FY 24 OCAS Codes for Courses

Oklahoma Department of Career & Technology Education

CCD | ACADEMICS

STEM

8700 8800	Science, Technology, Engineering, Mathematics	OK Promise	Academic Credit	Grade level	Site Code	CTIMS Code
8149	Desktop Publishing and Graphic Design	OK Promise	Computer Technology	9-12, adults	B	BT00063
8150	Multimedia & Image Management Techniques	OK Promise	Computer Technology	9-12, adults	B	BT00128
8153	Fundamentals of Web Design	OK Promise	Computer Science	9-12, adults	B	BT00003
8160	Advanced Programming	OK Promise	Computer Science	9-12, adults	B	BT00016
8169	Fundamentals of Technology	OK Promise	Computer Technology	9-12, adults	B	BT00182
8255	Internet of Things (IoT) Fundamentals	OK Promise	Computer Science	9-12, adults	B	BT00290
8256	Cybersecurity Basics	OK Promise	Computer Science	9-12, adults	B	BT00291
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
8713	PLTW Civil Engineering and Architecture			9-12	F	ST00019
8715	PLTW Aerospace Engineering	OK Promise	Science	9-12	F	ST00013
8716	PLTW Engineering Design and Development			9-12	F	ST00022
8717	Advanced Biotechnology II		Science	9-12	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		Science	10-12, adults	F	ST00278
8825	Advanced Technological Applications			9-12	F	ST00191
8826	Advanced Design Applications			9-12	F	ST00125

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STEM

8827	Engineering Design			9-12	F	ST00192
8828	Technology Foundations			9-12	F	ST00134
8830	STEM Career Exploration			6-8	C	ST00288
8833	Robotics Engineering	OK Promise	Computer Technology	9-12	F	ST00142
8834	Robotics Engineering and Automation			9-12	F	ST00140
8835	Health Science Exploration			6-8	C	ST00286
8838	Information Technology Exploration			6-8	C	ST00237
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
8851	AP Computer Science Principles	OK Promise	Computer Science	9-12	F	ST00200
8852	Computer Science Essentials	OK Promise	Computer Science	9-12	F	ST00248
8853	AP Computer Science A (CSA)	OK Promise	Computer Science	9-12	F	ST00208
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
8859	Aerospace I			9-12	F	ST00246
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

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STEM

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			8-12	F	ST00263
8875	Aviation II	OK Promise	Computer Technology	9-12	F	ST00264
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	OK Promise	Computer Technology	9-12, adult	B	ST00281
8888	Drone Applications			9-12. adult	B	ST00297
8903	Architectural Computer Aided Drafting and Design	OK Promise	Computer Technology	9-12, adult	B	TI00880
8904	Engineering Computer Aided Drafting and Design	OK Promise	Computer Technology	9-12, adult	B	TI00465
8905	Fundamentals of Computer Aided Drafting and Design	OK Promise	Computer Technology	9-12, adult	B	TI00365
8953	Introduction to Manufacturing			9-12, adult	B	TI02044
8971	Architecture & Construction Exploration			6-8	C	ST00292
8972	Arts, A/V Technology & Communication Exploration			6-8	C	ST00293
8976	Natural Resources Exploration			6-8	C	ST00294
8977	Manufacturing Exploration			6-8	C	ST00295
8978	Transportation Exploration			6-8	C	ST00296

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	SDE Authorized					
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	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
5035	AP Biology	OK Promise	Science	9-12	B	ST00028
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
5220	Physiology	OK Promise	Science	9-12	B	HL00598
5333	Anatomy	OK Promise	Science	9-12	B	HL00597
5336	Microbiology	OK Promise	Science	9-12	B	ST00015

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