



eDynamic Learning Course Title: Manufacturing

State: WA

State Course Title: Career and Technical Education - Exploratory

State Standards: Career and Technical Education Program Standards (Exploratory)

Date of Standards: 2011

Percentage of Course Aligned: 100%

Standards	Course Title (a or b), if applicable, e.g. Game Design 1a	Unit Name(s)	Lesson(s) Numbers	How Standard is Taught	How Standard is Assessed	Standard Rating (Fully Met / Partially Met / Not Met)
1. Demonstrate application of the state and national core content standards in the context of preparing for living, learning and working.						
1.1 Each CTE course will apply and contextualize state and national core content standards.	Manufacturing	All Units	All Lessons	State standards are met consistently throughout the course	All Assessments	Fully Met
2. Demonstrate foundational and career cluster specific skills required to meet current industry or nationally defined standards.						
2.1 Each CTE course will teach to current industry or nationally defined standards, as evidenced in the curriculum frameworks, endorsed by local program specific advisory committees, and approved by the CTE program supervisors at OSPI. CTE courses will incorporate curriculum focused on the interrelationships of family, career, and community roles and responsibilities.	Manufacturing	Unit 7: Careers in Manufacturing	Lessons 1-4, Activity	Investigate a range of manufacturing career possibilities, research a career report on skills, wages, placements, and advancement opportunities	Activity, Critical Thinking 5	Fully Met
2.3 Each CTE course will include extended learning into the, community/family, and business/industry. Extended learning is managed and supervised 2.2 by certified CTE teachers.	Manufacturing	Unit 5: Success in Engineering: Part 4: Engineering Applications	Lesson 5	Learning how to read and produce technical sketches and engineering drawings, such as isometric, orthographic, and assembly drawings	Review 2, Lab	Fully Met
2.4 CTE courses must be taught by a certified CTE teacher with appropriate certification, knowledge, skills and occupational experience. 2.4.a After initial certification and five years of teaching, certified CTE teachers should gain additional experience in one or more of the jobs or careers in their teaching area. This experience should take place every five years.	Manufacturing	All Units	All Lessons	Instructors for eDL courses are properly trained as per district requirements	All Assessments	Fully Met
2.5 Each CTE course will provide safe and appropriate environments that support CTE program standards. 2.5.a Laboratories and equipment are appropriate to and support the OSPI approved curriculum framework and industry training procedures. 2.5.b Facilities and equipment meet or exceed the related federal, state and county safety standards. 2.5.c Learning and training stations are of sufficient quantity to assure safe and appropriate supervision, delivery of instruction and student skill development.	Manufacturing	Unit 6: Safety in Manufacturing	Lesson 2	Students learn standard safety practices in manufacturing	Review 2	Fully Met
2.6 Curriculum is based on occupational needs and is developed and maintained in consultation with program specific advisory committees.	Manufacturing	Unit 7: Careers in Manufacturing	Lesson 2	Students explore the equipment and skills required to perform a variety of jobs in the manufacturing sector	Activity	Fully Met
3. Demonstrate knowledge of career options within the related career clusters.						
3.1.a These learning experiences include exploration of traditional and nontraditional careers in the program of study ranging from entry to professional level positions.	Manufacturing	Unit 7: Careers in Manufacturing	Lessons 1-5	Analyzing the various specializations in manufacturing, identify the education and training required for various careers in manufacturing, reporting on a specific career in the manufacturing industry, evaluating	Review 1-5, Critical Thinking 1-5, Activity	Fully Met
4. Demonstrate leadership skills and employability skills.						
4.1 Leadership and employability skill development for all students is a required and integral component of all CTE courses. 4.1.a These leadership and employability skills are identified in the CTE Core Leadership Skills document, the CTE Core Employability Skills document and/or 21st Century Skills document. 4.1.b All students demonstrate leadership and employability skills integrated in the approved curriculum framework and applied in real-world family, community, business/industry applications. 4.1.c These skills are developed and practiced at the highest professional level through integration of aligned state-recognized Career and Technical Student Organizations (CTSOs). 4.1.d Locally developed leadership plans must demonstrate that these skills are developed and practiced at the highest level through classroom integration of individual, group and community programs and activities.	Manufacturing	Unit 2: Success in Manufacturing: Pt. 1-Soft Skills	Lessons 1, 2	Learning and practicing positive communication skills, including active listening and non verbal communication	Review 1-5, Critical Thinking 1-4, Lab	Fully Met