SCED Codes for WY Computer Science Courses SY2022-23 & Beyond

This document contains all SCED codes (Version 9) in area 10, Information Technology. Eligible computer science courses are identified with "Yes" in the "Eligible CS Course" column. For the 2022-23 school year and beyond, all courses with "Yes" in the "Eligible CS Course" column may only be aligned to computer science standards and will only be considered as computer science courses. All courses with "No" in the "Eligible CS Course" column are not eligible to be classified as computer science courses under any circumstances. The blue font in the "SCED Definition" column indicates alignment with the Wyoming 2019 Computer Science Content & 2020 Performance Standards with Performance Level Descriptors.

Eligible CS Course	SCED Course Code	SCED Course Title	SCED Definition (Blue font indicates alignment with computer science standards.)	WDE638 ContentArea Code CS - Computer Science
Yes	10001	Introduction to Computer Technology	Formerly known as Introduction to Computers, Introduction to Computer Technology courses introduce students to computers, including peripheral and mobile devices; the functions and uses of computer technology; the language used in the industry; possible applications of various computer-based technologies; and *occupations related to computer technology hardware and software industries. These courses typically explore legal and ethical issues associated with computer technology use, as well as how changes influence modern society*. Students may also be required to perform some computer technology operations.	CS **only** 2022-23 and beyond

Eligible CS Course	SCED Course Code	SCED Course Title	SCED Definition (Blue font indicates alignment with computer science standards.)	WDE638 ContentArea Code CS - Computer Science
Yes	10002	Computing Systems	*Computing Systems courses offer a broad exploration of the use of computers* in a variety of fields. These courses have a considerable range of content, but typically include the introduction of *robotics and control systems*, computer-assisted design, computer-aided manufacturing systems, and other computer technologies as they relate to industry applications.	CS **only** 2022-23 and beyond
No	10003	Computer and Information Technology	Computer and Information Technology courses teach students to operate and use computer and information technology, emphasizing their role as tools to communicate more effectively, conduct research more efficiently, and increase productivity. *Course content includes the legal and ethical issues involved with computer technology and use.*	Not CS 2022-23 and beyond
No	10004	Computer Applications	In Computer Applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, presentation, graphics, and database programs. Courses may also cover the use of electronic mail and online collaborative software.	Not CS 2022-23 and beyond
No	10005	Business Computer Applications	In Business Computer Applications courses, students expand their knowledge of and experience in the proper and efficient use of previously written software packages, particularly those used in business. Generally, these courses explore a wide range of applications including (but not limited to) word processing, spreadsheet, presentation, graphics, and database programs, and they may also cover topics such as electronic mail, desktop publishing, and telecommunications. Advanced topics may include integrated software applications, including printed,	Not CS 2022-23 and beyond

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			electronic, and Web publications; computer maintenance activities; and *Web site development*.	
No	10006	Telecommunications	Telecommunications courses address the growth in global communications and the emerging equipment and systems needed to successfully communicate in a global environment. These courses cover such topics as data communication protocol and systems, government regulations of the communications industry, the use of *cost-effective and productive tools to transmit messages and data,* and live synchronistic video exchanges. Other topics may include telecommunications terminology, tools and test equipment; customer service experience; and installation, repair, and delivery of telecommunications systems. In these courses, students may learn about such communication systems as e-mail, internet, or e-commerce, *local area network (LAN), wide area network (WAN),* voice transmission, cell phone technology, teleconferencing, and videoconferencing.	Not CS 2022-23 and beyond
Yes	10007	IB Information Technology in a Global Society	IB Information Technology in a Global Society courses prepare students to take the International Baccalaureate Information Technology exams and *examine the interaction among information, technology, and society.* Course content is designed to help students develop a *systematic, problem solving approach to processing and analyzing information using a range of information tools. In these courses, students also discuss and evaluate how modern information technology affects individuals, relationships among people, and institutions and societies.*	CS **only** 2022-23 and beyond

Eligible CS Course	SCED Course Code	SCED Course Title	SCED Definition (Blue font indicates alignment with computer science standards.)	WDE638 ContentArea Code CS - Computer Science
No	10008	Particular Topics in Computer Literacy	These courses examine particular topics related to general computer literacy other than those already described elsewhere in this classification system, such as *privacy issues* or instruction in using a particular software application.	Not CS 2022-23 and beyond
No	10009	Internet Skills	Internet Skills courses introduce students to the World Wide Web and the Internet. Course content may include search techniques and *algorithms*, web browser utilization, *website creation*, and the history of the Internet.	Not CS 2022-23 and beyond
No	10010	Computer Literacy	Computer Literacy courses provide to students the knowledge and ability to use computers and technology efficiently. Typically, course content includes exposure to word-processing, spreadsheet, and presentation applications, but also may include the various uses of *computers in modern society*. Specific course content aligns with state standards to promote students' technological literacy.	Not CS 2022-23 and beyond
Yes	10011	Computer Science Principles	Computer Science Principles courses provide students the opportunity use *programming, computational thinking, and data analytics to create digital artifacts and documents representing design and analysis in areas including the Internet, algorithms, and the impact that these have on science, business, and society. Computer Science Principles courses teach students to use computational tools and techniques including abstraction, modeling, and simulation to collaborate in solving problems that connect computation to their lives.*	CS **only** 2022-23 and beyond

Eligible CS Course	SCED Course Code	SCED Course Title	SCED Definition (Blue font indicates alignment with computer science standards.)	WDE638 ContentArea Code CS - Computer Science
Yes	10012	Exploring Computer Science	Exploring Computer Science courses present students with the conceptual underpinnings of computer science through an exploration of human computer interaction, *web design, computer programming, data modeling, and robotics*. While these courses include programming, the focus is on the computational practices associated with doing computer science, rather than just a narrow focus on coding, syntax, or tools. Exploring Computer Science courses teach students the *computational practices of algorithm design, problem solving, and programming within a context that is relevant to their lives.*	CS **only** 2022-23 and beyond
Yes	10013	PLTW Computer Science Essentials	Following Project Lead the Way's suggested curriculum, PLTW Computer Science Essentials (formerly known as PLTW Introduction to Computer Science) courses *introduce students to computational thinking concepts, fundamentals, and tools. Students will increase their understanding of programming languages through the use of visual and text-based programming.* Projects will include the *creation of apps and websites to address real-life topics and problems*.	CS **only** 2022-23 and beyond
Yes	10014	PLTW Computer Science A	Following Project Lead the Way's suggested curriculum to prepare students for the College Board's Advanced Placement Computer Science A exam, PLTW Computer Science A (formerly known as PLTW Computer Science Applications) courses focus on *extending students' computational thinking skills through the use of various industry-standard programming and software tools. In these courses, students collaborate to design and produce solutions to real-life problems.*	CS **only** 2022-23 and beyond

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Yes	10015	PLTW Computer Science Principles	Following Project Lead the Way's suggested curriculum to prepare students for the College Board's Advanced Placement Computer Science Principles exam, PLTW Computer Science Principles (formerly known as PLTW Computer Science and Software Engineering) courses are designed to help students *develop computational thinking, and introduce students to possible career paths involving computing. These courses help students build programming expertise and familiarity with the Internet using multiple platforms and programming languages. Course content may include application development, visualization of data, cybersecurity, and simulation.*	CS **only** 2022-23 and beyond
Yes	10016	PLTW Cybersecurity	Following Project Lead the Way's suggested curriculum, PLTW Cybersecurity courses introduce students to the *tools and concepts of cybersecurity*. In these courses, students are encouraged to understand *vulnerabilities in computational resources and to create solutions that allow people to share computing resources while retaining privacy. These courses also introduce students to issues related to ethical computing behavior.*	CS **only** 2022-23 and beyond
Yes	10019	AP Computer Science Principles	Following the College Board's suggested curriculum designed to parallel college-level computer science principles courses, AP Computer Science Principles courses introduce *students to the fundamental ideas of computer science and how to apply computational thinking across multiple disciplines. These courses teach students to apply creative designs and innovative solutions when developing computational artifacts. These courses cover such topics as abstraction, communication of information using data, algorithms, programming, and the Internet.*	CS **only** 2022-23 and beyond

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Yes	10020	Cybersecurity	Cybersecurity courses introduce students to the *concepts of cybersecurity.* These courses provide students with the knowledge and s*kills to assess cyber risks to computers, networks, and software programs. Students will learn how to create solutions to mitigate cybersecurity risks. These courses may also cover the legal environment and ethical computing behavior related to cybersecurity.*	CS **only** 2022-23 and beyond
Yes	10021	Computer Science Discoveries	Computer Science Discoveries is a highly interactive and collaborative introduction to the field of computer science. The course takes a wide lens on computer science by covering topics such as problem solving, programming, physical computing, user centered design, and data. Students build their own websites, apps, animations, games, and physical computing systems. Students create and share their own content to meet various design challenges, as well as implement computational solutions to problems that impact their communities. Along the way, they practice design, testing, and iteration, as they come to see that failure and debugging are an expected and valuable part of the programming process.	CS **only** 2022-23 and beyond
No	10047	Computer Literacy - Independent Study	Computer Literacy - Independent Study courses, often conducted with instructors as mentors, enable students to explore computer-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.	Not CS 2022-23 and beyond
No	10048	Computer Literacy - Workplace Experience	Computer Literacy - Workplace Experience courses provide work experience in fields related to computer literacy. Goals are typically set cooperatively by the student, teacher, and employer (although students are	Not CS 2022-23 and beyond

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			not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.	
No	10049	Computer Literacy - Other	Other Computer Literacy courses.	Not CS 2022-23 and beyond
Yes	10051	Information Management	Information Management courses provide students with the *knowledge and skills to develop and implement a plan for an information system* that meets the needs of business. Students develop an *understanding of information system theory, skills in administering and managing information systems, and the ability to analyze and design information systems*.	CS **only** 2022-23 and beyond
Yes	10052	Database Management and Data Warehousing	Database Management and Data Warehousing courses provide students with the *skills necessary to design databases to meet user needs. Courses typically address how to enter, retrieve, and manipulate data into useful information. More advanced topics may cover implementing interactive applications for common transactions and the utility of mining data.*	CS **only** 2022-23 and beyond
Yes	10053	Database Applications	Database Application courses provide students with an *understanding of database development, modeling, design, and normalization. These courses typically cover such topics as SELECT statements, data definition, manipulation, control languages, records, and tables. In these courses, students may use Oracle WebDB, SQL, PL/SQL, SPSS, and SAS and may prepare for certification.*	CS **only** 2022-23 and beyond
Yes	10054	Data Systems/Processing	Data Systems/Processing courses introduce students to the *uses and operation of computer hardware and software and to the programming languages used in business applications. Students typically use BASIC,*	CS **only** 2022-23 and beyond

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			COBOL, and/or RPL languages as they write flowcharts or computer programs and may also learn data-processing skills.	
No	10055	Particular Topics in Management Information Systems	These courses examine particular topics in management information systems other than those already described elsewhere in this classification system.	Not CS 2022-23 and beyond
No	10097	Management Information Systems - Independent Study	Management Information Systems - Independent Study courses, often conducted with instructors as mentors, enable students to explore topics related to management information systems. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.	Not CS 2022-23 and beyond
No	10098	Management Information Systems - Workplace Experience	Management Information Systems - Workplace Experience courses provide work experience in fields related to management information systems. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.	Not CS 2022-23 and beyond
No	10099	Management Information Systems - Other	Other Management Information Systems courses.	Not CS 2022-23 and beyond
Yes	10101	Network Technology	Network Technology courses address the *technology involved in the transmission of data between and among computers through data lines, telephone lines, or other transmission media, such as hard wiring, wireless, cable networks, and so on.* These courses may	CS **only** 2022-23 and beyond

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			emphasize the *capabilities of networks, network technology itself, or both. Students typically learn about network capabilities and network technology, including the software, hardware, and peripherals involved in setting up and maintaining a computer network.*	
Yes	10102	Networking Systems	Networking Systems courses are designed to provide students with the opportunity to *understand and work with hubs, switches, and routers. Students develop an understanding of LAN (local area network), WAN (wide area network), wireless connectivity, and Internet-based communications (including cloud-based computing), with a strong emphasis on network function, design, and installation practices. Students acquire skills in the design, installation, maintenance, and management of network systems that may help them obtain network certification.*	CS **only** 2022-23 and beyond
Yes	10103	Area Network Design and Protocols	Area Network Design and Protocols courses address the *role of computers in a network system, the Open Systems Interconnection (OSI) model, structured wiring systems, and simple LAN (local area network) and WAN (wide area network) designs.*	CS **only** 2022-23 and beyond
Yes	10104	Router Basics	Router Basics courses teach students about *router components, installation, and configuration using routers (e.g., CISCO) switches and the IOS (Internetwork Operation System).* These courses also cover such topics as *TCP/IP protocol, IP addressing, subnetting concepts, and network trouble-shooting.*	CS **only** 2022-23 and beyond
Yes	10105	NetWare Routing	NetWare Routing courses introduce students to such topics as *Virtual LANs (VLAN) and switched internetworking, comparing traditional shared local area network (LAN) configurations with switched LAN configurations, and they also discuss the benefits of*	CS **only** 2022-23 and beyond

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			using a switched VLAN architecture. These courses also may cover *routing protocols like RIP, IGRP, Novell IPX, and Access Control Lists (ACLs).*	
Yes	10106	Wide Area Telecommunications and Networking	Wide Area Telecommunications and Networking courses provide students with the knowledge and skills to enable them to *design Wide Area Networks (WANs) using ISDN, Frame-Relay, and PPP*. These courses provide students with an *understanding of internetworking and expertise in trouble-shooting and assessing the adequacy of network configurations to meet changing conditions.* Topics may include also *Local Area Network (LAN) segmentation*.	CS **only** 2022-23 and beyond
Yes	10107	Wireless Networks	Wireless Networks courses focus on the *design, planning, implementation, operation, and trouble-shooting of wireless computer networks, including local access networks (LANs)*. These courses typically include a comprehensive overview of best practices in *technology, security, and design.*	CS **only** 2022-23 and beyond
Yes	10108	Network Security	Network Security courses provide students with an understanding of *network security principles and implementation.* Course topics usually include *authentication, the types of attacks and malicious code that may be used against computer networks, the threats and countermeasures for e-mail, Web applications, remote access, and file and print services.* These courses may also cover a variety of *security topologies as well as technologies and concepts used for providing secure communication channels, secure internetworking devices, intrusion detection systems, and firewalls.*	CS **only** 2022-23 and beyond

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Yes	10109	Essentials of Network Operating Systems	Essentials of Network Operating Systems courses provide students with an overview of *multi-user, multi-tasking network operating systems*. In these courses, students study the *characteristics of operating systems, such as Linux, and various Windows network operating systems* and explore a range of topics including installation procedures, *security issues*, back-up procedures, and remote access. Advanced topics may include *network administration,* including account management, training, *evaluating new technology, developing system policies, troubleshooting,* e-mail and business communications and Web site management.	CS **only** 2022-23 and beyond
Yes	10110	Microsoft Certified Professional (MCP)	Microsoft Certified Professional courses provide students with the knowledge and skills necessary to be employed as a *network administrator in the latest Windows server-networking environment*. Topics include installing, configuring, and *trouble-shooting the Windows server.* These courses prepare students to *set up network connection*s; *manage security issues and shares*; and *develop policies*. Students are typically encouraged to take the MCP exam.	CS **only** 2022-23 and beyond
No	10111	Particular Topics in Networking Systems	These courses examine particular topics in networking systems other than those already described elsewhere in this classification system.	Not CS 2022-23 and beyond
Yes	10112	Local Area Networking	Local Area Networking courses introduce students to *local area networking (LAN) administration skills, operating systems*, basic user skills, *defining network objects,* building a simple LAN topology applying principles of cabling, *LAN switching, designing file systems, managing user access, securing file systems, working with directory service software security, implementing network printing, implementing login scripts, and managing user environments.*	CS **only** 2022-23 and beyond

Eligible CS Course	SCED Course Code	SCED Course Title	SCED Definition (Blue font indicates alignment with computer science standards.)	WDE638 ContentArea Code CS - Computer Science
Yes	10147	Networking Systems - Independent Study	Networking Systems - Independent Study courses, often conducted with instructors as mentors, enable students to explore topics related to *networking systems.* Independent Study courses may serve as an opportunity for students to *expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills*.	CS **only** 2022-23 and beyond
Yes	10148	Networking Systems - Workplace Experience	Networking Systems - Workplace Experience courses provide students with *work experience in fields related to networking systems*. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.	CS **only** 2022-23 and beyond
No	10149	Networking Systems - Other	Other Networking Systems courses.	Not CS 2022-23 and beyond
Yes	10151	Business Programming	Business Programming courses provide students with experience in using previously written software packages. Topics may include *loops, arrays, and functions as well as instruction on how to design and write programs of their ow*n. These courses contain a *business industry focus and provide an overview of the principles of object-oriented design and programming (e.g., Visual Basic [VB], C++, Java, RPL)* related to the business industry.	CS **only** 2022-23 and beyond
Yes	10152	Computer Programming	Computer Programming courses provide students with the *knowledge and skills necessary to construct computer programs* in one or more languages. *Computer coding and program structure are often introduced with the BASIC language, but other*	CS **only** 2022-23 and beyond

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			computer languages, such as Visual Basic (VB), Java, Pascal, C++, and C#, may be used instead. Students learn to *structure, create, document, and debug computer programs.* Advanced courses may include instruction in *object-oriented programming to help students develop applications for Windows, database, multimedia, games, mobile and/or Web environments. An emphasis is placed on design, style, clarity, and efficiency. In these courses, students apply the skills they learn to relevant authentic applications.*	
Yes	10153	Visual Basic (VB) Programming	Visual Basic (VB) Programming courses provide an opportunity for students to gain expertise in computer programs using the Visual Basic (VB) language. As with more general *computer programming courses, the emphasis is on how to structure and document computer programs and how to use problem-solving techniques.* These courses cover such topics as the *use of text boxes, scroll bars, menus, buttons, and Windows applications*. More advanced topics may include mathematical and business functions and graphics.	CS **only** 2022-23 and beyond
Yes	10154	C++ Programming	C++ Programming courses provide an opportunity for students to gain expertise in *computer programs using the C++ language*. As with more general computer programming courses, the emphasis is on how to *write logically structured programs, include appropriate documentation, and use problem-solving techniques. More advanced topics may include multi-dimensional arrays, functions, sorting, loops, and records.*	CS **only** 2022-23 and beyond
Yes	10155	Java Programming	Java Programming courses provide students with the opportunity to gain expertise in *computer programs using the Java language.* As with more general computer programming courses, the emphasis is on how to *structure and document computer programs,*	CS **only** 2022-23 and beyond

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			using problem-solving techniques. Topics covered in the course include syntax, I/O classes, string manipulation, and recursion.	
Yes	10156	Computer Programming - Other Language	Computer Programming - Other Language courses provide students with the opportunity to gain expertise in computer programs using languages other than those specified (such as Pascal, FORTRAN, Python, or emerging languages). As with other computer programming courses, the emphasis is on how to structure and document computer programs, using problem-solving techniques. As students advance, they learn how to best utilize the features and strengths of the language being used.	CS **only** 2022-23 and beyond
Yes	10157	AP Computer Science A	Following the College Board's suggested *curriculum designed to mirror college-level computer science courses,* AP Computer Science A courses emphasize *object-oriented programming methodology with a focus on problem solving and algorithm development.* These courses cover such topics as *object-oriented program design; program implementation; program analysis; standard data structures; standard algorithms; and the ethical and social implications of computing systems.*	CS **only** 2022-23 and beyond
Yes	10159	IB Computer Science	IB Computer Science courses prepare students to take the International Baccalaureate Computer Science exam at either the standard or higher level. The courses emphasize *system fundamentals, computer organization, and networks, as well as the fundamental concepts of computational thinking, the development of practical computational solutions, and programming*. IB Computer Science courses also cover the *applications and effects of the computer on modern society as well as the limitations of computer technology*.	CS **only** 2022-23 and beyond

Eligible CS Course	SCED Course Code	SCED Course Title	SCED Definition (Blue font indicates alignment with computer science standards.)	WDE638 ContentArea Code CS - Computer Science
Yes	10160	Particular Topics in Computer Programming	These courses examine particular *topics in computer programming* other than those already described elsewhere in this classification system.	CS **only** 2022-23 and beyond
Yes	10197	Computer Programming - Independent Study	Computer Programming - Independent Study courses, often conducted with instructors as mentors, *enable students to explore topics related to computer programming*. Independent Study courses may serve as an opportunity for students to *expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.*	CS **only** 2022-23 and beyond
Yes	10198	Computer Programming - Workplace Experience	Computer Programming - Workplace Experience courses provide students with *work experience in fields related to computer programming.* Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.	CS **only** 2022-23 and beyond
Yes	10199	Computer Programming - Other	Other Computer Programming courses.	CS **only** 2022-23 and beyond
Yes	10201	Web Page Design	Web Page Design courses teach students how to design websites by introducing them to and refining their knowledge of site planning, page layout, graphic design*, and the use of markup languages - such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, Document Object Model, and Cascading Style Sheets - to develop and maintain a web page*. These courses may also cover *security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet*. Advanced topics may include the *use of forms and scripts for database*	CS **only** 2022-23 and beyond

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			access, transfer methods, and networking fundamentals.	
No	10202	Computer Graphics	Computer Graphics courses provide students with the opportunity to explore the ways in which computers can produce visual imagery that communicates information and ideas effectively to multiple audiences using a variety of media and formats. Course topics may include principles and elements of design, image creation, image manipulation, and image types.	Not CS 2022-23 and beyond
No	10203	Interactive Media	Interactive Media courses provide students with the knowledge and skills to create, design, and produce interactive digital media products and services. The courses may emphasize the development of digitally generated and/or computer-enhanced media. Course topics may include 3D animation, graphic media, web development, and virtual reality. Upon completion of these courses, students may be prepared for industry certification.	Not CS 2022-23 and beyond
No	10204	Particular Topics in Media Technology	These courses examine particular topics in internet design and applications other than those already described elsewhere in this classification system.	Not CS 2022-23 and beyond
Yes	10205	Computer Gaming and Design	Computer Gaming and Design courses prepare students to design computer games by studying design, animation, artistic concepts, digital imaging, *coding, scripting,* multimedia production, and game play	CS **only** 2022-23 and beyond

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			strategies. Advanced course topics include, but are not limited to, level design, environment and 3D modeling, scene and set design, motion capture, and texture mapping.	
Yes	10206	Mobile Applications	Mobile Applications courses provide students with opportunities to *create applications for mobile devices using a variety of commercial and open source software*. These courses typically address the installation and modification of these applications, as well as customer service skills to handle user issues.	CS **only** 2022-23 and beyond
No	10247	Media Technology - Independent Study	Media Technology - Independent Study courses, often conducted with instructors as mentors, enable students to explore topics related to media technology. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.	Not CS 2022-23 and beyond
No	10248	Media Technology - Workplace Experience	Media Technology - Workplace Experience courses provide students with work experience in fields related to media technology. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.	Not CS 2022-23 and beyond
No	10249	Media Technology - Other	Other Media Technology courses.	Not CS 2022-23 and beyond
No	10251	Computer Technology	Computer Technology courses introduce students to the *features, functions, and design of computer hardware* and provide instruction in the maintenance	Not CS 2022-23 and beyond

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			and repair of computer components and peripheral devices.	
No	10252	Computer Maintenance	Computer Maintenance courses prepare students to apply basic electronic theory and principles in diagnosing and repairing personal computers and *input/output devices*. Topics may include operating, installing, maintaining, and repairing computers, *network systems*, *digital control instruments, programmable controllers, and processors.*	Not CS 2022-23 and beyond
No	10253	Information Support and Services	Information Support and Services courses prepare students to assist users of personal computers by diagnosing their problems in using application software packages and *maintaining security requirements.*	Not CS 2022-23 and beyond
No	10254	IT Essentials: PC Hardware and Software	IT Essentials: PC Hardware and Software courses provide students with in-depth exposure to computer hardware and operating systems. Course topics include the functionality of *hardware and software components* as well as suggested best practices in maintenance and safety issues. Students learn to assemble and configure a computer, *install operating systems and software, and troubleshoot hardware and software problems.* In addition, these courses introduce students to *networking* and often prepare them for industry certification.	Not CS 2022-23 and beyond
No	10255	CISCO - The Panduit Network Infrastructure Essentials (PNIE)	CISCO - PNIE courses provide students with the knowledge to create innovative *network infrastructure solutions.* These courses offer students basic cable installer information and help them acquire the skills to build and use the physical layer of *network infrastructure and develop a deeper understanding of networking devices*.	Not CS 2022-23 and beyond

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No	10256	Particular Topics in Information Support and Services	These courses examine particular topics in computer support, maintenance, and repair other than those already described elsewhere in this classification system.	Not CS 2022-23 and beyond
No	10297	Information Support and Services - Independent Study	Information Support and Services - Independent Study courses, often conducted with instructors as mentors, enable students to explore topics related to computer information support and services. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.	Not CS 2022-23 and beyond
No	10298	Information Support and Services - Workplace Experience	Information Support and Services - Workplace Experience courses provide students with work experience in fields related to information support and/or service. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.	Not CS 2022-23 and beyond
No	10299	Information Support and Services - Other	Other Information Support and Services courses.	Not CS 2022-23 and beyond
Yes	10301	Computer Forensics	Computer Forensics courses address the *preservation, identification, extraction, documentation, and interpretation of computer data*. Topics covered may include *legal concepts*, evidence handling and preservation, file system structures, chain of custody, and *identification and recovery of computer data.* These courses may also cover the need to perform an investigation and how to collect evidence and *analyze data*.	CS **only** 2022-23 and beyond

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Yes	10302	Cyber Crime	Cyber Crime courses cover *legal and ethical behavior associated with network security.* Topics may include discussions about *current common practices used to secure networks*, how to *test these networks, and presents methods that can be used to create a secure network environment*. These courses may also cover the impact *federal and state legislation has had on information technology practices.*	CS **only** 2022-23 and beyond
No	10995	Information Technology - Aide	Formerly Computer and Information Sciences - Aide, Information Technology - Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.	Not CS 2022-23 and beyond
No	10997	Information Technology - Independent Study	Formerly Computer and Information Sciences - Independent Study, Information Technology - Independent Study courses, often conducted with instructors as mentors, enable students to explore computer-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.	Not CS 2022-23 and beyond
No	10998	Information Technology - Workplace Experience	Formerly Computer and Information Sciences - Workplace Experience, Information Technology - Workplace Experience courses provide students with work experience in fields related to computer and/or information sciences. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion	Not CS 2022-23 and beyond

Eligible CS Course	SCED Course Code	SCED Course Title	SCED Definition (Blue font indicates alignment with computer science standards.)	WDE638 ContentArea Code CS - Computer Science
			regarding experiences that students encounter in the workplace.	
No	10999	Information Technology - Other	Other Information Technology courses.	Not CS 2022-23 and beyond