CareerTech

OCAS Subject Codes

July 1, 2015 – June 30, 2016

Oklahoma Department of Career & Technology Education

Agriculture Education
OCAS Subject Codes for FY16 - COURSES (final list)

8000 AGRICULTURE EDUCATION

Code	Course	
8001	Agricultural Exploration and Orientation (One year program)	C
8002	Agriscience Exploration and Orientation (1 semester)	C
8003	Agriscience Exploration and Orientation (1 quarter year)	C
8004	Introduction to Agriscience	C
8005	Agriscience II	C
8006	Introduction to Plant and Soil Science	C
8007	Agriculture Crop Production	C
8008	Advanced Biological Plant Science	C
8009	Introduction to Agricultural Power and Technology	C
8010	Agricultural Power and Technology	C
8011	Agricultural Structures	C
8012	Introduction to Animal Science	C
8013	Livestock Production	C
8014	Small Animal Care and Veterinary Assisting	C
8015	Equine Science	C
8016	Advanced Biological Animal Science	C
8017	Introduction to Food Science	C
8018	Food and Biotechnology	C
8019	Introduction to Agribusiness Management	C
8020	Agricultural Sales and Marketing	C
8021	Employment in Agribusiness (Senior Course Only)	C
8022	Introduction to Agricultural Communications	C
8023	Agricultural Leadership and Personal Development	C
8024	Print and Broadcast Journalism in Agricultural Communication	C
8025	Introduction to Natural Resources and Environmental Science	C
8026	Pasture and Range Management	C
8027	Wildlife Science and Management	C
8028	Forestry	C
8029	Introduction to Horticulture	C
8030	Greenhouse Production and Floral Design	C
8031	Landscape and Nursery Production	C

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**

8100   BUSINESS AND INFORMATION TECHNOLOGY

Code	Course		
8101	Business and Computer Technology	OHLAP	B
8102	Business Information Technology Internship		C
8103	Fundamentals of Administrative Technologies	OHLAP	B
8104	Administrative Technologies II	OHLAP	B
8105	Office Administration & Management	OHLAP	B
8106	Career Major Capstone		B
8107	Accounting I		B
8108	Accounting II		B
8109	Computerized Accounting	OHLAP	B
8110	Payroll Accounting		B
8111	Financial Accounting		B
8112	Entrepreneurship: Business Development		B
8113	Entrepreneurship: Business Management		B
8114	Human Resources Concepts		B
8115	Employee and Labor Relations		B
8118	Business & Personal Finance		B
8120	Banking & Financial Services		B
8121	Network/Client Operating Systems	OHLAP	B
8122	Server Operating Systems	OHLAP	B
8123	Network Management	OHLAP	B
8124	Fundamentals of Linux/Unix	OHLAP	B
8125	Network and Routing Fundamentals	OHLAP	B
8126	Routing, Switching, and WAN Technologies	OHLAP	B
8127	Telcom and Network Cabling		B
8128	Advanced Routing and Remote Access Networks	OHLAP	B
8129	Multilayer Switching and Internetwork Support	OHLAP	B
8130	Principals of Information Assurance	OHLAP	B
8131	Network Security	OHLAP	B
8132	Enterprise Security Management	OHLAP	B
8133	Secure Electronic Commerce	OHLAP	B
8134	Cyber Forensics	OHLAP	B
8136	Computer Repair and Troubleshooting I	OHLAP	B
8137	Computer Repair and Troubleshooting II	OHLAP	B
8138	Computer Repair and Troubleshooting III	OHLAP	B
8139	Fundamentals of Database Development	OHLAP	B
8140	Database Design and Programming	OHLAP	B
8141	SQL and PL/SQL Database Applications Development	OHLAP	B
8142	Database Administration	OHLAP	B
8143	Modeling Languages		B
8144	Forms Development	OHLAP	B
8149	Desktop Publishing and Graphic Design	OHLAP	B
8150	Multimedia & Image Management Techniques	OHLAP	B
8151	Digital Editing and Production Photography		B
8153	Fundamentals of Web Design	OHLAP	B
8154	Design Tools and Electronic Marketing Strategies	OHLAP	B
8155	Advanced Design Techniques	OHLAP	B

8100   BUSINESS AND INFORMATION TECHNOLOGY

8156	Advanced Digital Animation	OHLAP	B
8157	Web Scripting Foundations	OHLAP	B
8158	E-Commerce Site Production	OHLAP	B
8159	Scripting Language Fundamentals	OHLAP	B
8160	Advanced Programming	OHLAP	B
8161	Systems Analysis, Design and Testing	OHLAP	B
8162	Advanced Scripting Languages	OHLAP	B
8163	Software Configuration Management	OHLAP	B
8164	Business Communications & Project Management		B
8165	C++ Programming	OHLAP	B
8166	C# Programming	OHLAP	B
8167	Visual Basic .NET Programming	OHLAP	B
8168	User Interface Design	OHLAP	B
8169	Fundamentals of Technology	OHLAP	B
8170	Bilingual Interpersonal Communications I		B
8177	Business Communications		B
8178	Personal Finance		B
8179	Intro to Entrepreneurship		B
8180	Math of Finance		B
8182	Windows XP Command Line	OHLAP	B
8183	Planning and Maintaining Server Network Infrastructure		B
8184	Active Directory Infrastructure	OHLAP	B
8185	Server Infrastructure Design	OHLAP	B
8186	Regulatory Compliance and Auditing	OHLAP	B
8187	Installing and Maintaining Desktop Applications		B
8189	Non-Linear Digital Production		B
8190	Advanced Digital Video Tools and Techniques		B
8191	Digital Media Production		B
8192	Non-Linear Digital Editing		B
8193	Audio Production		B
8194	Broadcast Production		B
8195	Studio Production (IT)		B
8196	Remote/Field Production (IT)		B
8197	Advanced Effects for Motion Graphics		B
8203	Audio Tools and Techniques		B
8204	Intermediate Sound Production		B
8205	Advanced Animation Techniques		B
8206	2D Animation Techniques		B
8207	Fundamentals of 3D Motion Graphics		B
8208	3D Animation		B
8209	3D Modeling and Rigging Techniques		B
8210	Web Authoring Languages		B
8211	Web Authoring Tools		B
8212	Web Application Technologies		B
8213	Interactive Marketing Techniques		B
8214	Flash Application Development		B

Business and Information Technology
OCAS Subject Codes for FY16 - COURSES (final list)

8100   BUSINESS AND INFORMATION TECHNOLOGY

8215	Advanced Flash Application Development		B
8216	Layout Design Techniques		B
8217	Server-Side Scripting		B
8218	Web Application Development		B
8219	Advanced Computer Applications for the Law office	OHLAP	B
8220	Principles of Animation		B
8221	Event and Project Planning Management		B
8222	Programming Fundamentals		B
8223	Network Security Awareness		B
8224	Cross Platform Game Programming		B
8225	Basic Programming		B
8226	Resort and Tourism Management		B
8227	Business Management for Travel and Tourism		B
8228	Fundamentals of Video Game Design		B
8229	Customer Assistance		B
8230	JAVA Programming		B
8231	Non-Linear Editing II		B
8232	Video Animation		B
8233	Database Administration II		B
8234	Awareness of GPS/GIS		B
8235	Essential Skills for ArcGIS		B
8236	Managing and Analyzing Data using ArcGIS		B
8237	Editing, Visualizing and Sharing Data in ArcGIS Software		B
8238	Beginning Android Development		B
8239	Intermediate Android Development		B
8240	Database Administration Fundamentals		B
8241	Mobile Development Fundamentals		B
8242	Networking Fundamentals		B
8243	Web Development Fundamentals		B
8244	Windows Server Administration Fundamentals		B
8245	Gaming Development Fundamentals		B
8246	Security Fundamentals		B
8247	HTML5 Application Developer Fundamentals		B
8248	.NET Fundamentals		B
8249	Software Development Fundamentals		B
8250	Windows Operating System Fundamentals		B
8251	Foundations for the Legal Office		B
8252	IT Essentials		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**

Family and Consumer Science
OCAS Subject Codes for FY16 - COURSES (final list)

8400	**FAMILY AND CONSUMER SCIENCE**	
8403	Parenting & Child Development	B
8404	Successful Adulthood: Personal Financial Literacy	B
8405	Nutrition, Food and Wellness	C
8406	Housing, Furnishings and Design Concepts	C
8407	Marriage & Family Life	C
8408	Leadership, Education and Achievement Program (LEAP)	C
8409	Academic Commitment to Education (ACE)	B
8411	Tween Life	C
8412	Investigate FACS	C
8413	Overview of the Fashion Industry	B
8414	Career Orientation	C
8415	FACS Basics	C
8419	School and Community Partnership I	B
8420	School and Community Partnership II	B
8421	Food Preparation and Nutrition for Life	C
8422	Early Care Professionals	B
8425	Textiles and Apparel Assembly	B
8426	Culinary Basic Skills	B
8428	Culinary Advanced Skills	B
8434	FACS Basics A	C
8435	FACS Basics B	C
8438	Investigate FACS 30	C
8439	Investigate FACS 60	C
8440	Tween Life 30	C
8441	Tween Life 60	C
8443	Chemistry of Food	C
8446	FACSEd Capstone	B
8448	Introduction to Hospitality and Tourism	B
8449	Successful Adulthood: Surviving and Thriving	C
8450	Introduction to Lodging	B
8452	Leadership and Management	B
8453	Lodging Management I	B
8454	Lodging Management II	B
8456	Tween Life with Personal Financial Literacy	C
8459	Teaching and Learning in Elementary, Secondary, and Adult Education	B
8460	Touring Oklahoma	B
8461	Design Application and Analysis	C
8465	ECE: Pathway to National Credential	B
8466	Occupational Basic Design and Custom Sewing	C
8467	Occupational Intermediate Apparel Design and Custom Sewing	C
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	Offered to secondary students in comprehensive schools only	**C**

Health Careers
OCAS Subject Codes for FY16 - COURSES (final list)

8550	**HEALTH CAREERS**	
8551	Health Careers I	B
8552	Health Careers II	B
8553	Health Careers III	B
8554	Health Careers Capstone	B
8556	Sports Medicine	B
8557	Biomedical Technology	B
5333	Anatomy and Physiology	B

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Marketing Education
OCAS Subject Codes for FY16 - COURSES (final list)

8600   MARKETING EDUCATION

8602	Marketing Fundamentals	B
8605	Customer Service	B
8606	Business Management and Supervision	B
8607	Sales and Sales Promotion	B
8608	Professional Sales	B
8611	Business and Marketing Communications	B
8612	Advertising Strategies	B
8613	Marketing Research	B
8614	Intro to Business/Marketing	B
8615	Marketing Economics	B
8616	Entrepreneurship	B
8617	Advanced Entrepreneurship	B
8618	International Business and Marketing	B
8619	E-Commerce Marketing	B
8620	Entrepreneurship Awareness	B
8621	Public Relations Marketing	B
8622	Marketing Internship	B
8623	Employment Essentials	B
8624	Product & Service Sales	B
8625	Buying and Merchandising	B
8627	Global Markets and Trade	B

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8700 Science, Technology, Engineering & Mathematics

8701	Survey of Biotechnology		B
8702	Biotechnology I		B
8703	Biotechnology II		B
8704	Advanced Biotechnology I		B
8705	Biotechnology Capstone		B
8706	PLTW Principles of Biomedical Sciences		B
8707	PLTW Human Body Systems		B
8708	PLTW Medical Interventions		B
8709	Introduction to Engineering Design	OHLAP	B
8710	Principles of Engineering	OHLAP	B
8711	PLTW Digital Electronics		B
8712	PLTW Computer Integrated Manufacturing		B
8713	PLTW Civil Engineering and Architecture		B
8714	PLTW Biotechnical Engineering		B
8715	PLTW Aerospace Engineering		B
8716	PLTW Engineering Design and Development		B
8717	Advanced Biotechnology II		B
8718	Biomedical Health Careers		B
8719	PLTW Biomedical Innovation		B
8801	TE Exploring Techology (9 Weeks)		C
8802	TE Exploring Techology (Semester)		C
8803	TE Exploring Techology (1 Year)		C
8805	Tech Connect Agriculture, Food and Natural Resources - (Semester)		C
8806	Tech Connect Architecture & Construction - (Semester)		C
8807	Tech Connect Arts, A/V Technology and Communications - (Semester)		C
8808	Tech Connect Information Technology - (Semester)		C
8809	Tech Connect Law, Public Safety and Security - (Semester)		C
8810	Tech Connect Manufacturing - (Semester)		C
8811	Tech Connect Transportation, Distribution and Logistics - (Semester)		C
8812	Tech Connect Science, Technology, Engineering and Mathematics - (Semester)		C
8813	Tech Connect Diversified Programs - (Semester)		C
8816	Tech Connect Agriculture, Food and Natural Resources - (1 Year)		C
8817	Tech Connect Architecture & Construction - (1 Year)		C
8818	Tech Connect Arts, A/V Technology and Communications - (1 Year)		C
8819	Tech Connect Information Technology - (1 Year)		C
8820	Tech Connect Law, Public Safety and Security - (1 Year)		C
8821	Tech Connect Manuracturing - (1 Year)		C
8822	Tech Connect Transportation, Distribution and Logistics - (1 Year)		C
8823	Tech Connect Science, Technology, Engineering and Mathematics - (1 Year)		C
8824	Tech Connect Diversified Programs - (1 Year)		C
8825	TE Advanced Technological Applications		C
8826	TE Advanced Design Applications		C
8827	TE Engineering Design		C
8828	TE Foundations of Technology		C
8829	Tech Connect Individual Coop Education		C
8830	PLTW GTT 6th Grade (9 Weeks)		C
8831	PLTW GTT 6th Grade (Semester)		C

Science, Technology, Engineering & Mathematics
OCAS Subject Codes for FY16 - COURSES (final list)

8700 Science, Technology, Engineering & Mathematics

Code	Course		
8832	PLTW GTT 6th Grade (1 Year)		C
8833	TE Robotics Engineering		C
8834	TE Robotics Engineering and Automation		C
8835	PLTW GTT 7th Grade (9 Weeks)		C
8836	PLTW GTT 7th Grade (Semester)		C
8837	PLTW GTT 7th Grade (1 Year)		C
8838	PLTW GTT 8th Grade (9 Weeks)		C
8839	PLTW GTT 8th Grade (Semester)		C
8840	PLTW GTT 8th Grade (1 Year)		C
8841	TE Invention and Innovation (9 Weeks)		C
8842	TE Invention and Innovation (Semester)		C
8843	TE Invention and Innovation (1 Year)		C
8844	TE Technology Systems (9 Weeks)		C
8845	TE Technology Systems (Semester)		C
8846	TE Technology Systems (1 Year)		C
8847	TE Technology and Society		C
8848	TE Technological Design		C
8849	TE Science and Technical Visualization 1		C
8850	TE Science and Technical Visualization 2		C
8851	PLTW Computer Science and Software Engineering		B
8852	PLTW Introduction to Computer Science (Semester)		B
8853	PLTW Computer Science Applications		B
8854	PLTW Environmental Sustainability		B
4750/4612	Trigonometry/Pre-Calculus	OHLAP	B
4412	Algebra II	OHLAP	B
4520	Geometry	OHLAP	B
4612	Pre-AP Calculus	OHLAP	B
4615	AP Calculus AB	OHLAP	B
4616	AP Calculus BC	OHLAP	B
4760	AP Statistics	OHLAP	B
5035	AP Biology	OHLAP	B
5051	Pre-AP Chemistry	OHLAP	B
5055	AP Chemistry	OHLAP	B
5121	AP Environmental Science	OHLAP	B
5211	Pre-AP Physics	OHLAP	B
5213	AP Physics I	OHLAP	B
5214	AP Physics II	OHLAP	B
5215	AP Physics B	OHLAP	B
5216	AP Physics C-Mechanics	OHLAP	B
5217	AP Physics C-Electricity & Magnetism	OHLAP	B
5336	Microbiology		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**

Trade and Industrial Education

OCAS Subject Codes for FY16 - COURSES (final list)

8900	**TRADE AND INDUSTRIAL EDUCATION**	
8901	Advanced Desktop Publishing and Graphic Design (OHLAP Approved)	B
8902	Advanced Web and Animation Design (OHLAP Approved)	B
8903	Architectural Computer Aided Drafting and Design (OHLAP Approved)	B
8904	Engineering Computer Aided Drafting and Design (OHLAP Approved)	B
8905	Fundamentals of Computer Aided Drafting and Design (OHLAP Approved)	B
8906	Manufacturing Computer Aided Drafting and Design (OHLAP Approved)	B
8907	TCP Automotive IA (Two Hour)	C
8908	TCP Automotive IB (Two Hour)	C
8909	TCP Automotive IIA (Three Hour)	C
8910	TCP Automotive IIB (Three Hour)	C
8915	TCP Carpentry IA (Two Hour)	C
8916	TCP Carpentry IB (Two Hour)	C
8917	TCP Carpentry IIA (Three Hour)	C
8918	TCP Carpentry IIB (Three Hour)	C
8921	TCP-Cosmetology I	C
8922	TCP-Cosmetology I-A	C
8923	TCP-Cosmetology II	C
8924	TCP-Cosmetology II-A	C
8925	TCP-Cosmetology III	C
8926	TCP-Cosmetology III-A	C
8927	TCP-Cosmetology IV	C
8928	TCP-Cosmetology IV-A	C
8935	TechConnect Plus Law Enforcement IA (Two Hour)	C
8936	TechConnect Plus Law Enforcement IB (Two Hour)	C
8937	TechConnect Plus Law Enforcement IIA (Three Hour)	C
8938	TechConnect Plus Law Enforcement IIB (Three Hour)	C
8939	Theory of CAD	B
8940	Workforce Connection	B
8941	Workforce Induction	B
8942	Workforce Staging	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**

Agriculture, Food and Natural Resources Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9000	**AGRICULTURE, FOOD AND NATURAL RESOURCES**	
9001	Agriculture and Machinery Repair Technician	B
9002	Equine Science	B
9003	Floriculture Design	B
9004	Horticulture	B
9005	Landscape Design/Maintenance	B
9006	Meat Processor	B
9007	Service Careers-Landscape	B
9008	Service Careers-Horticulture	B
9009	Agriculture and Machinery Repair Technician - Specialized	B
9010	Equine Science - Specialized	B
9011	Floriculture Design - Specialized	B
9012	Landscape Design/Maintenance - Specialized	B
9013	Meat Processor - Specialized	B
9014	Service Careers-Horticulture - Specialized	B
9015	Agri Technology	B
9016	Agri Technology - Specialized	B
9017	Crop Care Professional	B
9018	Greenhouse/Landscape Assistant	B
9019	Greenhouse/Landscape Assistant - Specialized	B
9020	Horticulture - Specialized	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**

Architecture & Construction Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9050	**ARCHITECTURE AND CONSTRUCTION**	
9051	Building Maintenance	B
9052	Cabinet Making	B
9053	Carpentry	B
9054	Computer-Aided Drafting - Construction	B
9055	Construction and Architectural Design Academy	B
9056	Construction Welding	B
9057	Electricity-Commercial	B
9058	Electricity-Residential	B
9059	Heating, Ventilation, A/C-Commercial	B
9060	Heating, Ventilation, A/C-Residential	B
9061	Heavy Equipment Operator	B
9062	Industrial Electricity	B
9063	Industrial Maintenance	B
9064	Major Appliance	B
9065	Masonry	B
9066	Masonry - Specialized	B
9067	Plumbing	B
9068	Refrigeration Service	B
9069	Residential Construction	B
9070	Security and Alarm Systems	B
9071	Service Careers-Building Maintenance	B
9072	Service Careers-Custodial Floor Care Technician	B
9073	Service Careers-Forklift Operation	B
9074	Home Technology Integration (Construction)	B
9075	Home Technology Integration (Construction) - Specialized	B
9076	Service Careers-Building Maintenance - Specialized	B
9077	Service Careers-Custodial Floor Care Technician - Specialized	B
9078	Carpentry - Specialized	B
9079	Major Appliance - Specialized	B
9080	Heating, Ventilation, A/C-Commercial - Specialized	B
9081	Heating, Ventilation, A/C-Residential - Specialized	B
9082	Security and Alarm Systems - Specialized	B
9083	Refrigeration Service - Specialized	B
9084	Computer-Aided Drafting - Construction - Specialized	B
9085	Electricity-Commercial - Specialized	B
9086	Electricity-Residential - Specialized	B
9087	Industrial Electricity - Specialized	B
9088	Industrial Maintenance - Specialized	B
9089	Heavy Equipment Operator - Specialized	B
9090	Residential Construction - Specialized	B
9091	Concrete Finisher	B
9092	Concrete Finisher - Specialized	B
9093	Animator Technician	B
9094	Cabinet Making - Specialized	B
9095	Plumbing - Specialized	B
9096	Painter	B
9097	Painter - Specialized	B
9098	Construction Technology	B
9099	Construction Technology - Specialized	B
9100	Green Construction Trades	B
9101	Green Construction Trades - Specialized	B
9102	Building Maintenance - Specialized	B
9103	Architecture and Construction Workforce Transition	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**

Arts, A/V Technology and Communications Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9125	**ARTS, A/V TECHNOLOGY AND COMMUNICATIONS**	
9126	Advertising and Design	B
9127	Audio and Video Technology	B
9128	Boot and Saddle Making	A
9129	Broadcast and Sound Engineering	B
9130	Commercial Photography	B
9131	Electronic Imaging and Publishing	B
9132	Fashion and Apparel Design	B
9133	Graphic Communications	B
9134	Interior Design	B
9135	Jewelry Design	A
9136	Printing Technology	B
9137	Telecommunication Technology	B
9138	Upholstery Technology	B
9139	Visual Arts Production and Illustration Technology	B
9140	Web Design and Development	B
9141	Web Design and Development - Specialized	B
9142	Cinematography and Recording Arts Production	B
9143	Press Operation Technology	B
9144	Graphic Communications-Specialized	B
9145	Electronic Imaging and Publishing - Specialized	B
9146	Graphic Design-Production Technology	B
9147	Graphic Design-Production Technology - Specialized	B
9148	Image Print Design	B
9149	Image Print Design - Specialized	B
9150	Printing Technology - Specialized	B
9151	3D Gaming Designer	B
9152	3D Gaming Designer - Specialized	B
9153	Production Artist for Print Technology	B
9154	Production Artist for Print Technology - Specialized	B
9155	Advertising and Design - Specialized	B
9156	Commercial Photography - Specialized	B
9157	Copy Center Technology	B
9158	Digital Media Web Technology	B
9159	Digital Media Web Technology - Specialized	B
9160	Visual Arts Production and Illustration Technology - Specialized	B
9161	Broadcast and Sound Engineering - Specialized	B
9162	Performance Graphics Design	B
9163	Broadcasting and Journalism	B
9164	Press Operation Technology - Specialized	B
9165	Digital Graphic Design	B
9166	Digital Graphic Design - Specialized	B
9167	Boot and Saddle Making - Specialized	A

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**

Business Management and Administration Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9200   BUSINESS, MANAGEMENT AND ADMINISTRATION

Code	Career Major	
9201	Administrative Medical Assistant	B
9202	Administrative Assistant	B
9203	Bilingual Customer Service Representative	B
9204	Court Reporter	B
9205	Customer Service	B
9206	Entrepreneur	B
9207	Entrepreneur Advanced	B
9208	Human Resources Assistant	B
9209	Human Resources Assistant Advanced	B
9210	Legal Office Assistant	B
9211	Legal Receptionist	B
9212	Medical Insurance Coder	B
9213	Medical Office Assistant	B
9214	Medical Transcriptionist	B
9215	Office Information Specialist	B
9216	Medical Transcriptionist Advanced	B
9217	Legal Office Assistant Advanced	B
9218	Medical Office Assistant Advanced	B
9219	Medical Insurance Coder Advanced	B
9220	Administrative Medical Assistant Advanced	B
9221	Office Information Specialist Advanced	B
9222	Bilingual Customer Service Representative Advanced	B
9223	Court Reporter Advanced	B
9224	Scopist	B
9225	Executive Administrative Assistant	B
9226	Executive Administrative Assistant Advanced	B
9227	Microsoft Office Specialist	B
9228	Microsoft Office Specialist Advanced	B
9229	Scopist - Advanced	B
9230	Electronic Health Record Specialist	B
9231	Electronic Health Record Specialist - Specialized	B
9232	Project Coordination and Management	B
9233	Project Coordination and Management - Advanced	B

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Offered to secondary students in comprehensive schools only	**C**

Education and Training Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9240   EDUCATION AND TRAINING

9241   Teaching/Training   B

9242   Pre-Education   B

9243   Teacher Prep   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**

Finance Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9250	**FINANCE**	
9251	Accounts Payable/Receivable Clerk	B
9252	Accounts Payable/Receivable Clerk Specialized	B
9254	Financial Services Representative	B
9255	Financial Assistant	B
9256	Financial Clerk	B
9257	Financial Customer Service	B
9258	Full Charge Bookkeeper	B
9259	Insurance Customer Service Representative	B
9260	Insurance Customer Service Representative - Specialized	B
9261	Payroll Accounting Clerk	B
9262	Oil and Gas Accounting Clerk	B
9263	Oil and Gas Accounting Clerk Specialized	B
9264	Financial Services Officer	B
9265	Payroll Accounting Clerk Specialized	B
9266	Full Charge Bookkeeper Specialized	B
9267	Financial Assistant Specialized	B
9268	Financial Customer Service Specialized	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**

Health Science Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9300	**HEALTH SCIENCE**	
9301	Advanced Acute Care Nursing Assistant	B
9302	Advanced Respiratory Therapist	A
9303	Advanced Unlicensed Assistant	B
9304	Basic Medical Assistant	B
9306	Central Sterile Processing Technician	B
9307	Certified Massage Therapist	B
9308	C.N.A./AUA	B
9309	Chiropractic Assistant	B
9311	Dental Assistant	B
9312	Dental Hygienist	A
9314	Diagnostic Medical Sonographer	A
9315	Direct Care Aide	B
9316	Electrocardiograph Technician	B
9317	Emergency Medical Technician	B
9318	Emergency Medical Technician-Paramedic	A
9319	Feeding Assistant	B
9320	Fitness Specialist	B
9321	Health Careers Certification	B
9322	Home Health Care Nursing Aide	B
9323	Licensed Practical Nurse	A
9324	Long Term Care Aide	B
9325	Magnetic Resonance Imaging Technician	A
9326	Medical Assistant	A
9328	Medication Administration Technician	B
9329	Mental Health Aide	B
9330	Multi-Skilled Assistant	B
9331	Nursing Assistant	B
9332	Occupational Therapy Aide	B
9333	Orthotics Technician	A
9334	Pharmacy Technology	B
9335	Phlebotomist	B
9336	Physical Therapy Assistant	A
9337	Prosthetic Technician	A
9338	Radiologic Technology	A
9339	Restorative Aide	B
9340	Student Athletic Training Aide	B
9341	Surgical First Assistant	A
9343	Surgical Technologist (Accredited Program)	A
9344	Therapy Technician	B
9345	Veterinary Assistant	B
9346	Vision Care	B
9350	Medical Office Specialist	B
9351	Multi-Skilled Technician	B
9352	Occupational Therapy Aide - Advanced	B

Health Science Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9300	**HEALTH SCIENCE**	
9353	Physical Therapy Aide - Advanced	B
9358	Radiologic Technology Aide - Advanced	B
9359	Vision Care - Advanced	B
9360	Therapy Technician - Advanced	B
9361	Professional Dental Assistant	B
9362	Clinical Lab Assistant	B
9363	Clinical Lab Assistant - Advanced	B
9364	Diagnostic Aide	B
9365	Diagnostic Aide - Advanced	B
9366	Advanced Unlicensed Assistant - Specialized	B
9367	Instrument Room Technician	B
9368	Biological Research Technician	B
9369	Biological Research Technician - Advanced	B
9370	Certified Medication Aide	B
9371	Certified Nurse Aide II	B
9372	Dietary Technician	B
9373	Emergency Medical Responder	B
9374	Long Term Care Aide - Advanced	B
9375	Pre-Medical / Medical Research Analyst	B
9376	Pre-Medical / Medical Research Analyst - Advanced	B
9377	Pre-Veterinary/Veterinary Research Analyst	B
9378	Pre-veterinary/Veterinary Research Analyst - Advanced	B
9381	Occupational Therapy Assistant	A
9382	Physical Therapy Aide	B
9383	Radiologic Technology Aide	B
9384	Professional Dental Assistant - Advanced	B
9385	Student Athlete Training Aide - Advanced	B
9386	Certified Massage Therapist - Advanced	B
9387	Advanced Acute Care Nursing Assistant - Advanced	B
9388	Medical Assistant - Advanced	A
9389	Pedorthics	B
9390	Clinical Medical Assistant	B
9391	Clinical Medical Assistant - Advanced	B
9392	Medical Office Specialist - Advanced	B
9393	Multiskilled Assistant - Advanced	B
9394	Project Search	B
9395	Project Search - Advanced	B
9396	Health Unit Clerk	B
9397	Emergency Medical Technician - Advanced	A
9397	Emergency Medical Technician - Advanced	A
9398	Orthotics/Prosthetics	A
9399	Pedorthic Practice Management	A

Health Science Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9300   HEALTH SCIENCE

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**

Hospitality and Tourism Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9425   **HOSPITALITY AND TOURISM**

9426	Culinary Arts	B
9427	Culinary Arts - Specialized	B
9428	Destination Meetings and Event Management	B
9429	Recreation Amusements and Attractions	B
9430	Lodging Services	B
9431	Lodging Services - Specialized	B
9432	Restaurant Food and Beverage Service	B
9433	Restaurant Food and Beverage Service - Specialized	B
9434	Service Careers-Food Services	B
9435	Service Careers-Housekeeping	B
9436	Tourism Services	B
9437	Service Careers-Hospitality and Restaurant	B
9438	Service Careers-Hospitality and Restaurant - Specialized	B
9439	Hospitality Services	B
9440	Hospitality Services - Specialized	B
9441	Food Services	B
9442	Food Services - Specialized	B
9443	Hospitality and Tourism Workforce Transition	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**

Human Services Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9475	**HUMAN SERVICES**	
9476	Adult Day Care Aide	B
9477	Barber	B
9478	Cosmetology	B
9479	Customer Service	B
9480	Early Care and Education	B
9481	Esthetician	B
9482	Human Services	B
9483	Manicurist/Nail Technology	B
9484	Personal and Home Care Aide	B
9485	Social Services	B
9486	Adult Day Care - Specialized	B
9487	Barber - Specialized	B
9488	Cosmetology - Specialized	B
9489	Early Care and Education - Specialized	B
9490	Esthetician - Specialized	B
9491	Manicurist/Nail Technology - Specialized	B
9492	Pre-Nutrition	B
9493	Pre-Nutrition - Specialized	B
9494	Human Services Workforce Transition	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**

Information Technology Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9525	**INFORMATION TECHNOLOGY**	
9526	Animation Technology	B
9527	Animation Technology-Advanced	B
9528	Audio Production	B
9529	Security/Forensics Technology	B
9530	Cyber Security Professional	B
9531	Database Technology	B
9532	Database Technology-Advanced	B
9533	E-Business Technology	B
9534	E-Commerce Design	B
9537	Desktop Publishing/Graphic Design	B
9538	Desktop Publishing/Graphic Design-Advanced	B
9539	Home Technology Integration	B
9540	Multimedia Technology	B
9541	Multimedia Technology-Advanced	B
9542	Computer/Network Support	B
9543	Computer/Network Support - Advanced	B
9544	Network Systems Security	B
9545	Network Security Specialist	B
9546	Network Security Professional	B
9547	Network Systems	B
9548	Network Systems-Advanced	B
9550	Programming	B
9551	Programming-Advanced	B
9552	Game Programming	B
9553	Video Game Design	B
9554	Video Production	B
9555	Video Production-Advanced	B
9556	Flash Development	B
9557	Web Technology	B
9558	Web Technology-Advanced	B
9559	ArcGIS Desktop Support	B
9560	ArcGIS Desktop Support - Advanced	B
9561	Media Producer	B
9562	Media Producer - Advanced	B
9563	Android Program Development	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**

Law, Public Safety, Corrections & Security Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9625	**LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY**	
9626	Basic EMT Firefighter	B
9627	Corrections Officer	B
9628	Court-related Investigation	B
9629	Criminal Justice Officer	B
9630	Firefighter	B
9631	Probation/Parole	B
9632	Security Guard	B
9633	Service Careers - Unarmed Security Guard	B
9634	Criminal Forensics	B
9635	Corrections Office - Specialized	B
9636	Advanced Firefighter	B
9637	Advanced EMT Firefighter	B
9638	Criminal Justice Officer -Specialized	B
9639	Probation/Parole - Specialized	B
9640	Security Guard - Specialized	B
9641	Detention Officer	B
9642	Detention Officer - Specialized	B
9643	Law Enforcement Officer Prep	B
9644	Law Enforcement Officer Prep - Specialized	B
9645	Firefighter - Specialized	B
9646	Criminal Forensics - Specialized	B
9647	Criminal Justice	B
9648	Criminal Justice - Specialized	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**

Manufacturing Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9675	**MANUFACTURING**	
9676	Academy of Manufacturing Science	B
9677	Automated Manufacturing Technology	B
9678	Automated Systems Technology	B
9679	CNC Machining	B
9680	CNC Machining - Specialized	B
9681	Computer-Aided Drafting	B
9682	Computer-Aided Drafting - Specialized	B
9683	Electrical Maintenance Technology	B
9684	Electrical/Electronics Technology	B
9685	Electrical/Electronics Technology - Specialized	B
9686	Electronics Assembler	B
9687	Engine Lathe Operator	B
9688	Engine Lathe Operator - Specialized	B
9689	Flight Simulator Technology	B
9690	Flight Simulator Technology - Specialized	B
9691	Fluid Power/Mechanical Power Transmission Technology	B
9692	Industrial Facilities Management	B
9693	Industrial Maintenance Technology	B
9694	Instrumentation Technology	B
9695	Instrumentation Technology - Specialized	B
9696	Lab Technology	B
9697	Manual Machinist	B
9698	Manual Machinist - Specialized	B
9699	Manufacturing Technology	B
9700	Mechanical Maintenance	B
9701	Mechanical Maintenance - Specialized	B
9702	Metal Fabrication	B
9703	Milling Machine Operation	B
9704	Milling Machine Operation - Specialized	B
9705	Service Careers - Metal Fabricator Assistant	B
9706	Supervisory Control and Data Acquistion (SCADA)	B
9707	Welding	B
9708	Welding - Specialized	B
9709	Wind Energy Technology	B
9710	Automation Maintenance Technology	B
9711	Automation Maintenance Technology - Specialized	B
9712	Fluid Power/Mechanical Power Transmission Technology - Specialized	B
9713	Manufacturing Technology - Specialized	B
9714	Metal Fabrication - Specialized	B
9715	Robotic Welding Operations	B
9716	Supervisory Control and Data Acquistion (SCADA) - Specialized	B
9717	Assembler Technology	B
9718	Automated Systems Technology - Specialized	B
9719	Energy Technology	B

Manufacturing Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9675	**MANUFACTURING**	
9720	Energy Technology - Specialized	B
9721	Engineering/Process Technology	B
9722	Engineering/Process Technology - Specialized	B
9723	Mechatronics Systems Technology	B
9724	Mechatronics Systems Technology - Specialized	B
9725	Robotic Systems Technology	B
9726	Robotic Systems Technology - Specialized	B
9727	Wind Energy Technology - Specialized	B
9728	Industrial Facilities Management - Specialized	B
9729	Industrial maintenance Technology - Specialized	B
9730	Automated Manufacturing Technology - Specialized	B
9731	Electrical Maintenance Technology - Specialized	B
9732	Robotic Welding Operations - Specialized	B
9733	Manufacturing Workforce Transition	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**

Marketing Sales and Service Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9775	**MARKETING SALES AND SERVICE**	
9777	Customer Service Representative	B
9778	E-Marketing Specialist	B
9782	International Business Entrepreneur	B
9783	Marketing Assistant	B
9784	Marketing Communications Associate	B
9787	Professional Sales Representative	B
9789	Public Relations Manager	B
9790	Retail Management	B
9791	Sales Assistant	B
9792	Small Business Entrepreneur	B
9795	Introduction to Entrepreneurship	B
9796	Market Research Specialist	B
9797	Business Management Entrepreneurship	B
9801	International Business Entrepreneur - Advanced	B
9802	Introduction to Entrepreneurship - Advanced	B
9804	Professional Sales Representative - Advanced	B
9805	Sales Assistant - Advanced	B
9808	Marketing Assistant - Advanced	B
9809	Public Relations Manager - Advanced	B
9811	E-Marketing Specialist - Advanced	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**

STEM Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9850	**Science, Technology, Engineering and Mathematics**	
9852	PLTW Biomedical Science and Medicine	B
9857	Electronics Technician - Year 1	B
9860	Laboratory Science Assistant	B
9862	PLTW Pre-Engineering	B
9863	Environmental and Spatial Technology (EAST) - Year 1	B
9864	Environmental and Spatial Technology (EAST) - Year 2	B
9865	Electronics Technician - Year 2	B
9866	Laboratory Science Technician - Year 1	B
9867	Laboratory Science Technician - Year 2	B
9868	Specialized Laboratory Science Technician - Year 1	B
9869	Specialized Laboratory Science Technician - Year 2	B
9870	Advanced PLTW Biomedical Science and Medicine	B
9871	Advanced PLTW Pre-Engineering	B
9872	Biotechnology - Year 1	B
9873	Biotechnology - Year 2	B
9874	PLTW Computer Science	B
9875	Advanced PLTW Computer Science	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**

Transportation, Distribution and Logistics Cluster Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9900	TRANSPORTATION, DISTRIBUTION AND LOGISTICS	
9901	Aerospace Technician	B
9902	Aircraft Electronics Technician	B
9903	Airframe Mechanic	B
9904	Automotive Collision Repair and Refinishing	B
9905	Automotive Collision Repair and Refinishing-Specialized	B
9906	Automotive Service Technology	B
9907	Automotive Service Technology-Specialized	B
9908	Aviation Technology	B
9909	Aviation Technology-Specialized	B
9910	Heavy Equipment Service and Repair	B
9911	Marine Repair Technology	B
9912	Medium/Heavy Diesel Service	B
9913	Medium/Heavy Diesel Service-Specialized	B
9914	Motorcycle Technology	B
9915	Power Plant Mechanics	B
9916	Power Products Technology	B
9917	Private Pilot (Ground School)	B
9918	Service Careers-Auto Care and Detailing	B
9919	Service Careers-Small Engines	B
9920	Truck Driver Training	A
9921	Watercraft Technology	B
9922	Aerospace Technician - Specialized	B
9923	Aircraft Electronics Technician - Specialized	B
9924	Airframe Mechanic - Specialized	B
9925	Heavy Equipment Service and Repair - Specialized	B
9926	Marine Repair Technology - Specialized	B
9927	Motorcycle Technology - Specialized	B
9928	Power Plant Mechanics - Specialized	B
9929	Power Products Technology - Specialized	B
9930	Watercraft Technology - Specialized	B
9931	Aircraft Composite Technology	B
9932	Aircraft Sheet Metal Technoloogy	B
9933	Warehouse and Logistics	B
9934	Warehouse and Logistics - Specialized	B
9935	Pipeline Technology	B
9936	Pipeline Technology - Specialized	B
9937	Cathodic Protection Technology	B
9938	Cathodic Protection Technology - Specialized	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**

Business and Entrepreneur Services Career Majors
FY16 OCAS Subject Codes - CAREER MAJORS

9995	**BUSINESS AND ENTREPRENEUR SERVICES**	
9996	Business Development	A
9997	Agricultural Business Management	A
9998	Bid Assistance Center (BAC)	A
	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**