

Career/Technical Requirements for College Tech Prep and Career Prep Courses of Study for Entering Ninth Graders of 2004-05 (Career Plan 6)

Agricultural and Natural Resources Technologies

No.	
6145	Career Management
6235/6615	Small Business/Entrepreneurship: BE/ME
6411	Computer Applications I
6514	Digital Communication Systems
6810	Agriscience Applications
6811	Agricultural Production I
6812	Agricultural Production II*
6821	Animal Science I
6822	Animal Science II*
6823	Animal Science II - Small Animal*
6825	Equine Science I
6826	Equine Science II*
6831	Agricultural Mechanics I
6832	Agricultural Mechanics II*
6833	Agricultural Mechanics II - Small Engines*
6841	Horticulture I
6842	Horticulture II*
6843	Horticulture II - Turf Grass*
6851	Environmental & Natural Resources I
6852	Environmental & Natural Resources II*
6871	Biotechnology and Agriscience Research I
6872	Biotechnology and Agriscience Research II*
6882	Horticulture II - Landscape Construction*
6896	Agricultural Apprenticeship Method*
6899	Agricultural Advanced Studies*
68976/6898	Agricultural Co-op Method/Internship
7661	Welding Technology I
7801/8006	Scientific and Technical Visualization I/T&I/TE
7921	Drafting I

Biological and Chemical Technologies

No.	
6145	Career Management
6235/6615	Small Business/Entrepreneurship: BE/ME
6411	Computer Applications I
6514	Digital Communication Systems
6871	Biotechnology and Agriscience Research I
7015	Teen Living
7045	Foods I - Fundamentals
7046	Foods II – Advanced
7085	Life Management
7121	Culinary Arts and Hospitality I
7196	Family and Consumer Sciences Apprenticeship Method*
71976/7198	Family and Consumer Sciences Co-op Method/Internship
7199	Family and Consumer Sciences Advanced Studies*
7200	Biomedical Technology
7901/8006	Scientific and Technical Visualization I
8011	Principles of Technology I
8110	Fundamentals of Technology
7075	Foods II - Food Science*

Business Technologies

No.	
2508	Advanced Placement (AP) Computer Science A
2512	Advanced Placement (AP) Computer Science AB
6145	Career Management
6200/6600	Principles of Business and Personal Finance: BE/ME
6215	Business Law
6225	Business Management and Applications*
6227/6640	International Baccalaureate (IB) Business Management: BE/ME
6235/6615	Small Business/Entrepreneurship:* BE/ME

**Four credits must be completed in a pathway, one of which must be a starred (capstone) course*

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Business Technologies – Cont'd.

No.	
6311	Computerized Accounting I
6312	Computerized Accounting II*
6334/6648	National Academy Foundation (NAF) Academy of Finance I: BE/ME
6335/6649	National Academy Foundation (NAF) Academy of Finance II: BE/ME*
6340	Foundations of Information Technology
6341/7980	Networking I: BE/T&I
6345/6347/6346	Network Administration II*
6411	Computer Applications I
6412	Computer Applications II*
6421	Computer Programming I
6422	Computer Programming II*
6423	National Academy Foundation (NAF) of Information Technology I
6424	National Academy Foundation (NAF) of Informational Technology II: BE*
6430	International Baccalaureate (IB) Information Technology
6514	Digital Communication Systems
6415	e-Commerce I
6416	e-Commerce II*
6535	Business and Electronic Communications
6596	Business Apprenticeship Method*
6597/6598	Business Co-op Method/Internship
6599	Business Advanced Studies*
6646	National Academy Foundation (NAF) Academy of Travel and Tourism I
6647	National Academy Foundation (NAF) Academy of Travel and Tourism II*
6621	Marketing
6622	Marketing Management*
6626	Strategic Marketing*
6631	Fashion Merchandising

6645	Travel, Tourism, and Recreation Marketing*
6665	Marketing Technology and Media*
6696	Marketing Apprenticeship Method*
6697/6698	Marketing Co-op Method/Internship
6699	Marketing Advanced Studies*
6670	Sports and Entertainment Marketing I
6671	Sports and Entertainment Marketing II*
7991	Computer Engineering Technology I
7981/7983	Networking Engineering Technology II

Commercial and Artistic Production Technologies

No.	
6145	Career Management
6235/6615	Small Business/Entrepreneurship: BE/ME
6411	Computer Applications I
6514	Digital Communication Systems
6631	Fashion Merchandising
7015	Teen Living
7035	Apparel Development I
7036	Apparel Development II*
7055	Housing and Interiors I
7056	Housing and Interiors II*
7085	Life Management
7196	Family & Consumer Sciences Apprenticeship Method*
7197/7198	Family and Consumer Sciences Co-op Method/Internship
7199	Family and Consumer Sciences Advanced Studies*
7400	Introduction to Trade and Industrial Education
7821	Trade and Industrial Cooperative Training I
7901/8006	Scientific & Technology Visualization I
7911	Printing Graphics I
7912	Printing Graphics II*
7921	Drafting I
7935	Digital Media I

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Commercial and Artistic Production Technologies -Cont'd.

No.	
7936	Digital Media II*
7996	Trade & Industrial Apprenticeship Method*
79976/7998	Trade & Industrial Co-op Method/Internship
7999	Trade & Industrial Advanced Studies*
8110	Fundamentals of Technology
8125	Communications Systems

Construction Technologies

No.	
6145	Career Management
6235/6615	Small Business/Entrepreneurship: BE/ME
6411	Computer Applications I
6514	Digital Communication Systems
6831	Agricultural Mechanics I
7055	Housing and Interiors I
7400	Intro to Trade & Industrial Education (ITIE)
7621	Furniture and Cabinetmaking I
7622	Furniture and Cabinetmaking II*
7661	Welding Technology
7711	Masonry I
7712	Masonry II*
7713	Masonry III
7721	Construction Technology I
7722	Construction Technology II*
7723	Construction Technology III
7741	Electrical Trades I
7742	Electrical Trades II*
7821	Trade and Industrial Cooperative Training I
7921	Drafting I
7962	Drafting II - Architectural*
7963	Drafting III- Architectural
7996	Trade & Industrial Apprenticeship Method*
79976/7898	Trade & Industrial Co-op Method/Internship

7999	Trade and Industrial Advanced Studies*
8011	Principles of Technology I
8110	Fundamentals of Technology
8141	Structural Systems

Engineering Technologies

No.	
6145	Career Management
6235/6615	Small Business/Entrepreneurship: BE/ME
6340	Foundations of Information Technology
6345/6347/6346	Networking Administration II
6411	Computer Applications I
6514	Digital Communication Systems
7400	Intro to Trade & Industrial Education (ITIE)
7631	Electronics I
7632	Electronics II*
7821	Trade and Industrial Cooperative Training I
7901/8006	Scientific and Technical Visualization I
7902/8007	Scientific and Technical Visualization II*
7921	Drafting I
7935	Digital Media I
7972	Drafting II - Engineering*
7973	Drafting III – Engineering
7980/6341	Networking I: T&I/BE
7981/7983	Networking Engineering Technology II*
7982/7984	Networking Engineering Technology III
7991	Computer Engineering Technology I
7992	Computer Engineering Technology II*
7996	Trade & Industrial Apprenticeship Method*
79976/7998	Trade & Industrial Education Co-op Method/Internship
7999	Trade & Industrial Advanced Studies*
8005	Technology Advanced Studies*
8011	Principles of Technology I
8012	Principles of Technology II*
8110	Fundamentals of Technology

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Engineering Technologies – Cont'd.

No.	
8115	Manufacturing Systems*
8120	PLTW Pre-Engineering I
8121	PLTW Pre-Engineering II*
8125	Communication Systems*
8126	Transportation Systems*
8141	Structural Systems*
8190	Technology Apprenticeship Method/Internship
8196	Technology Apprenticeship Method*
8198	Technology Education Careers Internship

Health Sciences

No.	
6145	Career Management
6235/6615	Small Business/Entrepreneurship: BE/ME
6411	Computer Applications I
6514	Digital Communication Systems
7045	Foods I - Fundamentals
7065	Parenting and Child Development
7200	Biomedical Technology
7210	Health Team Relations
7211	Allied Health Sciences I
7212	Allied Health Sciences II*
7221	Medical Sciences I
7222	Medical Sciences II*
7296	Health Science Apprenticeship Method*
7298	Health Careers Internship
7299	Health Science Advanced Studies*
7300	

Industrial Technologies

No.	
6145	Career Management
6235/6615	Small Business/Entrepreneurship: BE/ME
6411	Computer Applications I
6514	Digital Communication Systems
7400	Intro to Trade & Industrial Education (ITIE)
7631	Electronics I
7641	Metals Manufacturing Technology I
7642	Metals Manufacturing Technology II*
7661	Welding Technology I
7662	Welding Technology II*
7821	Trade and Industrial Cooperative Training I
7822	Trade and Industrial Cooperative Training II*
7921	Drafting I
7996	Trade & Industrial Apprenticeship Method*
7997/7998	Trade & Industrial Co-op Method/Internship
7999	Trade and Industrial Advanced Studies*
8011	Principles of Technology I
8012	Principles of Technology II
8110	Fundamentals of Technology
8115	Manufacturing Systems

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Public Service Technologies

No.	
6145	Career Management
6235/6615	Small Business/Entrepreneurship: BE/ME
6411	Computer Applications I
6514	Digital Communication Systems
7015	Teen Living
7035	Apparel Development I
7045	Foods I - Fundamentals
7046	Foods II - Advanced*
7055	Housing and Interiors I
7065	Parenting & Child Development
7085	Life Management
7111	Early Childhood Education I
7112	Early Childhood Education II*
7121	Culinary Arts and Hospitality I
7122	Culinary Arts and Hospitality II*
7196	Family & Consumer Sciences Apprenticeship Method*
71976/7198	Family & Consumer Sciences Co-op Method/Internship
7199	Family & Consumer Sciences Advanced Studies*
7810	Cosmetology - Introduction
7811	Cosmetology I
7812	Cosmetology II*

Transport Systems Technologies

No.	
6145	Career Management
6235/6615	Small Business/Entrepreneurship: BE/ME
6411	Computer Applications I
6514	Digital Communication Systems
7400	Intro to Trade & Industrial Education (ITIE)
7511	Automotive Service Technology I
7512	Automotive Service Technology II*
7513	Automotive Service Technology III
7521	Collision Repair Technology I
7522	Collision Repair Technology II*
7631	Electronics I
7921	Drafting I
7996	Trade & Industrial Apprenticeship Method*
79976/7998	Trade & Industrial Co-op Method/Internship
7999	Trade and Industrial Advanced Studies*
8011	Principles of Technology I
8110	Fundamentals of Technology
8125	Transportation Systems
7821	Trade and Industrial Cooperative Training I

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