science CKT Subtest OR 5440 Middle School Science OR 5435 General Science OR 5018 Elem Ed: Cont Knowledge (thru 08 2018)		
Grades 5-8 Social Science		X		5004 Elem Ed Multiple Subject Soc Science Subtest OR 7805 Social Studies CKT Subtest OR 5089 Middle School Social Studies OR 5081 Social Studies Content Knowledge OR 5018 Elem Ed: Cont Knowledge (thru 08 2018)		
Middle Level					X	

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<b>To Add K-12 Endorsements</b>										
<b>Art Education Endorsements</b>										
Elementary Art Education	K-6 PLT	AND	X			OR 5134 Art Content Knowledge				
Secondary Art Education			X			OR 5134 Art Content Knowledge				
<b>Health and Physical Education Endorsements</b>										
Elementary Health Education	K-6 PLT	AND	X			OR 5551 Health Education				
Secondary Health Education			X			OR 5551 Health Education				
Elementary Physical Education	K-6 PLT	AND	X			OR 5091 Physical Education				
Secondary Physical Education			X			OR 5091 Physical Education				
<b>Music Education Endorsements</b>										
Elementary Music Education	K-6 PLT	AND	X			OR 5113 Music: Content Knowledge				
Secondary Music Education			X			OR 5113 Music: Content Knowledge				
K-12 Vocal Music Education	K-6 PLT	AND	X			OR 5113 Music: Content Knowledge	OR	X		
K-12 Instrumental Music Education	K-6 PLT	AND	X			OR 5113 Music: Content Knowledge	OR	X		
<b>Reading Endorsements (New)</b>										
Elementary Reading	K-6 PLT	AND	X			OR 5204 Teaching Reading OR 5301 Reading Specialist	OR	X		
Secondary Reading			X			OR 5204 Teaching Reading OR 5301 Reading Specialist	OR	X		
<b>World Language Endorsements</b>										
Elementary Latin	K-6 PLT	AND	X			OR 5601 Latin	OR	X		
Secondary Latin			X			OR 5601 Latin	OR	X		
Elementary French	K-6 PLT	AND	X			OR 5174: French World Language	OR	X		
Secondary French			X			OR 5174: French World Language	OR	X		
Elementary German	K-6 PLT	AND	X			OR 5183: German World Language	OR	X		
Secondary German			X			OR 5183: German World Language	OR	X		
Elementary Spanish	K-6 PLT	AND	X			OR 5195: Spanish World Language	OR	X		
Secondary Spanish			X			OR 5195: Spanish World Language	OR	X		
Elementary Chinese	K-6 PLT	AND	X			OR 5665 Chinese (Mandarin)	OR	X		
Secondary Chinese			X			OR 5665 Chinese (Mandarin)	OR	X		
Elementary Russian	K-6 PLT	AND	X				OR	X		
Secondary Russian			X				OR	X		
Elementary Japanese	K-6 PLT	AND	X				OR	X		
Secondary Japanese			X				OR	X		
Elementary Norwegian	K-6 PLT	AND	X				OR	X		
Secondary Norwegian			X				OR	X		
Elementary World Languages	K-6 PLT	AND	X				OR	X		
Secondary World Languages			X				OR	X		
<b>Computer Endorsements</b>										
Elementary Computer Science	K-6 PLT	AND	X			OR 5652 Computer Science	OR	X		
Secondary Computer Science			X			OR 5652 Computer Science	OR	X		
<b>Educational Technology Endorsements</b>										
K-12 Classroom Technology	K-6 PLT						AND	X		
K-12 Distance Educator	K-6 PLT						AND	X		
<b>Other Endorsements</b>										
Elementary Gifted Education	K-6 PLT	AND	X			OR 5358 Gifted Education	OR	X		
Secondary Gifted Education			X			OR 5358 Gifted Education	OR	X		
Elementary School Library	K-6 PLT	AND	X			OR 5311 Library Media Specialist	OR	X		
Secondary School Library			X			OR 5311 Library Media Specialist	OR	X		
Elementary Deaf or Hearing Impaired	K-6 PLT						AND	X		
Secondary Deaf or Hearing Impaired								X		
Elementary Blind or Visually Impaired	K-6 PLT						OR	X		
Secondary Blind or Visually Impaired								X		
Elementary English as a New Language	K-6 PLT	AND	X			OR 5362 English to Speakers of Other Languages	OR	X		
Secondary English as a New Language			X			OR 5362 English to Speakers of Other Languages	OR	X		
Elementary South Dakota Indian Studies	K-6 PLT						AND	X		
Secondary South Dakota Indian Studies								X		
<b>To Add Special Education Endorsements</b>										
Early Childhood SPED Birth through Grade Three										
K-12 Special Education (May also add through SPED alternative certification)	K-6 PLT					AND 5354 SPED: Core Knowledge and Application	AND	X		
K-12 Adapted Physical Education	K-6 PLT	AND	X			OR 5091 Physical Education	AND	X		

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<b>To Add CTE Endorsements</b>						
<b>Career Cluster Endorsements</b>						
Arts, audio-video technology, and communications career cluster						
Health science career cluster						
Manufacturing career cluster						
Finance career cluster						
Hospitality and tourism career cluster						
Human services career cluster						
Information technology career cluster						
Science, technology, engineering, and mathematics career cluster						
Transportation, distribution, and logistics career cluster						
Agriculture food and natural resources career cluster						
Business management and administration career cluster						
Marketing career cluster						
Architecture and construction career cluster						
Family and consumer science career cluster						
Education and training career cluster				AAFCS - Education Fundamentals <b>OR</b> 5122 Family and Consumer Sciences Praxis <b>OR</b> 200 CFCS Composite Exam	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Law, Public safety, security and corrections career cluster				5269 NOCTI Criminal Justice <b>OR</b> Certified Law Enforcement Officer	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
<b>Career Pathway Endorsements</b>						
Food products and processing career pathway				HACCP Certification Exam <b>OR</b> ICEV Food Safety and Science Certification Exam	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Plant systems career pathway				Certified Crop Advisor Exam <b>OR</b> Certified Horticulturist	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Animal systems career pathway				ICEV Fundamentals of Animal Science	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Power structural and technical systems career pathway				5181 NOCTI Agriculture Mechanics	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Natural resources and environmental service career pathway						X <b>OR</b> 4000 hours of work experience
Agribusiness career pathway				National Farm Business Management Exam	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Business marketing and management career pathway				5561 Marketing Education	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Sales, merchandising, and marketing research support career pathway				NOCTI Advertising and Design <b>OR</b> National Retail Federation - Retail Merchandising Certification <b>OR</b> Licensed Real Estate Agent	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Visual arts career pathway endorsement				5261 NOCTI Advertising and Design	<b>OR</b>	X <b>OR</b> Associates degree in Visual Arts <b>OR</b> 4000 hours of work experience
Audio-video technology and film career pathway				5904 NOCTI Advertising and Design	<b>OR</b>	X <b>OR</b> Associates degree in audio video technology or film <b>OR</b> 4000 hours of work experience
Journalism and broadcasting career pathway				5186 NOCTI Television Production	<b>OR</b>	X <b>OR</b> Associates degree in journalism or broadcasting <b>OR</b> 4000 hours of work experience
Therapeutic and support services career pathway				NOCTI Health Assisting	<b>OR</b>	X <b>OR</b> 4000 hours of work experience <b>OR</b> Current licensure, certification, or registration by a nationally recognized accrediting agency as a health professions practitioner
Diagnostic services career pathway						X <b>OR</b> 4000 hours of work experience <b>OR</b> Current licensure, certification, or registration by a nationally recognized accrediting agency as a health professions practitioner

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	State-Designated Pedagogy Test	Subject Major	CTE Methods	State-Designated Test	State-Designated Coursework	Other
Welding and precision machining career pathway				AWS Certification <b>OR</b> NOCTI Welding <b>OR</b> NOCTI Precision Machine	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Accounting career pathway				5180 NOCTI Accounting <b>OR</b> Certified Public Accountant	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Banking services and business finance career pathway				Licensed Securities Broker <b>OR</b> Licensed Insurance Agent <b>OR</b> American Banking Association Certification	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Insurance, securities, and investments career pathway				Licensed Securities Broker <b>OR</b> Licensed Insurance Agent <b>OR</b> Licensed Real Estate Agent	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Restaurant and food service management career pathway				5167 NOCTI Commercial Foods <b>OR</b> ProStart Summer Institute I, II and III	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Travel and tourism career pathway				NOCTI Hospitality Management and Lodging <b>OR</b> Certified Hotel Administrator	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Early childhood development career pathway				NOCTI Early Childhood Education and Care <b>OR</b> AAFCS Early Childhood Education <b>OR</b> Child Development Associate Credential <b>OR</b> CFCS Human Development and Family Studies <b>AND</b> CFCS Hospitality Nutrition and Food Science	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Counseling, mental health, and community services career pathway						X <b>OR</b> 4000 hours of work experience <b>OR</b> Current licensure, certification, or registration by a nationally recognized accrediting agency as a health professions practitioner
Consumer services career pathway				5261 NOCTI Advertising and Design <b>OR</b> National Retail Federation - Retail Merchandising Certification <b>OR</b> Licensed Real Estate Agent	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Programming and software development career pathway				5906 NOCTI Computer Programming	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Web and digital communications career pathway				NOCTI Web Design	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Networking systems and information support career pathway				NOCTI Computer Networking Fundamentals <b>OR</b> COMPTIA Network+	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Engineering and robotics career pathway						X <b>OR</b> Associates degree in related field <b>OR</b> 4000 hours of work experience
Energy career pathway						X <b>OR</b> Associates degree in related field <b>OR</b> 4000 hours of work experience
Aviation career pathway						X <b>OR</b> Associates degree in related field <b>OR</b> 4000 hours of work experience
Design and pre-construction career pathway				ADDA Industry Certification <b>OR</b> 5920 NOCTI Architectural Drafting <b>OR</b> 5051 Technology Education	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Construction career pathway				5051 NOCTI Building Construction Occupations <b>OR</b> NCCER Architectural Woodworking Institute <b>OR</b> 5051 Technology Education	<b>OR</b>	X <b>OR</b> 4000 hours of work experience
Auto body technology career pathway				ASE certification <b>OR</b> 5266 NOCTI Collision Repair	<b>OR</b>	X <b>OR</b> Associated degree in collision repair <b>OR</b> 4000 hours of work experience
Automotive technology career pathway				ASE Certification <b>OR</b> 5262 NOCTI Automotive Technician	<b>OR</b>	X <b>OR</b> Associated degree in automotive technology <b>OR</b> 4000 hours of work experience
Curriculum for Agriculture Science Education career pathway				National Certification Training in Curriculum for Agriculture Science Education		
Project Lead the Way biomedical science career pathway						PLTW Biomedical Training
Project Lead the Way computer science career pathway						PLTW Computer Science Training
Project Lead the Way engineering career pathway						PLTW Engineering Training