

## Career Majors with KOSSA or Other Acceptable Industry Certifications

Revised 12-03-2009

Cluster	Program (Career Major)	Skill Standards & Assessments (KOSSA)	Acceptable Industry Certifications
AGRICULTURE	ANIMAL SCIENCE SYSTEMS [01.0901]	Production Livestock	
	AGRIBUSINESS [01.0101]	Agribusiness	
	AGRIBIOTECHNOLOGY [26.1200]	Production Livestock; Production Crop; Horticulture	
	HORTICULTURE AND PLANT SCIENCE SYSTEMS [01.1101]	Horticulture; Production Crop	
BUSINESS	ACCOUNTING [52.0301] <span style="color: red;">ACCOUNTING AND FINANCE TECH [52.0399] - OCTE</span>	Accounting	
	ADMINISTRATIVE SUPPORT [52.0401]	Administrative Support	Microsoft Office Certification (MOS) Word, Excel, PowerPoint, Access (3 of 4)
			IC3 - Certiport - 3 Exams (Computer Fundamentals, Applications, Living Online)
	BUSINESS MANAGEMENT [52.0201]	Business Management	
	INFORMATION PROCESSING [52.0407]	Administrative Support	Microsoft Office Certification (MOS) Word, Excel, PowerPoint, Access (3 of 4)
			IC3 - Certiport - 3 Exams (Computer Fundamentals, Applications, Living Online)
	OFFICE TECHNOLOGY [52.0401] <i>(Program only offered at Area Technology Centers)</i>	Administrative Support	Microsoft Office Certification (MOS) Word, Excel, PowerPoint, Access (3 of 4)
			IC3 - Certiport - 3 Exams (Computer Fundamentals, Applications, Living Online)
FINANCE [52.0803]	Financial Services		

*The High School Graduate College/Career Readiness Percentage includes only certifications listed in the "Acceptable Industry Certificates" column. KOSSA and Acceptable Industry Certificates are both used for Federal Perkins Accountability.*

Cluster	Program (Career Major)	Skill Standards & Assessments (KOSSA)	Acceptable Industry Certifications
COMMUNICATIONS	ELECTRONICS TECHNOLOGY [47.0105]	Communications	
	COMPUTER AIDED DRAFTING [48.0101] <b>COMPUTER AIDED DRAFTING [15.1301] - OCTE</b>	Communications	Auto Desk - Program Auto CAD - ANSI Cert
	<b>COMPUTER INFORMATION SYSTEMS TECHNOLOGY [52.1200] - OCTE</b>	Communications	A+, CCNA, Network +
	DESKTOP PUBLISHING TECHNOLOGY [48.0212]	Communications	
	MULTIMEDIA TECHNOLOGY [10.0101]	Communications	Adobe Certified Expert
	PRINTING TECHNOLOGY [48.0201]	Communications	PrintEd
	TELEMEDIA TECHNOLOGY [10.0202]	Communications	
	RADIO/TELEVISION PRODUCTION [9.0701]	Communications	
	VISUAL COMMUNICATION ART [50.0402]	Communications	Adobe Certified Expert
CONSTRUCTION	AIR CONDITIONING TECHNOLOGY [47.0201]	Construction	NCCER
	BUILDING AND APARTMENT MAINTENANCE [46.0401]	Construction	NCCER
	CONSTRUCTION MANAGEMENT [52.2001]	Construction	NCCER
	CONSTRUCTION TECHNOLOGY [15.1001]	Construction	NCCER
	HEAVY EQUIPMENT SCIENCES [49.0202]	Construction	NCCER
	CARPENTRY [46.0201]	Construction	NCCER
	ELECTRICITY [46.0302]	Construction	NCCER
	MASONRY [46.0101]	Construction	NCCER
	METAL FABRICATION [48.0506]	Construction	NCCER
	PLUMBING TECHNOLOGY [46.0503]	Construction	NCCER
	WELDING (CONSTRUCTION) [48.0509]	Construction; Manufacturing	AWS
	WOOD PRODUCTS MANUFACTURING [48.0703]	Construction; Manufacturing	Cabinet Vision Software Microvellum
HEALTH SCIENCE	ALLIED HEALTH [51.0000]	Allied Health	
	<b>PRE-NURSING [51.2699]</b>		<b>MNA</b>
	HEALTH SCIENCE [51.1614]	Allied Health	MNA
	NURSING I [51.1699]	Allied Health	
	EMERGENCY & FIRE MANAGEMENT SERVICES [43.0203]		First Responder State Test EMT - Basic National Certification

## Career Majors with KOSSA or Other Acceptable Industry Certifications

Revised 12-03-2009

Cluster	Program (Career Major)	Skill Standards & Assessments (KOSSA)	Acceptable Industry Certifications
HUMAN SERVICES	EARLY CHILDHOOD EDUCATION [13.1210]	Child Development	Commonwealth Child Care Credential
	HOSPITALITY SERVICES [52.0905]	Hospitality Services	
	CONSUMER & FAMILY MANAGEMENT [19.0403]	Consumer and Family Management	
	CULINARY & FOOD SERVICES [12.0500]	Culinary and Food Services	
	FASHION & INTERIOR DESIGN [19.0605]	Fashion and Interior Design	
	COSMETOLOGY [12.0401]		Nail Technician State Test
INFORMATION TECHNOLOGY	INFORMATION SUPPORT AND SERVICES [47.0104]	Communications	IC3 – Certiport – 3 exams
			Computer Fundamentals
			Applications
			Living OnLine
			A+ - CompTia
			Essentials 601
			602 – IT Technician
			603 – Remote Support – help desk
			604 – Depot Tech
			DHTI + - CompTia – Home Technology Integration
			Help Desk Institute Certificate
			Network + - CompTia
			Help Desk Institute Certificate

*The High School Graduate College/Career Readiness Percentage includes only certifications listed in the "Acceptable Industry Certificates" column.  
KOSSA and Acceptable Industry Certificates are both used for Federal Perkins Accountability.*

Cluster	Program (Career Major)	Skill Standards & Assessments (KOSSA)	Acceptable Industry Certifications
INFORMATION TECHNOLOGY	COMPUTER PROGRAMMING [11.0201]	Communications	CIW Foundations
			IC3 – Certiport – 3 exams
			Computer Fundamentals
			Applications
			Living OnLine
			A+ - CompTia
			Essentials 601
			602 – IT Technician
			603 – Remote Support – help desk
			604 – Depot Tech
			Sun Certified Java Associate
			Sun Certified Java Professional
			Adobe Certified Professional Designer
			Network + - CompTia
INFORMATION TECHNOLOGY	GIS [45.0702] (Geographic Information Systems)	Communications	IC3 – Certiport – 3 exams
			Computer Fundamentals
			Applications
			Living OnLine
			A+ - CompTia
			Essentials 601
			602 – IT Technician
			603 – Remote Support – help desk
			604 – Depot Tech
			ESRI Certificate – Environmental Systems Research Institute
			GIS mapping

## Career Majors with KOSSA or Other Acceptable Industry Certifications

Revised 12-03-2009

Cluster	Program (Career Major)	Skill Standards & Assessments (KOSSA)	Acceptable Industry Certifications
INFORMATION TECHNOLOGY	NETWORK ADMINISTRATION [11.0901]	Communications	IC3 – Certiport – 3 exams
			Computer Fundamentals
			Applications
			Living OnLine
			A+ - CompTia
			Essentials 601
			602 – IT Technician
			603 – Remote Support – help desk
			604 – Depot Tech
			Network + - CompTia
			Server + - CompTia
			Security + - CompTia
			DHTI + - CompTia – Home Technology Integration
			Linux + - CompTia
			Novell Certified Linus Professional (Novell)
			Novell Certified Administrator (Novell)
			MCP – Microsoft Client Professional – various exams
			MCSA
			MCSE
			MCTS
	Cisco Exams – through Cisco Courses		
	CCENT (Cisco Certified Entry Network Technician)		
	CCNA		

*The High School Graduate College/Career Readiness Percentage includes only certifications listed in the "Acceptable Industry Certificates" column.  
 KOSSA and Acceptable Industry Certificates are both used for Federal Perkins Accountability.*

Cluster	Program (Career Major)	Skill Standards & Assessments (KOSSA)	Acceptable Industry Certifications
INFORMATION TECHNOLOGY	WEB DEVELOPMENT/ADMINISTRATION [11.0801]	Communications	IC3 – Certiport – 3 exams
			Computer Fundamentals
			Applications
			Living OnLine
			MS MOS – Certiport
			Exams for Office
			Vista workstation exam
			A+ - CompTia
			Essentials 601
			602 – IT Technician
			603 – Remote Support – help desk
			604 – Depot Tech
			Adobe Associate Exams – Certiport (Adobe Certified Assoc)
			Flash
			DreamWeaver
			Photoshop
			Adobe Certified Expert
			CIW Foundations
			CIW Web Associate
	WOW (Webmaster exm)		
	Network + - CompTia		
MANUFACTURING	INDUSTRIAL AUTOMATION TECHNOLOGY [15.0699]	Manufacturing	
	INDUSTRIAL CHEMICAL TECHNOLOGY [41.0301]	Manufacturing	
	ELECTRONICS COMMUNICATIONS TECHNOLOGY [15.0303]	Manufacturing	
	INDUSTRIAL MAINTENANCE TECHNOLOGY [47.0303]	Manufacturing	NCCER
	MACHINE TOOL TECHNOLOGY [48.0501] <b>MACHINE TOOL TECHNOLOGY [48.0503] - OCTE</b>	Manufacturing	NIMS
	MAJOR APPLIANCE TECHNOLOGY [47.0106]	Manufacturing	
	PLASTICS TECHNOLOGY [15.0607]	Manufacturing	
	WELDING (MANUFACTURING) [48.0508]	Manufacturing; Construction	AWS, DOT
	WOOD PRODUCTS MANUFACTURING [48.0708]	Manufacturing; Construction	Cabinet Vision Software Microvellum
	METAL FABRICATION [48.0506]	Manufacturing	NCCER

## Career Majors with KOSSA or Other Acceptable Industry Certifications

Revised 12-03-2009

Cluster	Program (Career Major)	Skill Standards & Assessments (KOSSA)	Acceptable Industry Certifications
MARKETING	ADVERTISING [09.0903]	Marketing and/or Retail Services	MOS in 3 areas: PowerPoint, Word, Excel
	FASHION MARKETING [52.1904]	Marketing and/or Retail Services	
	E-COMMERCE [52.0208]	Marketing and/or Retail Services	
	FINANCIAL SERVICES	Financial Services	
	HOSPITALITY, TRAVEL, TOURISM & RECREATION [52.1905]	Marketing and or Retail Services	
	MANAGEMENT/ENTREPRENEURSHIP [52.0701]	Business Management	
	MARKETING [52.1401]	Marketing	
	RETAILING/WHOLESALE [52.1803]	Marketing and/or Retail Services	
	SPORTS MARKETING [31.0504]	Marketing and/or Retail Services	
SCIENCE & MATHEMATICS (Engineering and Technology)	ENGINEERING [15.0000]	Technology Education/Pre-Engineering	
	TECHNOLOGY [21.0101]	Technology Education/Pre-Engineering	
TRANSPORTATION	AUTOMOTIVE TECHNOLOGY [47.0604]	Transportation	NATEF End of Program; ASE
	AVIATION TECHNOLOGY [47.0608]	Transportation	FAA Private Pilot Written Test or FAA General Aviation Technician Written Test
	COLLISION REPAIR & REFINISH TECHNOLOGY [47.0603]	Transportation	NATEF (Painting and Refinishing)
	COM/RES SMALL ENGINE TECHNOLOGY [47.0606]	Transportation	
	DIESEL TECHNOLOGY [47.0605]	Transportation	NATEF End of Program; ASE

*The High School Graduate College/Career Readiness Percentage includes only certifications listed in the "Acceptable Industry Certificates" column. KOSSA and Acceptable Industry Certificates are both used for Federal Perkins Accountability.*