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Business and Computer Technology Standards

The DoDEA Business and Computer Technology Program consists of a group of planned, specialized instructional programs structured to prepare students to enter, advance, and refine prescribed competencies requisite for employment or as a preparation for continued education in a cluster of business and computer occupations. Congruent to all programs are the identified leadership activities that enable the individual to function as an employee and leader in the American business system.

The DoDEA Business and Computer Technology Standards provide the foundation for success in an information-based and service-based global economy. The business computer technology program is designed to prepare students to:

- Appreciate business computer technology as possible career.
- Recognize that economic concepts are essential in order for a person to function as a consumer and worker in the American business system.
- Value personal-use skills that will permit one to become a functioning individual in personal business activities.
- Integrate skills, attitudes, and knowledge necessary for success and advancement in a business or computer career.

PT1 Operations, Concepts, and Innovations

Students will:

PT1a Prepare to become entrepreneurs by drawing from their general understanding of all aspects of business.

PT1b Use accounting procedures for planning, organizing, and allocating resources.

PT1c Understand the roles of marketing and the impact of marketing on the individual, business, and society.

PT1d Develop the ability to participate in business transactions in both the domestic and international arenas.

PT1e Demonstrate a sound understanding of the nature and operation of technology systems, both hardware and software

PT1f Be proficient in the use of technology.

PT1g Identify capabilities and limitations of contemporary and emerging technology resources and access the potential of these systems and services to address personal, life-long learning, and workplace needs.

PT1h Apply trouble shooting techniques and processes.

PT1i Use mathematical ideas and techniques, algorithmic thinking, and programming.

PT1j Know the characteristics and uses of computer hardware

PT1k Know the characteristics and uses of operating, environments, and utilities

PT1l Know the characteristics and uses of communications and networking systems

PT1m Understand the selection and acquisition of information systems

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- PT1n** Know appropriate procedures and development tools used to analyze and design information systems.
- PT1o** Understand different types and levels of programming languages.
- PT1p** Understand plans and procedures for maintaining the security of information systems.
- PT2 Problem Solving and Decision Making.**
Students will:
- PT2a** Engage in higher order thinking and will apply problem-solving strategies in purposeful ways, both in situations where the problem and desirable solutions are clearly evident and in situations requiring a creative approach to achieve an outcome.
- PT2b** Employ technology in the development of strategies for solving problems in the real world.
- PT2c** Make informed choices among technology systems, resources, and services.
- PT2d** Apply generally accepted operations, management principles and procedures to the design of an operation plan.
- PT2e** Plan and organize an event or activity and take responsibility for all aspects of the planning and organizing from concept to completion, making good use of the resources of people, time, money, and materials and facilities. Students will investigate and apply expert systems, intelligent agents, and simulations in real world situations.
- PT3 Communication**
Students will:
- PT3a** Communicate ideas to justify position, persuade and convince others, and responsibly challenge existing procedures and policies.
- PT3b** Use technology to communicate information and ideas in ways that are appropriate to the purpose and audience through spoken, written, and graphic or visual means of expression.
- PT3c** Incorporate appropriate leadership and supervision techniques, customer-service strategies, and standards of personal ethics to communicate effectively.

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- PT3d** Use technology tools and resources for managing and communicating personal/professional information, e.g., finances, schedules, addresses, purchases, and correspondence.
- PT4 Information and Research**
Students will:
- PT4a** Access information efficiently and effectively.
- PT4b** Evaluate information critically and completely.
- PT4c** Use information accurately and creatively.
- PT4d** Use information technology to analyze, organize, and present information.
- PT5 Society and Self Management**
Students will:
- PT5a** Apply knowledge gained from individual assessment to a comprehensive set of goals and individual career path.
- PT5b** Develop career awareness and related skills to enable them to make viable career choices and become employable in a variety of careers.
- PT5c** Function as economically literate citizens through the development of personal consumer economic skills, knowledge of social and government responsibility, and an understanding of business operations.
- PT5d** Manage and direct one's own learning.
- PT5e** Abide by and apply the principles of law as a citizen of a global community.
- PT5f** Develop the ability to market the assets each individual has.
- PT5g** Utilize analytical tools needed to understand and make reasoned decisions about economic issues – both personal and societal.
- PT5h** Develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.
- PT5i** Understand the ethical, cultural, and societal issues related to technology.
- PT5j** Demonstrate and advocate for legal and ethical behaviors among peers, family, and community regarding the use of technology and information.
- PT5k** Analyze advantages and disadvantages of widespread use of and reliance on technology in the workplace and in society as a whole.
- PT6 Collaboration**
Students will:
- PT6a** Demonstrate interpersonal, teamwork, and leadership skills necessary to function in diverse and multicultural settings.
- PT6b** Work with others to achieve a shared goal, help other people learn on-the-job, and respond effectively to the needs of a client.
- PT6c** Collaborate with peers, experts, and others to contribute to a content related knowledge base by using technology to compile, synthesize, produce, and disseminate information, models, and other creative works.

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Communication Technology Standards

The DoDEA Communication Technology Standards includes both the graphic communication and video production program standards and are designed to help students develop an appreciation and understanding of communication technology through the study and application of materials, tools, and processes of the past and present. The courses in this area allow students to apply knowledge, tools, skills, and insights to the solving of problems found in the communications technology career areas.

PT1 Operations, Concepts, and Innovations

Students will:

PT1a Produce graphics layouts in a variety of formats.

PT1b Understand and apply skills in slide programming, scripting, video production, art and design, computer graphics, audio recording, and desktop publishing.

PT1c Develop creative and technical skills in electronic layout and design, digital image manipulation and illustration, digital pre-press and press techniques.

PT1d Design and produce effective web sites.

PT1e Understand the roles of marketing and the impact of marketing on the individual, business, and society.

PT1f Demonstrate a sound understanding of the nature and operation of technology systems, both hardware and software.

PT1g Be proficient in the use of technology.

PT1h Identify capabilities and limitations of contemporary and emerging technology resources and access the potential of these systems and services to address personal, life-long learning, and workplace needs.

PT1i Apply trouble shooting techniques and processes.

PT1j Use mathematical ideas and techniques.

PT2 Problem Solving and Decision Making

Students will:

PT2a Create commercial-quality marketing pieces such as posters, brochures, and animated corporate logo.

PT2b Design graphics or video production projects by combining sophisticated software applications with state-of-the art hardware.

PT2c Be able to construct and test models of various project design solutions.

PT2d Apply quality control techniques and processes to the development of a product.

PT2e Make informed choices among technology systems, resources, and services.

PT2f Plan and organize an event or activity and take responsibility for all aspects of the planning and organizing from concept to completion, making good use of the resources of people, time, money, and materials and facilities.

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PT3 Communication

Students will:

PT3a Communicate ideas to justify position, persuade and convince others, and responsibly challenge existing procedures and policies.

PT3b Incorporate appropriate leadership and supervision techniques, customer-service strategies, and standards of personal ethics to communicate effectively.

PT4 Information and Research

Students will:

PT4a Access information efficiently and effectively.

PT4b Evaluate information critically and completely.

PT4c Use information accurately and creatively.

PT4d Use information technology to analyze, organize, and present information.

PT5 Society and Self Management

Students will:

PT5a Manage and direct one's own learning.

PT5b Develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.

PT5c Understand the ethical, cultural, and societal issues related to technology.

PT5d Demonstrate and advocate for legal and ethical behaviors among peers, family, and community regarding the use of technology and information.

PT5e Apply knowledge gained from individual assessment to a comprehensive set of goals and individual career path.

PT5f Develop career awareness and related skills to enable them to make viable career choices and become employable in a variety of careers.

PT5g Apply the principles of law as a citizen of a global community.

PT5h Develop the ability to market the assets each individual has.

PT6 Collaboration

Students will:

PT6a Demonstrate interpersonal, teamwork, and leadership skills necessary to function in diverse and multicultural settings.

PT6b Collaborate with peers, experts, and others to contribute to a content related knowledge base by using technology to compile, synthesize, produce, and disseminate information, models, and other creative works.

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Engineering and Scientific Technology Standards

Engineering and Scientific Studies curriculum is designed to help students develop an appreciation and understanding of technology through the study and application of materials, tools, and processes of the past and present.

The courses in this area allow students to apply knowledge, tools, skills, and insights to the solving of problems found in the industrial technology career areas.

PT1 Operations, Concepts, and Innovations

Students will:

- PT1a** Use simple and complex tools and concepts found in communication, manufacturing, structural and transportation systems.
- PT1b** Understand and apply the techniques, tools and technologies related to computer aided manufacturing.
- PT1c** Apply the basic concepts of digital electronics.
- PT1d** Demonstrate a sound understanding of the nature and operation of technology systems, both hardware and software.
- PT1e** Be proficient in the use of technology.
- PT1f** Identify capabilities and limitations of contemporary and emerging technology resources and access the potential of these systems and services to address personal, life-long learning, and workplace needs.
- PT1g** Apply trouble shooting techniques and processes.

PT1h Prepare to become entrepreneurs by drawing from their general understanding of all aspects of business.

PT1i Use mathematical ideas and techniques, algorithmic thinking, and programming.

PT2 Problem Solving and Decision Making

Students will:

- PT2a** Be able to construct and test models of various project design solutions.
- PT2b** Use the design process, applying science and mathematics principles, to solve drafting and design problems.
- PT2c** Apply quality control techniques and processes to the development of a product.
- PT2d** Use CAD as a computer automated engineering tool to resolve design problems.
- PT2e** Make informed choices among technology systems, resources, and services.
- PT2f** Plan and organize an event or activity and take responsibility for all aspects of the planning and organizing from concept to completion, making good use of the resources of people, time, money, and materials and facilities.
- PT2g** Investigate and apply expert systems, intelligent agents, and simulations in real world situations.

PT3 Communication
Students will:

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- PT3a** Communicate ideas to justify position, persuade and convince others, and responsibly challenge existing procedures and policies.
- PT3b** Describe the concurrent engineering concepts in our present time.
- PT3c** Incorporate appropriate leadership and supervision techniques, customer-service strategies, and standards of personal ethics to communicate effectively.
- PT3d** Use technology tools and resources for managing and communicating personal/professional information, e.g., finances, schedules, addresses, purchases, and correspondence.
- PT4 Information and Research**
Students will:
- PT4a** Access information efficiently and effectively.
- PT4b** Evaluate information critically and completely.
- PT4c** Use information accurately and creatively.
- PT4d** Use information technology to analyze, organize, and present information. .
- PT5 Society and Self Management**
Students will:
- PT5a** Manage and direct one's own learning.
- PT5b** Develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.
- PT5c** Understand the ethical, cultural, and societal issues related to technology.
- PT5d** Demonstrate and advocate for legal and ethical behaviors among peers, family, and community regarding the use of technology and information.
- PT5e** Apply knowledge gained from individual assessment to a comprehensive set of goals and individual career path.
- PT5f** Develop career awareness and related skills to enable them to make viable career choices and become employable in a variety of careers.
- PT5g** Apply the principles of law as a citizen of a global community.
- PT5h** Develop the ability to market the assets each individual has.
- PT5i** Utilize analytical tools needed to understand and make reasoned decisions about economic issues – both personal and societal.
- PT5j** Analyze advantages and disadvantages of widespread use of and reliance on technology in the workplace and in society as a whole.
- PT6 Collaboration**
Students will:
- PT6a** Demonstrate interpersonal, teamwork, and leadership skills necessary to function in diverse and multicultural settings.
- PT6b** Collaborate with peers, experts, and others to contribute to a content related knowledge base by using technology to compile, synthesize, produce, and

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disseminate information, models, and other creative works.

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Automotive Technology Standards

The Automotive Technology curriculum is designed to help students develop an appreciation and understanding of automotive technology through the study and application of materials, tools, and processes of the past and present. The courses in this area allow students to apply knowledge, tools, skills, and insights to the solving of problems found in the automotive technology career areas.

PT1 Operations, Concepts, and Innovations

Students will:

- PT1a** Demonstrate the use of automotive tools and equipment.
- PT1b** Demonstrate proficiencies of automotive servicing procedures using technical data and service equipment.
- PT1c** Demonstrate proficiency in using parts and service databases and technical manuals.
- PT1d** Demonstrate a sound understanding of the nature and operation of technology systems, both hardware and software.
- PT1e** Be proficient in the use of technology.
- PT1f** Identify capabilities and limitations of contemporary and emerging technology resources and access the potential of these systems and services to address personal, life-long learning, and workplace needs.
- PT1g** Apply trouble shooting techniques and processes.
- PT1h** Prepare to become entrepreneurs by drawing from their general

understanding of all aspects of business.

PT2 Problem Solving and Decision Making

Students will:

- PT2a** Evaluate and apply safety standards.
- PT2b** Evaluate automotive system defects and perform required maintenance.
- PT2c** Plan, collect, analyze, and communicate automotive theories and produce tangible evidence of understanding by successfully applying the theories to automotive repairs.
- PT2d** Engage in higher order thinking and will apply problem-solving strategies in purposeful ways, both in situations where the problem and desirable solutions are clearly evident and in situations requiring a creative approach to achieve an outcome.
- PT2e** Employ technology in the development of strategies for solving problems in the real world.
- PT2f** Select and apply the tools of technology as they relate to personal and business decision making.
- PT2g** Use accounting procedures for planning, organizing, and allocating resources.
- PT2h** Communicate ideas to justify position, persuade and convince others, and responsibly challenge existing procedures and policies.
- PT2i** Apply generally accepted operations, management principles and procedures to the design of an operation plan.

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PT2j Make informed choices among technology systems, resources, and services.

PT2k Plan and organize an event or activity and take responsibility for all aspects of the planning and organizing from concept to completion, making good use of the resources of people, time, money, and materials and facilities.

PT2l Investigate and apply expert systems, intelligent agents, and simulations in real world situations.

PT2m Understand the roles of marketing and the impact of marketing on the individual, business, and society.

PT2n Apply mathematical ideas and techniques.

PT3 **Communication**
Students will:

PT3a Use technology to communicate information and ideas in ways that are appropriate to the purpose and audience through spoken, written, and graphic or visual means of expression.

PT3b Incorporate appropriate leadership and supervision techniques, customer-service strategies, and standards of personal ethics to communicate effectively.

PT3c Use technology tools and resources for managing and communicating personal/professional information, e.g., finances, schedules, addresses, purchases, and correspondence.

PT4 **Information and Research**

Students will:

PT4a Access information efficiently and effectively.

PT4b Evaluate information critically and completely.

PT4c Use information accurately and creatively.

PT4d Use information technology to analyze, organize, and present information.

PT5 **Society and Self Management**

Students will:

PT5a Comply with personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemical/materials in accordance with local, state, and federal safety and environmental regulations.

PT5b Function as economically literate citizens through the development of personal consumer economic skills, a knowledge of social and government responsibility, and an understanding of business operations.

PT5c Manage and direct one's own learning.

PT5d Develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.

PT5e Understand the ethical, cultural, and societal issues related to technology.

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- PT5f** Demonstrate and advocate for legal and ethical behaviors among peers, family, and community regarding the use of technology and information.
- PT5g** Practice responsible use of technology systems, information, and software.
- PT5h** Apply knowledge gained from individual assessment to a comprehensive set of goals and individual career path.
- PT5i** Develop career awareness and related skills to enable them to make viable career choices and become employable in a variety of careers.
- PT5j** Abide by and apply the principles of law as a citizen of a global community.
- PT5k** Develop the ability to market his or her own assets.
- PT5l** Utilize analytical tools needed to understand and make reasoned decisions about economic issues – both personal and societal.
- PT5m** Analyze the advantages and disadvantages of widespread use of and reliance on technology in the workplace and in society as a whole.
- PT6 Collaboration**
Students will:
- PT6a** Demonstrate interpersonal, teamwork, and leadership skills necessary to function in diverse and multicultural settings.
- PT6b** Work with others to achieve a shared goal, help other people learn on-the-job, and respond effectively to the needs of a client.
- PT6c** Collaborate with peers, experts, and others to contribute to a content related knowledge base by using technology to compile, synthesize, produce, and disseminate information, models, and other creative works.

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Career Development Standards

Career Development provides students with a broad overview of the world of work as introduced by self/career awareness. Students will be introduced to skills, values, and attitudes as they apply to making self/career awareness and career explorations. The program introduces emerging school-to-work opportunities that should be considered when making career-related decisions, such as deciding which curriculum programs and course electives to choose in order to match current occupational trends. Career development education provides students with workplace readiness skills necessary for a successful transition to post-secondary education or work and desire for life-long learning in a global society.

PT1 Operations, Concepts, and Innovations

Students will:

- PT1a** Develop career awareness and related skills to enable them to make viable career choices and become employable in a variety of careers.
- PT1b** Make general preparation for entering the work force.
- PT1c** Demonstrate a sound understanding of the nature and operation of technology systems, both hardware and software.
- PT1d** Be proficient in the use of technology.
- PT1e** Identify capabilities and limitations of contemporary and emerging technology resources and access the potential of these systems and services to address personal, life-long learning, and workplace needs.

PT1f Apply trouble shooting techniques and processes.

PT1g Use mathematical ideas and techniques.

PT2 Problem Solving and Decision Making

Students will:

- PT2a** Select and apply the tools of technology as they relate to personal and business decision making.
- PT2b** Apply generally accepted operations, management principles and procedures to the design of an operation plan.
- PT2c** Engage in higher order thinking and will apply problem-solving strategies in purposeful ways, both in situations where the problem and desirable solutions are clearly evident and in situations requiring a creative approach to achieve an outcome.
- PT2d** Employ technology in the development of strategies for solving problems in the real world.
- PT2e** Communicate ideas to justify position, persuade and convince others, and responsibly challenge existing procedures and policies.
- PT2f** Make informed choices among technology systems, resources, and services.
- PT2g** Plan and organize an event or activity and take responsibility for all aspects of the planning and organizing from concept to completion, making good use of the resources of people, time, money, and materials and facilities.

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PT3 Communication

Students will:

- PT3a** Use technology to communicate information and ideas in ways that are appropriate to the purpose and audience through spoken, written, and graphic or visual means of expression.
- PT3b** Incorporate appropriate leadership and supervision techniques, customer-service strategies, and standards of personal ethics to communicate effectively.
- PT3c** Use technology tools and resources for managing and communicating personal/professional information, e.g., finances, schedules, addresses, purchases, and correspondence.

PT4 Information and Research

Students will:

- PT4a** Access information efficiently and effectively.
- PT4b** Evaluate information critically and completely.
- PT4c** Use information accurately and creatively.
- PT4d** Use information technology to analyze, organize, and present information.

PT5 Society and Self-Management

Students will:

- PT5a** Function as economically literate citizens through the development of personal consumer economic skills, a knowledge of social and government responsibility, and an understanding of business operations.

PT5b Manage and direct one's own learning.

PT5c Develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.

PT5d Understand the ethical, cultural, and societal issues related to technology.

PT5e Demonstrate and advocate for legal and ethical behaviors among peers, family, and community regarding the use of technology and information.

PT5f Apply knowledge gained from individual assessment to a comprehensive set of goals and individual career path.

PT5g Abide by and apply the principles of law as a citizen of a global community.

PT5h Develop the ability to market the assets each individual has.

PT5i Utilize analytical tools needed to understand and make reasoned decisions about economic issues – both personal and societal.

PT6 Collaboration

Students will:

PT6a Demonstrate interpersonal, teamwork, and leadership skills necessary to function in diverse and multicultural settings.

PT6b Work with others to achieve a shared goal, help other people learn on-the-job, and respond effectively to the needs of a client.

PT6c Collaborate with peers, experts, and others to contribute to a content related

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knowledge base by using technology to compile, synthesize, produce, and disseminate information, models, and other creative works.

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Cosmetology Standards

The cosmetology program covers all areas of client relations, cutting, finishing, perming and coloring techniques, manicuring and facials. Students will acquire knowledge of the science of skin and hair, leading to the basics of haircutting and finishing. Theory and practice sessions in product technology, career development, goal setting and customer service have all been combined to offer the student a well-balanced training program.

PT1 Operations, Concepts, and Innovations Students will:

- PT1a** Demonstrate time management strategies.
- PT1b** Assess customer satisfaction.
- PT1c** Perform the basic cosmetology business operations
- PT1d** Perform the basic cosmetology customer services.
- PT1e** Apply methods to ensure personal health and well-being.
- PT1f** Demonstrate a sound understanding of the nature and operation of technology systems, both hardware and software.
- PT1g** Be proficient in the use of technology.
- PT1h** Identify capabilities and limitations of contemporary and emerging technology resources and access the potential of these systems and services to address personal, life-long learning, and workplace needs.
- PT1i** Apply troubleshooting techniques and processes.

PT1j Prepare to become entrepreneurs by drawing from their general understanding of all aspects of business.

PT1k Use mathematical ideas and techniques.

PT2 Problem Solving and Decision Making Students will:

- PT2a** Employ consultation strategies when dealing with clients.
- PT2b** Engage in higher order thinking and will apply problem-solving strategies in purposeful ways, both in situations where the problem and desirable solutions are clearly evident and in situations requiring a creative approach to achieve an outcome.
- PT2c** Employ technology in the development of strategies for solving problems in the real world.
- PT2d** Select and apply the tools of technology as they relate to personal and business decision making.
- PT2e** Use accounting procedures for planning, organizing, and allocating resources.
- PT2f** Communicate ideas to justify position, persuade and convince others, and responsibly challenge existing procedures and policies.
- PT2g** Apply generally accepted operations, management principles and procedures to the design of an operation plan.

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- PT2h** Make informed choices among technology systems, resources, and services.
- PT2i** Plan and organize an event or activity and take responsibility for all aspects of the planning and organizing from concept to completion, making good use of the resources of people, time, money, and materials and facilities.
- PT2j** Understand the roles of marketing and the impact of marketing on the individual, business, and society.
- PT3 Communication.**
Students will:
- PT3a** Use technology to communicate information and ideas in ways that are appropriate to the purpose and audience through spoken, written, and graphic or visual means of expression.
- PT3b** Incorporate appropriate leadership and supervision techniques, customer-service strategies, and standards of personal ethics to communicate effectively.
- PT3c** Use technology tools and resources for managing and communicating personal/professional information, e.g., finances, schedules, addresses, purchases, and correspondence.
- PT4 Information and Research**
Students will:
- PT4a** Access information efficiently and effectively.
- PT4b** Evaluate information critically and completely.
- PT4c** Use information accurately and creatively.
- PT4d** Use information technology to analyze, organize, and present information.
- PT5 Society and Self-Management**
Students will:
- PT5a** Develop the ability to market the assets each individual has.
- PT5b** Apply knowledge gained from individual assessment to a comprehensive set of goals and individual career path.
- PT5c** Develop career awareness and related skills to enable them to make viable career choices and become employable in a variety of careers.
- PT5d** Function as economically literate citizens through the development of personal consumer economic skills, a knowledge of social and government responsibility, and an understanding of business operations.
- PT5e** Manage and direct one's own learning.
- PT5f** Develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.
- PT5g** Understand the ethical, cultural, and societal issues related to technology.
- PT5h** Demonstrate and advocate for legal and ethical behaviors among peers, family, and community regarding the use of technology and information.
- PT5i** Abide by and apply the principles of law as a citizen of a global community.

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PT5j Utilize analytical tools needed to understand and make reasoned decisions about economic issues – both personal and societal.

PT6b Work with others to achieve a shared goal, help other people learn on-the-job, and respond effectively to the needs of a client.

PT6 Collaboration
Students will:

PT6c Collaborate with peers, experts, and others to contribute to a content related knowledge base by using technology to compile, synthesize, produce, and disseminate information, models, and other creative works.

PT6a Demonstrate interpersonal, teamwork, and leadership skills necessary to function in diverse and multicultural settings.

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Family and Consumer Science Standards

Family and Consumer Sciences education empowers individuals and families across the life span to manage the challenges of living and working in a diverse, global society. Our unique focus is on families, work and their interrelationships. The DoDEA Family and Consumer Sciences curriculum is designed prepare students for family life, work, life, and careers in family and consumer sciences by providing opportunities to develop the knowledge, skills, attitudes, and behaviors needed for:

- Balancing personal, home, family and work lives.
- Promoting optimal nutrition and wellness across the life span.
- Successful life management, employment, and career development.
- Functioning effectively as providers and consumers of goods and services.
- Managing resources to meet the material needs of individuals and families.
- Strengthening the well-being of individuals and families across the life span.
- Becoming responsible citizens and leaders in family, community, and work settings.
- Appreciating human worth and accepting responsibility for one's actions and success in family and work life.
- Using critical and creative thinking skills to address problems in diverse family, community, and work environment.

PT1 Operations, Concepts, and Innovations

Students will:

- PT1a** Integrate knowledge, skills, and practices required for careers in consumer services.
- PT1b** Integrate knowledge, skills, and practices required for careers in family and community services.
- PT1c** Integrate knowledge, skills, and practices required for careers in facility management and maintenance.
- PT1d** Integrate knowledge, skills, and practices required for careers in food production and services.
- PT1e** Integrate knowledge, skills, and practices required for hospitality, tourism, and recreation.
- PT1f** Integrate knowledge, skills, and practices required for careers in textiles and apparel.
- PT1g** Demonstrate a sound understanding of the nature and operation of technology systems, both hardware and software.
- PT1h** Be proficient in the use of technology.
- PT1i** Identify capabilities and limitations of contemporary and emerging technology resources and access the potential of these systems and services to address personal, life-long learning, and workplace needs.

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- PT1j** Apply trouble shooting techniques and processes.
- PT1k** Use mathematical ideas and techniques.
- PT2** **Problem Solving and Decision Making**
Students will:
- PT2a** Integrate knowledge, skills, and practices required for careers in early childhood education and services.
- PT2b** Evaluate management practices related to the human, economic, and environment resources.
- PT2c** Integrate knowledge, skills and practices required for careers in food science, dietetics, and nutrition.
- PT2d** Integrate knowledge, skills, and practices required for careers in housing, interiors, and furnishings.
- PT2e** Demonstrate nutrition and wellness practices that enhance individual and family well-being.
- PT2f** Engage in higher order thinking and will apply problem-solving strategies in purposeful ways, both in situations where the problem and desirable solutions are clearly evident and in situations requiring a creative approach to achieve an outcome.
- PT2g** Employ technology in the development of strategies for solving problems in the real world.
- PT2h** Select and apply the tools of technology as they relate to personal and business decision making.
- PT2i** Make informed choices among technology systems, resources, and services.
- PT2j** Plan and organize an event or activity and take responsibility for all aspects of the planning and organizing from concept to completion, making good use of the resources of people, time, money, and materials and facilities.
- PT2k** Understand the roles of marketing and the impact of marketing on the individual, business, and society.
- PT3** **Communication**
. Students will:
- PT3a** Communicate ideas to justify position, persuade and convince others, and responsibly challenge existing procedures and policies.
- PT3b** Use technology to communicate information and ideas in ways that are appropriate to the purpose and audience through spoken, written, and graphic or visual means of expression.
- PT3c** Incorporate appropriate leadership and supervision techniques, customer-service strategies, and standards of personal ethics to communicate effectively.
- PT3d** Use technology tools and resources for managing and communicating personal/professional information, e.g., finances, schedules, addresses, purchases, and correspondence.

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PT4 Information and Research

Students will:

PT4a Evaluate the impact of parenting roles and responsibilities on strengthening the well-being of individuals and families.

PT4b Access information efficiently and effectively.

PT4c Evaluate information critically and completely.

PT4d Use information accurately and creatively.

PT4e Use information technology to analyze, organize, and present information. .

PT5 Society and Self Management

Students will:

PT5a Integrate multiple life roles and responsibilities in family, career, and community roles and responsibilities.

PT5b Evaluate the significance of the family and its impact on the well-being of individuals and society.

PT5c Analyze factors that impact human growth and development.

PT5d Function as economically literate citizens through the development of personal consumer economic skills, a knowledge of social and government responsibility, and an understanding of business operations.

PT5e Manage and direct one's own learning.

PT5f Understand the ethical, cultural, and societal issues related to technology.

PT5g Demonstrate and advocate for legal and ethical behaviors among peers, family, and community regarding the use of technology and information.

PT5h Practice responsible use of technology systems, information, and software.

PT5i Apply knowledge gained from individual assessment to a comprehensive set of goals and individual career path.

PT5j Develop career awareness and related skills to enable them to make viable career choices and become employable in a variety of careers.

PT5k Abide by and apply the principles of law as a citizen of a global community.

PT5l Develop the ability to market the assets each individual has.

PT5m Utilize analytical tools needed to understand and make reasoned decisions about economic issues – both personal and societal.

PT6 Collaboration

Students will:

PT6a Demonstrate respectful and caring relationships in the family, workplace and community.

PT6b Demonstrate interpersonal, teamwork, and leadership skills necessary to function in diverse and multicultural settings.

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PT6c Work with others to achieve a shared goal, help other people learn on-the-job, and respond effectively to the needs of a client.