



OCAS Codes for FY21 - Courses

July 1, 2020 - June 30, 2021

***8000+ subject codes** should be used at high schools for courses taught by certified CareerTech Education (CTE) teachers only. Some courses at technology centers use SDE subject codes (Geometry, Algebra II, etc.) High schools should transcript courses taught at the technology centers using the 8000+ or 9000+ subject codes provided by the technology centers.*

Oklahoma Department of Career and Technology Education

Science, Technology, Engineering & Mathematics
OCAS Subject Codes for FY21 - COURSES

8700 & 8800	Science, Technology, Engineering, Mathematics	OK Promise	Academic Credit	Grade level	Site Code
8701	Survey of Biotechnology			9-12	B
8702	Biotechnology I			9-12	B
8703	Biotechnology II			9-12	B
8704	Advanced Biotechnology I			9-12	B
8705	STEM Capstone			9-12	B
8706	PLTW Principles of Biomedical Science	OK Promise	Science	9-12	B
8707	PLTW Human Body Systems	OK Promise	Science	9-12	B
8708	PLTW Medical Interventions	OK Promise	Science	9-12	B
8709	Intro to Engineering Design	OK Promise	Computer Science	9-12	B
8710	Principles of Engineering	OK Promise	Computer Science	9-12	B
8711	PLTW Digital Electronics	OK Promise	Math	9-12	B
8712	PLTW Computer Integrated Manufacturing	OK Promise	Computer Science	9-12	B
8713	PLTW Civil Engineering and Architecture			9-12	B
8715	PLTW Aerospace Engineering	OK Promise	Science	9-12	B
8716	PLTW Engineering Design and Development			9-12	B
8717	Advanced Biotechnology II			9-12	B
8718	Biomedical Health Careers			9-12	B
8719	PLTW Biomedical Innovation	OK Promise	Science	9-12	B
8825	Advanced Technological Applications			9-12	B
8826	Advanced Design Applications			9-12	B
8827	Engineering Design			9-12	B
8828	Technology Foundations			6-8	C
8830	Engineering Exploration			6-8	C
8833	Robotics Engineering	OK Promise	Computer Science	9-12	B
8834	Robotics Engineering and Automation			9-12	B
8835	Health Science Exploration			6-8	C
8838	Information Technology Exploration			6-8	C
8847	Technology and Society			9-12	C
8848	Technological Design			9-12	B
8849	Science and Technical Visualization I			9-12	C
8850	Science and Technical Visualization II			9-12	C
8851	AP Computer Science Principles	OK Promise	Computer Science	9-12	B
8852	Computer Science Essentials	OK Promise	Computer Science	9-12	B
8853	AP Computer Science A (CSA)	OK Promise	Computer Science	9-12	B
8854	PLTW Environmental Sustainability	OK Promise	Science	9-12	B
8855	The Nature of Science & Technology			6-8	C
8856	Core Applications of Science & Technology			9-12	B
8857	Impacts of Science & Technology			9-12	B
8858	Creativity & Innovations			9-12	B
8859	Fundamentals of Aerospace Technology			9-12	B
8860	Computer Science Principles	OK Promise	Computer Technology	9-12	B
8861	PLTW Cybersecurity			9-12	B
8862	Advanced Technology for Design Production			9-12	B
8863	Systems of Advanced Technology			9-12	B
8864	Mechatronic Systems for Advanced Production			9-12	B
8865	Design for the Production of Advanced Products			9-12	B
8866	Advanced Robotics Engineering	OK Promise	Computer Science	9-12, adult	B
8867	Computer Science Discoveries	OK Promise	Computer Science	8-12	B

Science, Technology, Engineering & Mathematics
OCAS Subject Codes for FY21 - COURSES

8700 & 8800	Science, Technology, Engineering, Mathematics	OK Promise	Academic Credit	Grade level	Site Code
8868	Aeroponics/Hydroponics			9-12	B
8869	STEM Core			6-12	A
8870	Space Engineering Concepts	OK Promise	Computer Science	9-12	B
8871	Python	OK Promise	Computer Science	9-12	B
8872	Renewable Energy			9-12	B
8873	Google Tools	OK Promise	Computer Science	9-12	B
8874	Aviation I			9-12	B
8875	Aviation II			9-12	B
8876	Aviation III			9-12	B
8877	Introduction to Flight			9-12	B
8878	Engineering Essentials			9-12	B
8971	Architecture & Construction Exploration			6-8	C
8972	Arts, A/V Technology & Communication Exploration			6-8	C
8976	Natural Resources Exploration			6-8	C
8977	Manufacturing Exploration			6-8	C
8978	Transportation Exploration			6-8	C
4412	Algebra II	OK Promise		9-12	B
4520	Geometry	OK Promise		9-12	B
4611	Pre-Calculus	OK Promise		9-12	B
4612	Calculus	OK Promise		9-12	B
4615	AP Calculus AB	OK Promise		9-12	B
4616	AP Calculus BC	OK Promise		9-12	B
4750	Trigonometry	OK Promise		9-12	B
4760	AP Statistics	OK Promise		9-12	B
5035	AP Biology	OK Promise		9-12	B
5051	Chemistry	OK Promise		9-12	B
5055	AP Chemistry	OK Promise		9-12	B
5121	AP Environmental Science	OK Promise		9-12	B
5211	Physics	OK Promise		9-12	B
5213	AP Physics I	OK Promise		9-12	B
5214	AP Physics II	OK Promise		9-12	B
5216	AP Physics C-Mechanics	OK Promise		9-12	B
5217	AP Physics C-Electricity & Magnetism	OK Promise		9-12	B
5336	Microbiology	OK Promise		9-12	B
					Offered to adult students in technology centers only
					A
					Offered to secondary and adult students in technology centers or comprehensive schools
					B
					Offered to secondary students in comprehensive schools only
					C
					Offered to adults and secondary students in technology centers only
					D