

# Business, Management & Technology Career Path

## Career Cluster Sequence

	9th Grade	10th Grade	11th Grade	12th Grade
<p><b>Accounting &amp; Finance</b></p> <p>Careers: Accountant, Auditor, Financial Advisor, Banker</p>	Intro to Business <sup>^~</sup>	Intro to Business <sup>^~</sup> Accounting I Business Law* (.5) Business Management (.5) Business Spanish (.5) Project Research & Design <sup>~</sup> (.5 or 1)	Intro to Business <sup>^~</sup> Accounting I Business Law* (.5) Business Management (.5) Business Spanish (.5) Project Research & Design <sup>~</sup> (.5 or 1) Accounting II Supervised Business Employment <sup>~</sup> (.5) Professional Skills & Work Experience <sup>~</sup> (.5 or 1) Business Accelerator - NCAPS <sup>*~</sup> (3) Global Business & Logistics - NCAPS <sup>*~</sup> (3)	Intro to Business <sup>^~</sup> Accounting I Business Law* (.5) Business Management (.5) Business Spanish (.5) Project Research & Design <sup>~</sup> (.5 or 1) Accounting II Supervised Business Employment <sup>~</sup> (.5) Professional Skills & Work Experience <sup>~</sup> (.5 or 1) Business Accelerator - NCAPS <sup>*~</sup> (3) Global Business & Logistics - NCAPS <sup>*~</sup> (3)
<p><b>Marketing &amp; Business Management</b></p> <p>Careers: Sales Manager, Small Business Owner, Marketing Specialist</p>	Intro to Business <sup>^~</sup> Marketing I & II (.5 or 1)	Intro to Business <sup>^~</sup> Marketing I & II (.5 or 1) Business Law* (.5) Business Management (.5) Business Spanish (.5) Project Research & Design <sup>~</sup> (.5 or 1)	Intro to Business <sup>^~</sup> Marketing I & II (.5 or 1) Business Law* (.5) Business Management (.5) Business Spanish (.5) Project Research & Design <sup>~</sup> (.5 or 1) Sports/Entertainment Marketing (.5) Marketing & Communications Internship <sup>~</sup> (.5 or 1) Supervised Business Employment (.5) Professional Skills & Work Experience <sup>~</sup> (.5 or 1) Business Accelerator - NCAPS <sup>*~</sup> (3) Global Business & Logistics - NCAPS <sup>*~</sup> (3) Digital Media & Design - NCAPS <sup>*~</sup> (3)	Intro to Business <sup>^~</sup> Marketing I & II (.5 or 1) Business Law* (.5) Business Management (.5) Business Spanish (.5) Project Research & Design <sup>~</sup> (.5 or 1) Sports/Entertainment Marketing (.5) Marketing & Communications Internship <sup>~</sup> (.5 or 1) Supervised Business Employment (.5) Professional Skills & Work Experience <sup>~</sup> (.5 or 1) Business Accelerator - NCAPS <sup>*~</sup> (3) Global Business & Logistics - NCAPS <sup>*~</sup> (3) Digital Media & Design - NCAPS <sup>*~</sup> (3)
<p><b>Information Technology</b></p> <p>Careers: Computer Programmer, Software Developer, Network Administrator, Systems Analyst</p>	Intro to Business <sup>^~</sup> Computer Programming I - IV <sup>~</sup> (.5 each)	Intro to Business <sup>^~</sup> Computer Programming I - IV <sup>~</sup> (.5 each) Business Law* (.5) Business Management (.5) Business Spanish (.5) Project Research & Design <sup>~</sup> (.5 or 1)	Intro to Business <sup>^~</sup> Computer Programming I - IV <sup>~</sup> (.5 each) Business Law* (.5) Business Management (.5) Business Spanish (.5) Project Research & Design <sup>~</sup> (.5 or 1) Supervised Business Employment (.5) Professional Skills & Work Experience <sup>~</sup> (.5 or 1) Business Accelerator - NCAPS <sup>*~</sup> (3) Global Business & Logistics - NCAPS <sup>*~</sup> (3) Digital Media & Design - NCAPS <sup>*~</sup> (3) IT Professionals I - NCC <sup>*~</sup> (3.5)	Intro to Business <sup>^~</sup> Computer Programming I - IV <sup>~</sup> (.5 each) Business Law* (.5) Business Management (.5) Business Spanish (.5) Project Research & Design <sup>~</sup> (.5 or 1) Supervised Business Employment (.5) Professional Skills & Work Experience <sup>~</sup> (.5 or 1) Business Accelerator - NCAPS <sup>*~</sup> (3) Global Business & Logistics - NCAPS <sup>*~</sup> (3) Digital Media & Design - NCAPS <sup>*~</sup> (3) IT Professionals I - NCC <sup>*~</sup> (3.5) IT Professionals II - NCC <sup>*~</sup> (3.5)

Courses are 1 credit unless otherwise specified

\*Course includes college credit option

#Course is repeatable

^Course fulfills Speech requirement

~MVA Opportunity

# Arts & Communication Career Path

## Career Cluster/Path Sequence

	9th Grade	10th Grade	11th Grade	12th Grade
<p><b>Performing Arts</b></p> <p>Careers: Producer/Director, Drama Teacher, Music Director, Musician, Stage Director</p>	Advanced Instrumental Music# Jazz Band Ensemble# Lakeside Singers# Mixed Choir# Tenor/Bass Choir# Music Appreciation I & II (.5 each) Music Theory Theatre Arts I & II (.5 each)	Advanced Instrumental Music# Jazz Band Ensemble# Lakeside Singers# Mixed Choir# Tenor/Bass Choir# Music Appreciation I & II (.5 each) Music Theory Theatre Arts I & II (.5 each) Competitive Debate^ Competitive Forensics^	Advanced Instrumental Music# Jazz Band Ensemble# Lakeside Singers# Mixed Choir# Tenor/Bass Choir# Music Appreciation I & II (.5 each) Music Theory Theatre Arts I & II (.5 each) Competitive Debate^ Competitive Forensics^ Theatre Ensemble# (.5 or 1) Theatre Production# (.5 or 1)	Advanced Instrumental Music# Jazz Band Ensemble# Lakeside Singers# Mixed Choir# Tenor/Bass Choir# Music Appreciation I & II (.5 each) Music Theory Theatre Arts I & II (.5 each) Competitive Debate^ Competitive Forensics^ Theatre Ensemble# (.5 or 1) Theatre Production# (.5 or 1) Theatre Production Internship (.5 or 1)~
<p><b>Visual Arts</b></p> <p>Careers: Art Director, Fashion Designer, Graphic Designer, Interior Designer, Curator</p>	Art Foundations (.5) Art History (.5) Ceramics (.5) Sculpture (.5) 2-D Art (.5) Fashion & Textiles Housing & Interior Design (.5)	Art Foundations (.5) Art History (.5) Ceramics (.5) Sculpture (.5) 2-D Art (.5) Fashion & Textiles Housing & Interior Design (.5)	Art Foundations (.5) Art History (.5) Ceramics (.5) Sculpture (.5) 2-D Art (.5) Fashion & Textiles Housing & Interior Design (.5) Art Exploration Fashion & Textiles II*~ Theatre Production# (.5 or 1) Digital Media & Design - NCAPS*~ (3)	Art Foundations (.5) Art History (.5) Ceramics (.5) Sculpture (.5) 2-D Art (.5) Fashion & Textiles Housing & Interior Design (.5) Art Exploration Fashion & Textiles II*~ Theatre Production# (.5 or 1) Digital Media & Design - NCAPS*~ (3) Senior Studio Theatre Production Internship~ (.5 or 1)
<p><b>Journalism &amp; Broadcasting</b></p> <p>Careers: News Reporters, Professional Bloggers &amp; Podcasters, Broadcast Technicians, Writers</p>	Introduction to Broadcast Journalism (.5) Introduction to Yearbook (.5) Competitive Debate^ Competitive Forensics^ Theatre Arts I & II (.5 each)	Introduction to Broadcast Journalism (.5) Introduction to Yearbook (.5) Competitive Debate^ Competitive Forensics^ Theatre Arts I & II (.5 each) Creative Writing (.5) Advanced Creative Writing (.5) Advanced Journalism: Events Broadcasting Advanced Journalism: News Broadcasting Advanced Journalism: Yearbook#	Introduction to Broadcast Journalism (.5) Introduction to Yearbook (.5) Competitive Debate^ Competitive Forensics^ Theatre Arts I & II (.5 each) Creative Writing (.5) Advanced Creative Writing (.5) Advanced Journalism: Events Broadcasting Advanced Journalism: News Broadcasting Advanced Journalism: Yearbook# Literature & Film Studies (.5) AP Language & Composition*~ Theatre Ensemble# (.5 or 1) Theatre Production# (.5 or 1) Digital Media & Design - NCAPS*~ (3)	Introduction to Broadcast Journalism (.5) Introduction to Yearbook (.5) Competitive Debate^ Competitive Forensics^ Theatre Arts I & II (.5 each) Creative Writing (.5) Advanced Creative Writing (.5) Advanced Journalism: Events Broadcasting Advanced Journalism: News Broadcasting Advanced Journalism: Yearbook# Literature & Film Studies (.5) AP Language & Composition*~ Theatre Ensemble# (.5 or 1) Theatre Production# (.5 or 1) Digital Media & Design - NCAPS*~ (3) Theatre Production Internship~ (.5 or 1)

Courses are 1 credit unless otherwise specified

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# Human Services Career Path

## Career Cluster Sequence

	9th Grade	10th Grade	11th Grade	12th Grade
<b>Education &amp; Training</b>  Careers: Teacher, Superintendent, Principal	Child Development I (.5) Child Development II (.5)	Child Development I (.5) Child Development II (.5) Sociology I (.5)	Child Development I (.5) Child Development II (.5) Sociology I (.5) Cadet Teaching*~ (1.5) Child Development Internship~ Psychology AP Psychology*~ Teaching Professions I - NCC*~ (3.5)	Child Development I (.5) Child Development II (.5) Sociology I (.5) Cadet Teaching* (1.5) Child Development Internship~ Psychology AP Psychology*~ Teaching Professions I - NCC*~ (3.5) Teaching Professions II - NCC*~ (3.5)
<b>Government &amp; Law</b>  Careers: Police Officer, Lawyer, County Clerk, Mayor, Public Policy Analyst	Intro to Business^~ Competitive Forensics^ Competitive Debate^	Intro to Business^~ Competitive Forensics^ Competitive Debate^ Criminal Justice (.5) Sociology (.5) Business Management (.5) Business Law*~ (.5)	Intro to Business^~ Competitive Forensics^ Competitive Debate^ Criminal Justice (.5) Sociology (.5) Business Management (.5) Business Law*~ (.5) Forensic Science (.5) AP Comp Government & Politics* (.5) AP US Government & Politics* (.5) Global Business & Logistics - NCAPS*~ (3) Law Enforcement/Crime Scene Investigation I-NCC*~ (3.5)	Intro to Business^~ Competitive Forensics^ Competitive Debate^ Criminal Justice (.5) Sociology (.5) Business Management (.5) Business Law*~ (.5) Forensic Science (.5) AP Comp Government & Politics (.5) AP US Government & Politics (.5) Global Business & Logistics - NCAPS*~ (3) Law Enforcement/Crime Scene Investigation I-NCC*~ (3.5) Law Enforcement/Crime Scene Investigation II-NCC*~ (3.5)
<b>Hospitality &amp; Tourism</b>  Careers: Hotel Manager, Restaurant Manager, Travel Agent	Intro to Business~ Fashion & Textiles Housing & Interior Design (.5) Intro to Foods (.5) Food Science (.5)	Intro to Business~ Fashion & Textiles Housing & Interior Design (.5) Intro to Foods (.5) Food Science (.5) International Foods (.5) Business Law*~ (.5) Business Management (.5)	Intro to Business~ Fashion & Textiles Housing & Interior Design (.5) Intro to Foods (.5) Food Science (.5) International Foods (.5) Business Law*~ (.5) Business Management (.5) Fashion & Textiles II Supervised Business Employment~ (.5 ) Business Accelerator - NCAPS*~ (3) Global Business & Logistics - NCAPS*~ (3) Culinary Arts I - NCC*~ (3)	Intro to Business~ Fashion & Textiles Housing & Interior Design (.5) Intro to Foods (.5) Food Science (.5) International Foods (.5) Business Law*~ (.5) Business Management (.5) Fashion & Textiles II Supervised Business Employment~ (.5 ) Business Accelerator - NCAPS*~ (3) Global Business & Logistics - NCAPS*~ (3) Culinary Arts I - NCC*~ (3) Culinary Arts II - NCC*~ (3)
<b>Human Services</b>  Careers: Mental Health Counselor, Child Care Worker, Social Worker, Cosmetologist	Intro to Business~ Child Development I (.5) Child Development II (.5)	Intro to Business^~ Child Development I (.5) Child Development II (.5) Sociology (.5) Business Law*~ (.5) Business Management (.5)	Intro to Business^~ Child Development I (.5) Child Development II (.5) Sociology (.5) Business Law*~ (.5) Business Management (.5) Psychology AP Psychology* Medical Interventions Supervised Business Employment~ (.5 ) Medicine & Healthcare - NCAPS*~ (3.5) Health Sciences I - NCC*~ (3)	Intro to Business^~ Child Development I (.5) Child Development II (.5) Sociology (.5) Business Law*~ (.5) Business Management (.5) Psychology AP Psychology* Medical Interventions Supervised Business Employment~ (.5 ) Medicine & Healthcare - NCAPS*~ (3.5) Health Sciences I - NCC*~ (3) Health Sciences II - NCC*~ (3)

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# Health Services Career Path

## Career Cluster Sequence

	9th Grade	10th Grade	11th Grade	12th Grade
<p style="text-align: center;"><b>Health Science</b></p> <p>Careers: Doctor, Nurse, Veterinarian, Chiropractor, Dentist, Physical Therapist, Dermatologist</p>	Intro to Foods (.5) Food Science Child Development I (.5) Child Development II (.5) Principles of Biomedical Science PLTW Sports Medicine/Athletic Training I (.5) Lifetime Sports (.5 or 1)	Intro to Foods (.5) Food Science Child Development I (.5) Child Development II (.5) Principles of Biomedical Science PLTW Sports Medicine/Athletic Training I (.5) Lifetime Sports (.5 or 1) Sociology (.5 ) Business Law*~ (.5) Business Management (.5) Human Body Systems PLTW Sports Medicine/Athletic Training II (.5) Medical Spanish (.5)	Intro to Foods (.5) Food Science Child Development I (.5) Child Development II (.5) Principles of Biomedical Science PLTW Sports Medicine/Athletic Training I (.5) Lifetime Sports (.5 or 1) Sociology (.5 ) Business Law*~ (.5) Business Management (.5) Human Body Systems PLTW Sports Medicine/Athletic Training II (.5) Medical Spanish (.5) Anatomy & Physiology (.5) Psychology AP Psychology*~ Chemistry Medical Interventions Medicine & Healthcare - NCAPS*~ (3.5) Health Sciences I - NCC*~ (3)	Intro to Foods (.5) Food Science Child Development I (.5) Child Development II (.5) Principles of Biomedical Science PLTW Sports Medicine/Athletic Training I (.5) Lifetime Sports (.5 or 1) Sociology (.5 ) Business Law*~ (.5) Business Management (.5) Human Body Systems PLTW Sports Medicine/Athletic Training II (.5) Medical Spanish (.5) Anatomy & Physiology (.5) Psychology AP Psychology*~ Chemistry Medical Interventions Medicine & Healthcare - NCAPS*~ (3.5) Health Sciences I - NCC*~ (3) Health Sciences II - NCC*~ (3) College Biology*~ College Chemistry*~

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# Natural Resources & Agriculture Career Path

## Career Cluster Sequence

	9th Grade	10th Grade	11th Grade	12th Grade
<b>Agriculture, Food &amp; Natural Resources</b>  Careers: Farmer, Environmental Engineer, Pest Control Workers, Water Treatment Plant Operators, Food Scientists	Intro to Agriculture, Food & Natural Resources**~ Introduction to Foods (.5) Principles of Biomedical Science PLTW	Intro to Agriculture, Food & Natural Resources**~ Introduction to Foods (.5) Principles of Biomedical Science PLTW Equine Science**~ - offered 25/26 & 28/29 Animal Science**~ - offered 23/24 & 26/27 Veterinary Science**~ - offered 24/25 & 27/28 Earth & Space Science (.5 ) Human Body Systems Oceanography (.5)	Intro to Agriculture, Food & Natural Resources**~ Introduction to Foods (.5) Principles of Biomedical Science PLTW Equine Science**~ - offered 25/26 & 28/29 Animal Science**~ - offered 23/24 & 26/27 Veterinary Science**~ - offered 24/25 & 27/28 Earth & Space Science (.5 ) Human Body Systems Oceanography (.5) Agriculture Communications Agricultural Construction Agricultural Tractor Power CASE Agricultural Power & Technology Supervised Agricultural Experience Co-op~ College Physical Geography**~ Medical Interventions PLTW Zoology (.5 ) Agricultural Sciences- Animal Systems NCC**~ (3) Agricultural Sciences- Plant Systems NCC**~ (3)	Intro to Agriculture, Food & Natural Resources**~ Introduction to Foods (.5) Principles of Biomedical Science PLTW Equine Science**~ - offered 25/26 & 28/29 Animal Science**~ - offered 23/24 & 26/27 Veterinary Science**~ - offered 24/25 & 27/28 Earth & Space Science (.5 ) Human Body Systems Oceanography (.5) Agriculture Communications Agricultural Construction Agricultural Tractor Power CASE Agricultural Power & Technology Supervised Agricultural Experience Co-op~ College Physical Geography**~ Medical Interventions PLTW Zoology (.5 ) Agricultural Sciences- Animal Systems NCC**~ (3) Agricultural Sciences- Plant Systems NCC**~ (3) College Biology**~ College Chemistry**~

Courses are 1 credit unless otherwise specified

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#Course is repeatable

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# Industrial & Engineering Technology Career Path

## Career Cluster Sequence

	9th Grade	10th Grade	11th Grade	12th Grade
<p><b>Architecture &amp; Construction</b></p> <p>Careers: Architects, GIS Specialists, Civil Engineers, Drafters, Electrician, Plumber, Carpenter</p>	<p>Intro to Engineering Design 2-D Art (.5) Housing &amp; Interior Design (.5)</p>	<p>Intro to Engineering Design*~ 2-D Art (.5) Housing &amp; Interior Design (.5) Civil Engineering &amp; Architecture*~ Principles of Engineering*~</p>	<p>Intro to Engineering Design*~ 2-D Art (.5) Housing &amp; Interior Design (.5) Civil Engineering &amp; Architecture*~ Principles of Engineering*~ AP Physics I: Algebra Based Agricultural Construction Construction Technology I - NCC* (3.5) Heating, Cooling &amp; Climate Control I - NCC* (3.5) Industrial Welding I - NCC* (3.5)</p>	<p>Intro to Engineering Design*~ 2-D Art (.5) Housing &amp; Interior Design (.5) Civil Engineering &amp; Architecture*~ Principles of Engineering*~ AP Physics I: Algebra Based Agricultural Construction Construction Technology I - NCC* (3.5) Heating, Cooling &amp; Climate Control I - NCC* (3.5) Industrial Welding I - NCC* (3.5) AP Physics C: Mechanics Construction Technology II - NCC* (3.5) Heating, Cooling &amp; Climate Control II - NCC* (3.5) Industrial Welding II - NCC* (3.5)</p>
<p><b>Manufacturing</b></p> <p>Careers: Welders &amp; Solderers, Tool &amp; Die Makers, Quality Control Inspectors, Manufacturing Production Technicians</p>	<p>Intro to Engineering Design</p>	<p>Intro to Engineering Design*~ Principles of Engineering</p>	<p>Intro to Engineering Design*~ Principles of Engineering Agricultural Construction CASE Agricultural Power &amp; Technology Industrial Welding I - NCC* (3.5) KC Tech Academy I - NCC* (3.5) Engineering &amp; Advanced Manufacturing - NCAPS* (3)</p>	<p>Intro to Engineering Design*~ Principles of Engineering Agricultural Construction CASE Agricultural Power &amp; Technology Industrial Welding I - NCC* (3.5) KC Tech Academy I - NCC* (3.5) Engineering &amp; Advanced Manufacturing - NCAPS* (3) Industrial Welding II - NCC* (3.5) KC Tech Academy II - NCC* (3.5)</p>
<p><b>Science, Technology, Engineering &amp; Mathematics</b></p> <p>Careers: Aerospace Engineers, Chemical Engineers, Industrial Engineer, Marine Biologists, Physicists, Environmental Scientists</p>	<p>Intro to Engineering Design Computer Programming I - IV~ (.5 each)</p>	<p>Intro to Engineering Design*~ Computer Programming I - IV~ (.5 each) Civil Engineering &amp; Architecture*~ Principles of Engineering*~</p>	<p>Intro to Engineering Design*~ Computer Programming I - IV~ (.5 each) Civil Engineering &amp; Architecture*~ Principles of Engineering*~ AP Physics I: Algebra Based*~ AP Calculus AB*~ Chemistry Math Analysis*~ College Physical Geography*~ Engineering &amp; Advanced Manufacturing - NCAPS*~ (3)</p>	<p>Intro to Engineering Design*~ Computer Programming I - IV~ (.5 each) Civil Engineering &amp; Architecture*~ Principles of Engineering*~ AP Physics I: Algebra Based*~ AP Calculus AB*~ Chemistry Math Analysis*~ College Physical Geography*~ Engineering &amp; Advanced Manufacturing - NCAPS*~ (3) AP Physics C: Mechanics*~ College Chemistry*~ College Biology*~ AP Calculus BC*~</p>
<p><b>Transportation, Distribution &amp; Logistics</b></p> <p>Careers: Airplane Pilots, Ship Captains, Air Traffic Controllers, Heavy Truck Drivers, Auto Mechanics, Dispatchers, Distribution Center Managers Managers</p>	<p>Intro to Engineering Design</p>	<p>Intro to Engineering Design*~ Principles of Engineering*~</p>	<p>Intro to Engineering Design*~ Principles of Engineering*~ Agricultural Tractor Power Agricultural Construction CASE Agricultural Power &amp; Technology Aviation Technology I - NCC*~ (3.5) Diesel Technology I - NCC~ (3.5) Heating, Cooling &amp; Climate Control I - NCC*~ (3.5) Industrial Welding I - NCC*~ (3.5)</p>	<p>Intro to Engineering Design*~ Principles of Engineering*~ Agricultural Tractor Power Agricultural Construction CASE Agricultural Power &amp; Technology Aviation Technology I - NCC*~ (3.5) Diesel Technology I - NCC~ (3.5) Heating, Cooling &amp; Climate Control I - NCC*~ (3.5) Industrial Welding I - NCC*~ (3.5) Aviation Technology II - NCC*~ (3.5) Diesel Technology II - NCC~ (3.5) Heating, Cooling &amp; Climate Control II - NCC*~ (3.5) Industrial Welding II - NCC*~ (3.5)</p>

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