

ISD 709 Career and Technical Education
 aligned with Minnesota Career Fields, Clusters & Pathways
 Proposed Scope and Sequence

Revised, 12/3/2009

Business Management & Administration

Human Services

Engineering, Manufacturing & Technology

Middle School Tracks (Both Middle Schools)

Computers 6
 Business Education
 (9 weeks – Grade 6)

Computers 7
 Business Education
 (9 weeks – Grade 7)

Computer Topics 8
Tech & Your Future with Office 2007
 (Semester)

Computer Applications 8
Graphics, Presentation & Web Design
 (Semester)

FACS 6
 Family, Community, Diversity & Tolerance
 (9 weeks – Grade 6)

FACS 7
 Family, Community, Diversity & Tolerance
 (9 weeks – Grade 7)

Family, Food, Diversity & Tolerance
 (FACS 8) (Semester)

Food Science & Nutrition (FACS 8)
 (Semester)

Pre Engineering 6
 (Project Lead the Way)
 (9 weeks – Grade 6)

Pre Engineering 7
 (Project Lead the Way)
 (9 weeks – Grade 7)

Pre –Engineering Design & Modeling 8 (PLTW)
 (Semester)

Pre –Engineering Prototype Fabrication 8 (PLTW)
 (Semester)

High School Tracks (Both High Schools)

Economics Courses

Business Management Courses

Marketing Courses

Family & Community Service Courses

Food Science Wellness & Nutrition Courses

Manufacturing & Fabrication Courses

Engineering & Architecture Courses

Economics & Pers. Finance I
 Semester

Computer Essentials
 Semester

Accounting I
 Year Long

Marketing I
 Year Long

Child Development & Child Psychology
 Semester

Food Science & Nutrition
 Semester

Manuf. & Fabric. For Industry I
 Semester

Intr to Engineering & Design (PLTW)
 Year Long

Civil Engineering & Architect. (PLTW)
 Year Long

Principles of Engineer. (PLTW)
 Year Long

Economics & Pers Finance II
 Semester

Computer Graphics
 Semester

Accounting II
 Year Long

Marketing II
 Year Long

Sustainable Housing Design & Technology
 Semester

Foods & Healthy Living
 Semester

Manuf. & Fabric. For Industry II
 Year Long

CAD for Engineer. & Industry I
 Semester

CAD for Architecture I
 Semester

Computer Applications
 Semester

Independent Living
 Semester

Global Cuisine & Cultural Appreciation
 Semester

Manuf. & Fabric. For Industry III
 Year Long

CAD for Engineer. & Industry II
 Semester

CAD for Architecture II
 Semester

Advanced Computers I
 Year Long

Advanced Computers II
 Year Long

Career Development Internship - TBD

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STC Programming

**Culinary Arts Courses
(Both High Schools)**

Artistry of Foods I – Bakery Focus Semester	Deli - Management Semester	Introduction to Foods Semester	Waiter / Waitress Semester
Artistry of Foods II – Design Elements Semester	Advanced Deli Management Semester	International Cooking Semester	Restaurant Management Semester
		Classical Cooking Semester	

**Early Childhood & Educ. Profession Courses
(Western High School)**

Early Childhood and Education Professions Year Long

**Automotive Courses
(Western High School)**

Automotive Systems I Year Long	Automotive Technology I Year Long
Automotive Systems II Year Long	Automotive Technology II Year Long
Power Sports Proposed Course	

**Construction Technology
(Eastern High School)**

Construction Technology I Year Long
Construction Technology II Year Long
Construction Technology III Year Long

STC Programming

Arts, Communications & Information Systems

Graphic Arts / Digital Design Courses @ Both High Schools

Graphic Arts & Digital Design I Year Long
Graphic Arts & Digital Design II Year Long
Graphic Arts & Digital Design III Year Long

Health Science Technology

Medical Occupations Courses @ Both High Schools

CITS Honors Intro to Nursing/ Home Health Aide Semester
CITS Honors Medical Occupations Semester
ARC: First Aide & CPR/ARD For Professional Rescuer Semester
Bio Medical Occupations Proposed Course

Agriculture Food & Natural Resources

Agriculture, Forestry & Natural Resources Courses @ Eastern High School

Plant Science & Greenhouse Semester	Forestry, Fish & Wildlife Semester	Field Biology Semester
Landscape & Horticulture Semester	Green Tech. & The Environment Semester	