



OKLAHOMA
CareerTech

FY 25 OCAS Codes for Courses

July 1, 2024- June 30, 2025

8000+ subject codes should only be used for approved Oklahoma Department of Career and Technology Education programs taught by a CareerTech Teacher. High schools should transcript courses taught at the technology centers using the 8000+ and/or 9000+ OCAS codes provided by the technology center.

Oklahoma Department of Career &
Technology Education
CCD Academics

8700 8800	SCIENCE, TECHNOLOGY, ENGINEERING, MATH	OK Promise	Academic Credit	Grade Level	Site Code	CTIMS Code
8149	Desktop Publishing and Graphic Design	OK Promise	Computer Technology	9-12, adults	B	ST00313
8150	Multimedia & Image Management Techniques	OK Promise	Computer Technology	9-12, adults	B	ST00314
8153	Fundamentals of Web Design*	OK Promise	Computer Science	9-12, adults	B	ST00315
8160	Advanced Programming	OK Promise	Computer Science	9-12, adults	B	ST00316
8169	Fundamentals of Technology	OK Promise	Computer Technology	8-12, adults	B	ST00317
8191	Digital Media Production	OK Promise	Computer Technology	9-12	B	ST00318
8255	Internet of Things (IoT) Fundamentals	OK Promise	Computer Science	6-12, adults	B	ST00319
8256	Cybersecurity Basics	OK Promise	Computer Science	9-12, adults	B	ST00320
8260	Drone Technology	OK Promise	Computer Technology	9-12	B	ST00329
8559	Medical Terminology		0.5	9-12	B	ST00301
8701	Survey of Biotechnology			9-12, adults	B	ST00025
8702	Biotechnology I			9-12, adults	B	ST00017
8703	Biotechnology II	OK Promise	Science	9-12, adults	B	ST00018
8704	Advanced Biotechnology I			9-12, adults	B	ST00026
8705	STEM Capstone			9-12	B	ST00027
8706	PLTW Principles of Biomedical Science	OK Promise	Science	9-12	F	ST00003
8707	PLTW Human Body Systems	OK Promise	Science	9-12	F	ST00001
8708	PLTW Medical Interventions	OK Promise	Science	9-12	F	ST00004
8709	Intro to Engineering Design	OK Promise	Computer Technology	9-12	F	ST00023
8710	Principles of Engineering	OK Promise	Computer Technology	9-12	F	ST00024
8711	PLTW Digital Electronics	OK Promise	Math	9-12	F	ST00021
8712	PLTW Computer Integrated Manufacturing	OK Promise	Computer Technology	9-12	F	ST00041

Sites Offered	
A	Offered to adult students in technology centers only
B	Offered to secondary and adult students in technology centers or K-12 schools
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8700 8800	SCIENCE, TECHNOLOGY, ENGINEERING, MATH	OK Promise	Academic Credit	Grade Level	Site Code	CITMS CODE
8713	PLTW Civil Engineering and Architecture	OK Promise	Computer Technology	9-12	F	ST00019
8715	PLTW Aerospace Engineering	OK Promise	Science	9-12	F	ST00013
8716	PLTW Capstone			9-12	F	ST00022
8717	Advanced Biotechnology II	OK Promise	Science	9-12,adult	B	ST00040
8718	Biomedical Health Careers			9-12	F	ST00060
8719	PLTW Biomedical Innovation	OK Promise	Science	9-12	F	ST00005
8720	Crime Scene Investigation	OK Promise	Science	10-12, adults	B	ST00278
8721	STEM Internship			9-12	B	ST00328
8722	Quantum Computing			9-12	F	ST00302
8825	Advanced Technological Applications			9-12	F	ST00191
8826	Advanced Design Applications			9-12	F	ST00125
8827	Engineering Design			9-12	F	ST00192
8828	Technology Foundations			9-12	F	ST00134
8830	Engineering Exploration			5-8	C	ST00289
8830	STEM Career Exploration			5-8	C	ST00287
8833	Robotics Engineering	OK Promise	Computer Technology	9-12	F	ST00142
8835	Health Science Exploration			5-8	C	ST00286
8838	Information Technology Exploration			5-8	C	ST00287
8847	Technology and Society			9-12	F	ST00187
8848	Technological Design			9-12	F	ST00136
8849	Science and Technical Visualization I			9-12	F	ST00188
8850	Science and Technical Visualization II			9-12	F	ST00189

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8852	Computer Science Essentials	OK Promise	Computer Science	9-12	F	ST00248
8854	PLTW Environmental Sustainability	OK Promise	Science	9-12	F	ST00213
8855	The Nature of Science & Technology			9-12	F	ST00243
8856	Core Applications of Science & Technology			9-12	F	ST00244
8857	Impacts of Science & Technology			9-12	F	ST00245
8858	Creativity & Innovations			9-12	F	ST00247
8860	Computer Science Principles	OK Promise	Computer Science	9-12	F	ST00249
8861	PLTW Cybersecurity	Ok Promise	Computer Technology	9-12	F	ST00250
8862	Advanced Technology for Design Production			9-12	F	ST00251
8863	Systems of Advanced Technology			9-12	F	ST00252
8864	Mechatronic Systems for Advanced Production			9-12	F	ST00253
8865	Design for the Production of Advanced Products			9-12	F	ST00254
8866	Advanced Robotics Engineering	OK Promise	Computer Technology	9-12	F	ST00255
8867	Computer Science Discoveries	OK Promise	Computer Science	8-12	F	ST00256
8868	Aeroponics/Hydroponics/Aquaponics			9-12	F	ST00257
8869	STEM Core			10-12	D	ST00258
8870	Space Engineering Concepts	OK Promise	Computer Technology	9-12	F	ST00259
8871	Python	OK Promise	Computer Science	9-12	F	ST00260
8872	Renewable Energy			9-12	F	ST00261
8873	Google Tools	OK Promise	Computer Technology	8-12	F	ST00262
8874	Aviation I			7-12	F	ST00263
8875	Aviation II	OK Promise	Computer Technology	8-12	F	ST00264

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8700 8800	SCIENCE, TECHNOLOGY, ENGINEERING, MATH	OK Promise	Academic Credit	Grade Level	Site Code	CITMS CODE
8876	Aviation III	OK Promise	Computer Technology	9-12	F	ST00265,ST00267
8877	Aviation IV			9-12	F	ST00266
8878	Engineering Essentials	OK Promise	Computer Technology	9-12	F	ST00268
8879	Mechanical Design Engineering	OK Promise	Computer Technology	9-12	F	ST00272
8880	Architecture Design	OK Promise	Computer Technology	9-12	F	ST00273
8881	Virtual Reality (VR) Coding*	OK Promise	Computer Technology	9-12	F	ST00274
8882	Advanced Mechanical Design Engineering	OK Promise	Computer Technology	9-12	F	ST00275
8883	Aerospace Capstone			11-12, adult	B	ST00284
8884	Regulations & Ground Operations			9-12, adult	B	ST00279
8885	Aircraft Materials & Corrosion Control			9-12, adult	B	ST00280
8886	Applied Science of Aircraft Maintenance	OK Promise	Computer Technology	9-12, adult	B	ST00282
8887	Basic Electricity - Aerospace	OK Promise	Computer Technology	9-12, adult	B	ST00281
8888	Drone Applications	OK Promise	Computer Technology	9-12	B	ST00297
8903	Architectural Computer-Aided Drafting and Design	OK Promise	Computer Technology	9-12, adult	B	ST00321
8904	Engineering Computer-Aided Drafting and Design	OK Promise	Computer Technology	9-12, adult	B	ST00322
8905	Fundamentals of Computer-Aided Drafting and Design	OK Promise	Computer Technology	9-12, adult	B	ST00323
8953	Introduction to Manufacturing			9-12, adult	B	ST00234
8971	Architecture & Construction Exploration			5-8	C	ST00292
8972	Arts, A/V Technology & Communication Exploration			5-8	C	ST00293
8976	Natural Resources Exploration			5-8	C	ST00294
8977	Manufacturing Exploration			5-8	C	ST00295
8978	Transportation Exploration			5-8	C	ST00296

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8700 8800	SCIENCE, TECHNOLOGY, ENGINEERING, MATH	OK Promise	Academic Credit	Grade Level	Site Code	CITMS CODE
8990	Work-Based Learning I			11-12	C	ST00303
8991	Work-Based Learning II			12	C	ST00304

Course with* qualify for Media Art
Embedded Credit

SDE Authorized						
2535	AP Computer Science A (CSA)	OK Promise	Computer Science	9-12	B	ST00208
2536	AP Computer Science Principles	OK Promise	Computer Science	9-12		ST00200
4412	Algebra II	OK Promise	Math	9-12	B	ST00006
4413	Algebra III	OK Promise	Math	9-12	B	ST00269
4520	Geometry	OK Promise	Math	9-12	B	ST00009
4611	Pre-Calculus	OK Promise	Math .5	9-12	B	ST00224
4611	Pre-Calculus	OK Promise	Math	9-12	B	ST00010
4614	AP Pre-Calculus	OK Promise	Math	9-12	B	ST00300
4612	Calculus	OK Promise	Math	9-12	B	ST00059
4615	AP Calculus AB	OK Promise	Math	9-12	B	ST00061
4616	AP Calculus BC	OK Promise	Math	9-12	B	ST00062
4740	Statistics and Probability	OK Promise	Math	9-12	B	ST00270
4750	Trigonometry	OK Promise	Math	9-12	B	ST00223
4760	AP Statistics	OK Promise	Math	9-12	B	ST00029
4830	Advanced Studies in Math I		Math	9-12	B	ST00290
4831	Advanced Studies in Math II		Math	9-12	B	ST00291
5010	Aeronautics		Science	9-12	B	ST00327
5035	AP Biology	OK Promise	Science	9-12	B	ST00028

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SDE Authorized						
5051	Chemistry I	OK Promise	Science	9-12	B	ST00016
5055	AP Chemistry	OK Promise	Science	9-12	B	ST00007
5121	AP Environmental Science	OK Promise	Science	9-12	B	ST00002
5211	Physics I	OK Promise	Science	9-12	B	ST00011
5212	Physics II	OK Promise	Science	9-12	B	ST00271
5213	AP Physics 1: Algebra-Based	OK Promise	Science	9-12	B	ST00206
5214	AP Physics 2: Algebra-Based	OK Promise	Science	9-12	B	ST00207
5216	AP Physics C: Mechanics	OK Promise	Science	9-12	B	ST00064
5217	AP Physics C: Electricity & Magnetism	OK Promise	Science	9-12	B	ST00065
5333	Anatomy & Physiology	OK Promise	Science	9-12	B	ST00299
5336	Microbiology	OK Promise	Science	9-12	B	ST00015

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