

THIS IS THE 2007-2012 REVISED LIST OF CAREER + TECHNICAL EDUCATION 'UNIVERSAL'S', WHICH ARE EXPLORATORY CTE COURSES THAT EVERY COMPREHENSIVE HIGH SCHOOL WITH OVER 900 STUDENTS SHOULD OFFER:

ALL PATHWAYS (Can be taught by any CTE teacher with the specific endorsement)

1. Applied Math

Math skills used at home, at work, and in everyday life may be reinforced when applied math is taught through 'Consumer and Family Resources', a course which explores math as Financial Literacy for individuals and families.

All pathways may offer the course with qualified instructors.

2. Career Choices

Laying a good foundation for students to explore career interests and develop personalized high school and future plans, this 'qualifying' pre-requisite course assists students in getting ready for safe worksite learning experiences. Students connect to their future through internships, job shadows, voluntary and paid experiences, learning life-long skills and meeting mentors who will help them with their employability as well as build a resume. All pathways may offer the course with qualified instructors.

ARTS, COMMUNICATIONS, + MEDIA

3. Technical Theater

Students will leave the program with a presentable portfolio as well as contacts in the Seattle theatre scene, granting the possibility of immediate internships and/or paid employment.

4. Television Production/Video

Students become familiar with various forms of broadcasting media depending on the school and it's focus. They develop pre-production skills such as script writing, copy editing and research; production skills such as the safe operation of cameras and VTR.

5. Digital/Wet Photography

Photography is designed to expose students to the photographic process covering the basics of camera operation, lenses and other uses, Some schools will blend the traditional wet methods with digital expression while other schools will just cover digital.

BUSINESS, MARKETING, + INFORMATION TECHNOLOGY

6. Digttools/Introduction to Information Technology/Digital Communication Tools

(All the same class – different names are used at different schools) Every student needs to know how to operate, manipulate, utilize, and evaluate computer technology and computer tools and know how they will use these tools for school and work.

7. Accounting

Every student needs to know the language of business, regardless of whether they are planning on majoring in language arts, science or any other field.

8. Marketing I or Introduction to Business

Every student needs to know how businesses operate in our economy in order to make rational decisions about their own personal finances and career.

9. Business Communications/Business English

Gives students a context for writing and why grammar, punctuation, and language semantics are so important to the writing process and to their career success.

10. Business Law

A knowledge of business law is useful for all students, because all students eventually assume roles as citizens, workers, and consumers in their communities and in society at large. Cross crediting with Social Studies.

11. Web Design

This is an introduction to Web Design and web management tools, providing background information for better utilization, production, evaluation, and searching the Internet. This is an entry class into the information technology field that currently attracts students from all schools.

ENVIRONMENTAL SCIENCE + AGRICULTURE

12. Natural Resources

As we become more aware of our impact on our local environment each school should be able to concentrate a local area of concern, climate, air, soil, water, land, fish, wildlife, or plant resources.

HEALTH + HUMAN SERVICES

13. Interpersonal Relationships *and/or* Family Systems

Understanding yourself and others is key to achieving a high quality life -- whether it is in business or relationships. Learning more about how humans function helps us understand our emotions, develop close relationships, discover personal attributes or gain understanding about overcoming obstacles and maximizing our human potential. Students apply their learning by analyzing case studies and through the fields of psychology and sociology. They may leave the class with cross-credit social studies elective or college credit.

14. Human Development *and/or* Parenting

Gaining understanding of the people around us with a particular emphasis on young children, the aged, and others at various ages and stages, helps us prepare for life and caring careers. Learning more about the human brain, early learning, growth and development across the lifespan, nurture and care helps us appreciate human potential. Students leave the classes with a greater understanding of people, a portfolio of documented skills, and/or first aid/ CPR and college credit options.

15. Family & Community Interaction (*or* can be YLOP, Youth Leaders of Promise)

Understanding groups and motivation, while working as an individual, team or community leader, helps students learn essential skills and service. Students gain an appreciation of global, ethnic, and cultural values as they determine issues and needs, then work together to solve community problems. Working with adults and peers, setting goals, and developing useful projects helps students complete service learning and community impact projects, while gaining recognition through national Family, Career and Community Leaders of America programs

16. Family Health

Will wellness and a healthy lifestyle lead to a more satisfying, productive future? As the first pre-requisite course in the grade 9 – 12 Health and Human Services Pathway sequence, students will learn about personal health while practicing and applying career skills. Students may leave the

course with college credit, but also have a greater understanding of health issues, including nutrition, growth and development, health risks, safety, and all aspects of personal and mental health.

17. Nutrition and Wellness

How can we choose to live longer, better, and more productively across our lifespan? Increasing activity, eating right, choosing the best and safest foods, and learning to prepare food well is a good beginning. Students may exit the class with college credit, but also meet lab science, allied health, culinary and elementary education pre-requisites. Students learn through lab experiences that simulate the science, culture, management, preparation and social significance of foods.

18. Personal Choices *or* Independent Living *or* Work and Family Foundations

Plan to be on your own? It's all about being ready for life and handling decisions as an adult! Make decisions about life, work, or your future and practice options and choices about living environments, lifestyle, relationships, finance, housing, food, transportation, careers and relationships.

SCIENCE, ENGINEERING + INDUSTRY

19. Project Lead the Way (pre-engineering) (at least two courses)

PLTW increases the number of young people who pursue engineering and engineering technology programs requiring a four or two - year college degree and it will provide equitable and inclusive opportunities for all academically qualified students without regard to gender or ethnic origin. Project Lead the Way includes two foundation courses, and advanced courses in Digital Electronics; Biotechnology; Computer-Integrated Manufacturing (robotics); Aeronautics; and Green Technology.

20. Computer Technical Services

Technical Services will focus on preventative maintenance, safety issues, troubleshooting techniques and basic hardware and software installations communication skills, problem analysis and solving skills, project management, customer service skills, self management/interpersonal relationship skills and record keeping.