

# CTE PATHWAYS 2016-2017

Revised: 12/18/2015.

<b>Agriculture, Food, and Natural Resources</b>				
	<b>1st Year</b>	<b>2nd Year</b>	<b>3rd Year</b>	<b>4th Year</b>
<b>Horticulture</b>	8705 Principles of Agriculture  (1 credit)	8420 Landscape Design 8534 Prof Standards in AgBusiness  (2 credits)	8416 Floral Design (Art credit option) 8417 Horticulture Science  (2 credits)	8419 Practicum in Horticulture Science   (2 credits)
<b>Animal Science</b>	8705 Principles of Agriculture  (1 credit)	8406 Livestock Production 8462 Food Processing  (2 credits)	8415 Wildlife Management 8547 Food Technology  (2 credits)	8408 Equine Science 8463 AgBusiness Mngmt  (2 credits)
<b>Veterinary Tech</b>	8705 Principles of Agriculture  (1 credit)	8406 Livestock Production 8545 Small Animal Mngmt  (2 credits)	8410 Veterinary Medical Applications 8409 Advanced Animal Sci  (2 credits)	8411 Practicum in Ag Science   (2 credits)
<b>Architecture and Construction</b>				
	<b>1st Year</b>	<b>2nd Year</b>	<b>3rd Year</b>	<b>4th Year</b>
<b>Construction</b>	8707 Principles of Manufacturing  (1 credit)	8441 Construction Technology  (2 credits)	8442 Advanced Construction Technology  (2 credits)	8461 Practicum in Construction Management   (2 credits)
<b>Arts, A/V Technology, and Communications</b>				
	<b>1st Year</b>	<b>2nd Year</b>	<b>3rd Year</b>	<b>4th Year</b>
<b>3-D Animation</b>	8542 BIM  (1 credit)	8465 Animation (Art credit option)  (1 credit)	8468 Advanced Animation  (2 credits)	8467 Practicum in Animation   (2 credits)
<b>Audio and Video Production</b>	8542 BIM  (1 credit)	8620 Audio and Video Production  (2 credits)	8621 Advanced Audio and Video Production  (2 credits)	8622 Practicum in Audio and Video Production   (2 credits)
<b>Graphic Communications</b>	8542 BIM  (1 credit)	8633 Graphic Design and Illustration  (1 credit)	8624 Advanced Graphic Design and Illustration  (2 credits)	8625 Practicum in Graphic Design and Illustration   (2 credits)
<b>Fashion Design</b>	8697 Personal, Family, Career Development  (1 credit)	8475 Fashion Design (Art credit option)  (2 credits)	8476 Advanced Fashion Design  (2 credits)	8477 Practicum in Fashion Design   (2 credits)

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<i>Business, Marketing, Finance, and IT</i>	<i>1<sup>st</sup> Year Can be taken 9-12</i>	<i>2<sup>nd</sup> Year Can be taken 10-12</i>	<i>3<sup>rd</sup> Year Can be taken 11-12</i>	<i>4th Year Can be taken 12th</i>
<b>Business Management</b>	8542 BIM (1.0)	8486 Principles of Business, Marketing and Finance (0.5) 8492 Entrepreneurship (0.5) 8506 Money Matters (1.0)	8507 Accounting I (1.0) 8490 Business Management (1.0)	8508 Accounting II (1.0) 8489 Business Law (1.0)
<i>Education and Training</i>	<i>1<sup>st</sup> Year</i>	<i>2<sup>nd</sup> Year</i>	<i>3<sup>rd</sup> Year</i>	<i>4th Year</i>
<b>Teaching &amp; Instruction</b>	8497 Personal, Family, Career Development (0.5) <b>OR</b> 8697 Personal, Family, Career Development (1.0)	8698 Child Development (1.0)	8503 Teaching I D/ND (1.0) 8504 Teaching II D/ND (1.0)	8703 Practicum in Education & Training I D/ND
	(.5 or 1 credit)	(1 credit)	(2 credits)	(2 credits)
<i>Health Science</i>	<i>1<sup>st</sup> Year</i>	<i>2<sup>nd</sup> Year</i>	<i>3<sup>rd</sup> Year</i>	<i>4th Year</i>
<b>General Health Sciences</b>	8708 Principles of Health Science  (1 credit)	8514 MedTerm (D/ND)/ 8524 Prob & Sol (1.0) 8665 World Health Research (1.0)  (2 credits)	8515 Health Science  (2 credits)	8519 Medical Microbiology (1 credit) <b>AND/OR</b> 8520 Pathophysiology (1 credit)  (2 credits)
<b>Pharmacy Technician</b>	8708 Principles of Health Science  (1 credit)	8514 MedTerm (D/ND)/ 8524 Prob & Sol (1.0) 8665 World Health Research (1.0)  (2 credits)	8515 Health Science  (2 credits)	8517 Practicum as Pharmacy Technician (2 credits)  (2 credits)
<b>Certified Nursing Assistant</b>	8708 Principles of Health Science  (1 credit)	8514 MedTerm (D/ND)/ 8524 Prob & Sol (1.0) 8665 World Health Research (1.0)  (2 credits)	8515 Health Science  (2 credits)	8516 Practicum Certified Nursing Assistant (1.0) <b>AND</b> 8520 Pathophysiology (1.0)  (2 credits)
<b>LVN</b>	8708 Principles of Health Science  (1 credit)	8514 MedTerm (D/ND)/ 8524 Prob & Sol (1.0) 8665 World Health Research (1.0)  (2 credits)	8535 LVN I  (3 credits)	8536 LVN II  (3 credits)

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<b>Hospitality and Tourism</b>	<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4<sup>th</sup> Year</b>
<b>Culinary Arts</b>	8525 Principles of Hospitality and Tourism  (1 credit)	8351 Restaurant Management (1.0) 8532 Lifetime Nutrition & Wellness (1.0) (2 credits)	8527 Culinary Arts (D/ND)  (2 credits)	8528 Practicum in Culinary Arts (D/ND)  (2 credits)
<b>Human Services</b>	<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4<sup>th</sup> Year</b>
<b>Cosmetology</b>	8697 Personal, Family, Career Development  (1 credit)	8486 Principles of Business, Marketing and Finance (0.5) 8492 Entrepreneurship (0.5) (1 credit)	8540 Cosmetology I D  (3 credits)	8541 Cosmetology II D  (3 credits)
<b>Information Technology</b>	<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4<sup>th</sup> Year</b>
<b>Internetworking Technology CISCO</b>	8542 BIM  (1 credit)	8597 Robotics Animation  (1 credit)	8600 Internetworking Technology I D  (2 credits)	8601 Internetworking Technology II D  (2 credits)
<b>Law, Public Safety, Corrections, and Security</b>	<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4<sup>th</sup> Year</b>
<b>Fire Academy</b>	8708 Principles of Health Science  (1 credit)		8555 Firefighter I D  (2 credits)	8556 Firefighter II D  (2 credits)
<b>Emergency Medical Technician</b>				8522 Emergency Medical Technician D (Spring-Seniors) (1 credit)
<b>Occupational Safety &amp; Environmental Technology - OSET</b>		8642 BIM Dual  (1 credit)	8811 OSET 1 D (1.0)/ 8407 Energy & Natural Resources Technology (1.0) (2 credits)	8812 OSET 2 D (1.0)/ 8530 Prob & Sol (1.0) (2 credits)
<b>Criminal Justice</b>	8542 BIM  (1 credit)		8550 Criminal Justice I D  (2 credits)	8551 Criminal Justice II D  (2 credits)
<b>Forensic Science</b>				8552 Forensic Science (1 credit, 4 <sup>th</sup> - yr science)

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<b>Manufacturing</b>	<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4th Year</b>
<b>Welding</b>	8707 Principles of Manufacturing (1 Credit)	8560 Welding (2 credits)	8561 Advanced Welding (D/ND) (2 credits)	8564 Practicum in Welding (D/ND) (2 credits)
<b>Science, Technology, Engineering, and Mathematics</b>	<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4th Year</b>
<b>Engineering: Project Lead The Way</b>	8587 Introduction to Engineering Design (1 credit)	8588 Principles of Engineering (1 credit)	8591 Aerospace Engineering (1 credit)	8590 Civil Engineering (1 credit)
<b>Principles of Technology</b>			8682 Principles of Technology (1 credit, 3rd - yr science)	8682 Principles of Technology (1 credit, 3rd - yr science)
<b>Math for Innovators</b>			8680 Math for Innovators (1 credit, 3rd - yr math)	8680 Math for Innovators (1 credit, 3rd - yr math)
<b>Electronics/Energy Tech</b>	8542 BIM (1 credit)	8597 Robotics Animation (1 credit)	8598 Electronics D (2 credits)	8599 Adv Electronics D (2 credits)
<b>Transportation, Distribution, and Logistics</b>	<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4th Year</b>
<b>Automotive Technology</b>	8706 Principles of Automotive Technology (1 credit)	8425 Automotive Technology (D/ND) (2 credits)	8426 Adv Automotive Tech (D/ND) (2 credits)	8429 Practicum in Automotive Technology (2 credits)
<b>Automotive Collision and Repair</b>	8706 Principles of Automotive Technology (1 credit)	8427 Collision Repair and Refinishing (2 credits)	8428 Advanced Collision Repair and Refinishing (2 credits)	8431 Practicum in Automotive Collision and Repair (2 credits)
<b>Career Prep</b>	<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4th Year</b>
<b>Career Prep</b>			8401 Career Prep I (2 credits) 8403 Career Prep I (3 credits)	8402 Career Prep II (2 credits) 8404 Career Prep II (3 credits)