COLORADO
Department of Education

Educator Talent Division
http://www.cde.state.co.us/educatortalent

Initial or Alternative Teacher License Evaluation Worksheet

Demonstration of Professional Competencies & Depth of Content Knowledge

Technology Education (Grades 7-12)

Applicant			
Legal name:		Date:	

Requirements

Endorsement content knowledge must be demonstrated by at least one of the following measures for each content area (see below). Please note, if you select the Portfolio option to demonstrate a content knowledge category, it is your responsibility to ensure that evidence provided aligns with the Colorado Department of Education's teacher preparation standards. For more information about educator preparation standards, please see this webpage. To learn more about content covered on Praxis exams, please visit this webpage.

- **Praxis 5051:** Official score report required (159 or higher)
- **Coursework:** Minimum of B- (list in grid below); syllabi and official transcript required
- **Portfolio:** Evidence demonstrating attainment of standards outlined below required

In the grid below, list the evidence by which you are demonstrating content knowledge. It is essential that thorough and complete information is provided for each row inclusive of listing all courses and evidence being utilized. Praxis subscores may be one piece of evidence for a section of content and also must be accompanied by additional evidence such as coursework.

TECHNOLOGY EDUCATION	**Praxis Test Code/Name and Score:**	
Categories for which you must demonstrate content knowledge **Candidates must possess knowledge of concepts, including:**	**Course #(s)/Title(s) and Grade(s)**	**Portfolio Description and Evidence**
Technology and Society • History of technology education • Historical development and trends of technology and technology education • Impacts of technology • Engineering, math, science, and technology intersections • Economic, political and legal consequences • Example courses include the following: courses that address the above bullets for this section		
Technology Design and Problem Solving • Emerging technologies • Software • Design Process • Technological systems • Energy, power, and transportation		

• Information technology • Communication technology • Example courses include the following: courses that address the above bullets for this section		
Energy, Power, and Transportation • Control systems • Mathematical and scientific principles • Energy utilization systems • Transportation system inputs • Vehicles and support systems • Transportation operations • Energy forms, concepts, relationships • Example courses include the following: courses that address the above bullets for this section		
Information and Communication Technologies • Information system concepts and terminology • Software and hardware • Operating systems, software applications, communication devices, and networking components • Network structures • Communication system concepts, trends, and terminology • Legal and ethical issues • Example courses include the following: courses that address the above bullets for this section		
Manufacturing and Construction Technologies • Management functions • Systems model • Efficiency of production • Flexible, continuous, batch, and custom production • Variety and property of materials • Industrial materials and conversion • Structural design constraints • Static and dynamic loads • Construction processes\Example courses include the following: courses that address the above bullets for this section		
Pedagogical and Professional Studies • Academic concepts and practical applications • Cooperative learning experiences • Communication technologies and occupational opportunities and career pathways • Management of equipment, materials, supplies, and people • Math, science, and communications • Example courses include the following: courses that address the above bullets for this section		

Submission of this worksheet must be accompanied by all evidence listed in the grid above. You must receive approval prior to submitting an application for an initial teacher license.