

Clusters-Programs of Study 2009-2010

Clus#	Cluster	Program of Study	Description	Course#	Course	Sequence		
01	Agriculture, Food & Natural Resources	Animal Systems - Pre Veterinary (1)	10, HQ, 0910	5121	Agriscience	1		
				5122	Small Animal Care	2		
				5118	Horse Science	3		
				5126	Veterinary Science	4		
		Animal Systems - Pre Veterinary (3)	10, 0910			5104	Principles of Agricultural Sciences	1
						5122	Small Animal Care	2
						5118	Horse Science	3
						5126	Veterinary Science	4
		Animal Systems - Pre Veterinary (2)	12, HQ, 0910			5171	Agriscience	1
						5172	Small Animal Care	2
						5168	Horse Science	3
						5176	Veterinary Science	4
		Animal Systems - Pre Veterinary (4)	12, 0910			5154	Principles of Agricultural Sciences	1
						5172	Small Animal Care	2
						5168	Horse Science	3
						5176	Veterinary Science	4
		Animal Systems - Production Animals (4)	10, HQ, 0910			5121	Agriscience	1
						5105	Advanced Principles of Agriculture	2
						5127	Livestock Management	3
						5136	Animal Biotechnology	4
		Animal Systems - Production Animals (3)	10, 0910			5104	Principles of Agricultural Sciences	1
						5105	Advanced Principles of Agriculture	2
						5127	Livestock Management	3
						5136	Animal Biotechnology	4
		Animal Systems - Production Animals (6)	12, HQ, 0910			5171	Agriscience	1
						5155	Advanced Principles of Agriculture	2
						5177	Livestock Management	3
						5186	Animal Biotechnology	4
		Animal Systems - Production Animals (5)	12, 0910			5154	Principles of Agricultural Sciences	1
						5155	Advanced Principles of Agriculture	2
						5177	Livestock Management	3
						5186	Animal Biotechnology	4
		Power, Structures and Technical Systems (1)	10, HQ, 0910			5121	Agriscience	1
						5101	Agricultural Mechanics & Maintenance	2
						5102	Agricultural Power and Equipment	3
						5128	Agricultural Engineering	4
		Power, Structures and Technical Systems (3)	10, 0910			5104	Principles of Agricultural Sciences	1
						5101	Agricultural Mechanics & Maintenance	2
						5102	Agricultural Power and Equipment	3
						5128	Agricultural Engineering	4
		Power, Structures and Technical Systems (2)	12, HQ, 0910			5171	Agriscience	1
						5151	Agricultural Mechanics & Maintenance	2
						5152	Agricultural Power and Equipment	3
						5178	Agricultural Engineering	4
Power, Structures and Technical Systems (4)	12, 0910			5154	Principles of Agricultural Sciences	1		
				5151	Agricultural Mechanics & Maintenance	2		
				5152	Agricultural Power and Equipment	3		
				5178	Agricultural Engineering	4		
Agribusiness, Food Products and Process Systems (1)	10, HQ, 0910			5121	Agriscience	1		
				5119	Leadership Communications	2		
				5103	Agricultural Sales and Marketing	3		
				5100	Agricultural Business/Finance	4		

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Clus#	Cluster	Program of Study	Description	Course#	Course	Sequence
01	Agriculture, Food & Natural Resources	Agribusiness, Food Products and Process Systems (3)	10, 0910	5104	Principles of Agricultural Sciences	1
				5119	Leadership Communications	2
				5103	Agricultural Sales and Marketing	3
				5100	Agricultural Business/Finance	4
		Agribusiness, Food Products and Process Systems (2)	12, HQ, 0910	5171	Agriscience	1
				5169	Leadership Communications	2
				5153	Agricultural Sales and Marketing	3
				5150	Agricultural Business/Finance	4
		Agribusiness, Food Products and Process Systems (4)	12, 0910	5154	Principles of Agricultural Sciences	1
				5169	Leadership Communications	2
				5153	Agricultural Sales and Marketing	3
				5150	Agricultural Business/Finance	4
		Environmental and Natural Resources Systems (4)	10, HQ, 0910	5121	Agriscience	1
				5115	Forestry Management	2
				5124	Wildlife Management & Recreation	3
				5111	Plant and Soil Science	4
		Environmental and Natural Resources Systems (3)	10, 0910	5104	Principles of Agricultural Sciences	1
				5115	Forestry Management	2
				5124	Wildlife Management & Recreation	3
				5111	Plant and Soil Science	4
		Environmental and Natural Resources Systems (6)	12, HQ, 0910	5171	Agriscience	1
				5165	Forestry Management	2
				5174	Wildlife Management & Recreation	3
				5161	Plant and Soil Science	4
		Environmental and Natural Resources Systems (5)	12, 0910	5154	Principles of Agricultural Sciences	1
				5165	Forestry Management	2
				5174	Wildlife Management & Recreation	3
				5161	Plant and Soil Science	4
		Agricultural Education Systems (2)	10, HQ, 0910	5121	Agriscience	1
				5105	Advanced Principles of Agriculture	2
				5119	Leadership Communications	3
				5111	Plant and Soil Science	4
		Agricultural Education Systems (1)	10, 0910	5104	Principles of Agricultural Sciences	1
				5105	Advanced Principles of Agriculture	2
				5119	Leadership Communications	3
				5111	Plant and Soil Science	4
		Agricultural Education Systems (4)	12, HQ, 0910	5171	Agriscience	1
				5155	Advanced Principles of Agriculture	2
				5169	Leadership Communications	3
				5161	Plant and Soil Science	4
		Agricultural Education Systems (3)	12, 0910	5154	Principles of Agricultural Sciences	1
				5155	Advanced Principles of Agriculture	2
				5169	Leadership Communications	3
				5161	Plant and Soil Science	4
		Plant Systems - Landscaping & Turf Science (2)	10, HQ, 0910	5121	Agriscience	1
				5113	Landscaping & Turf Management	2
				5117	Greenhouse Management	3
				5125	Plant Biotechnology	4
		Plant Systems - Landscaping & Turf Science (1)	10, 0910	5134	Principles of Horticultural Sciences	1
				5113	Landscaping & Turf Management	2
				5117	Greenhouse Management	3
				5125	Plant Biotechnology	4

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01	Agriculture, Food & Natural Resources	Plant Systems - Landscaping & Turf Science (4)	12, HQ, 0910	5171	Agriscience	1
				5163	Landscaping & Turf Management	2
				5167	Greenhouse Management	3
				5175	Plant Biotechnology	4
		Plant Systems - Landscaping & Turf Science (3)	12, 0910	5184	Principles of Horticultural Sciences	1
				5163	Landscaping & Turf Management	2
				5167	Greenhouse Management	3
				5175	Plant Biotechnology	4
		Plant Systems - Horticulture Production (4)	10, HQ, 0910	5121	Agriscience	1
				5109	Aquaculture/Hydroponics	2
				5117	Greenhouse Management	3
				5125	Plant Biotechnology	4
		Plant Systems - Horticulture Production (3)	10, 0910	5134	Principles of Horticultural Sciences	1
				5109	Aquaculture/Hydroponics	2
				5117	Greenhouse Management	3
				5125	Plant Biotechnology	4
		Plant Systems - Horticulture Production (6)	12, HQ, 0910	5171	Agriscience	1
				5179	Aquaculture/Hydroponics	2
				5167	Greenhouse Management	3
				5175	Plant Biotechnology	4
Plant Systems - Horticulture Production (5)	12, 0910	5184	Principles of Horticultural Sciences	1		
		5159	Aquaculture/Hydroponics	2		
		5167	Greenhouse Management	3		
		5175	Plant Biotechnology	4		
02	Architecture and Construction	Design & Preconstruction (2)	TI, 0809	5701	Career Management Success	1
				5788	Computer- Aided Drafting	2
				5789	Advanced Computer-Aided Drafting	3
		Design & Preconstruction (1)	TEE, 0809	5701	Career Management Success	1
				3823	Computer- Aided Drafting	2
				3824	Advanced Computer-Aided Drafting	3
		Construction Electrical (1)	0809	5701	Career Management Success	1
				5730	Construction Core	2
				5733	Electrical I	3
				5734	Electrical II	4
		Construction Masonry & Concrete (1)	0809	5701	Career Management Success	1
				5730	Construction Core	2
				5735	Masonry I	3
				5736	Masonry II	4
				5737	Concrete I	5
				5738	Concrete II	6
		Construction Plumbing (1)	0809	5701	Career Management Success	1
				5730	Construction Core	2
				5739	Plumbing I	3
				5740	Plumbing II	4
		Construction HVAC/R (1)	0809	5701	Career Management Success	1
				5730	Construction Core	2
				5741	HVAC/R I	3
				5742	HVAC/R II	4
		Construction Welding (1)	0809	5701	Career Management Success	1
				5730	Construction Core	2
				5786	Basic Principles Welding	3
				5787	Advanced Welding Applications	4

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Clus#	Cluster	Program of Study	Description	Course#	Course	Sequence
02	Architecture and Construction	Construction Carpentry (1)	0809	5701	Career Management Success	1
				5730	Construction Core	2
				5731	Carpentry I	3
				5732	Carpentry II	4
		Interior Design (3)	0910	5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
				5626	Interior Design	3
				5614	Housing	4
				5623	Life Connections	5
		Landscape Design (4)	10, HQ, 0910	5121	Agriscience	1
				5113	Landscaping & Turf Management	2
				5788	Computer- Aided Drafting	3
				5117	Greenhouse Management	4
		Landscape Design (3)	10, 0910	5134	Principles of Horticultural Sciences	1
				5113	Landscaping & Turf Management	2
				5788	Computer- Aided Drafting	3
				5117	Greenhouse Management	4
		Landscape Design (6)	12, HQ, 0910	5171	Agriscience	1
				5163	Landscaping & Turf Management	2
				5788	Computer- Aided Drafting	3
5167	Greenhouse Management			4		
Landscape Design (5)	12, 0910			5184	Principles of Horticultural Sciences	1
		5163	Landscaping & Turf Management	2		
		5788	Computer- Aided Drafting	3		
		5167	Greenhouse Management	4		
		03	Arts, A/V Technology & Communication	Graphic Communications (1)	0809	5701
5759	Visual Communications					2
5760	Graphic Communications I					3
5761	Graphic Communications II					4
Design Communications (1)	0809			5701	Career Management Success	1
				5759	Visual Communications	2
				5762	Digital Design and Imaging	3
Audio Technology (1)	0809			5701	Career Management Success	1
				5770	Audio Technology I	2
				5771	Audio Technology II	3
Fashion Design (3)	0910			5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
		5621	Fashion Merchandising and Design	3		
		5619	Textiles and Apparel	4		
		5623	Life Connections	5		
Journalism & Broadcasting (1)	0809	5701	Career Management Success	1		
		5763	Media Concepts	2		
		5764	Electronic Media Production	3		
		5765	Electronic Media Management and Operations	4		
04	Business Management, and Administration	Human Resources (1)	0809	3710	Keyboarding	1
				3704	eBusiness Communications	2
				3746	Interactive Multimedia Presentation	3
				3730	Integrated Input Technologies	4

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04	Business Management, and Administration	Business Management (3)	0910	3766	Personal Finance	1
				3717	Financial Planning	2
				3779	Accounting I	3
				3707	Business Management	4
				3757	Virtual Enterprise International	5
		Business Management (4)	HQ, 0910	3766	Personal Finance	1
				3717	Financial Planning	2
				3779	Accounting I	3
				3707	Business Management	4
				3762	Virtual Enterprise International	5
		Business Financial Management and Accounting (1)	0809	3779	Accounting I	1
				3780	Accounting II	2
				3707	Business Management	3
		Business Analysis (4)	HQ, 0910	3766	Personal Finance	1
				3717	Financial Planning	2
				3779	Accounting I	3
				3755	Business Economics	4
				3756	Banking and Finance	5
		Business Analysis (3)	0910	3766	Personal Finance	1
				3717	Financial Planning	2
				3779	Accounting I	3
				3765	Business Economics	4
				3756	Banking and Finance	5
		Administrative and Information Support (1)	0809	3710	Keyboarding	1
				3775	Keyboarding/Document Formatting	2
3727	Keyboarding/Document Layout and Design			3		
3735	Database Design/Management			4		
3704	eBusiness Communications			5		
3737	Administrative Management			6		
Communications Development (1)	0809	3727	Keyboarding/Document Layout and Design	1		
		3704	eBusiness Communications	2		
		3737	Administrative Management Systems	3		
		3746	Interactive Multimedia Presentation	4		
05	Education and Training	Teaching Training Services (2)	0910	5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
				5625	Child and Lifespan Development	3
				5623	Life Connections	4
				5622	Teaching as a Profession	5
		Teaching Training Services - Pre K-Early Childhood Education (2)	0910	5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
				5650	Early Childhood Education Careers I	3
				5660	Early Childhood Education Careers II	4
				5661	Early Childhood Education Careers III	5
		Teaching Training Services - Pre K-Early Childhood Education (3)	0910	5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
				5650	Early Childhood Education Careers I	3
				5660	Early Childhood Education Careers II	4
				5662	Early Childhood Education Careers II/III	5
06	Finance	Banking and Finance (2)	0910	3779	Accounting I	1
				3766	Personal Finance	2
				3717	Financial Planning	3
				3756	Banking and Finance	4

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06	Finance	Financial Planning (4)	HQ, 0910	3766	Personal Finance	1		
				3717	Financial Planning	2		
				3755	Business Economics	3		
				3719	American Business/Legal Systems	4		
				3756	Banking and Finance	5		
		Financial Planning (3)	0910	3766	Personal Finance	1		
				3717	Financial Planning	2		
				3765	Business Economics	3		
				3726	American Business/Legal Systems	4		
				3756	Banking and Finance	5		
07	Government & Public Administration	Public/Nonprofit Management and Administration (2)	0910	3766	Personal Finance	1		
				3717	Financial Planning	2		
				3704	eBusiness Communications	3		
				3737	Administrative Management	4		
				3707	Business Management	5		
		National Security (1)	0809	5701	Career Management Success	1		
				5330	Criminal Justice I	2		
				5331	Criminal Justice II	3		
				5342	Criminal Justice III	4		
		National Security (2)	0910	5701	Career Management Success	1		
				5330	Criminal Justice I	2		
				5331	Criminal Justice II	3		
				5343	Criminal Justice II/III	4		
		08	Health Science	Biotechnology Research and Development (1)	0809	5504	Health Science Education	1
						5511	Diagnostic Medicine	2
5512	Anatomy and Physiology					3		
5514	Forensic Science					4		
Biotechnology Research and Development (2)	HQ, 0809			5504	Health Science Education	1		
				5511	Diagnostic Medicine	2		
				5509	Anatomy and Physiology	3		
				5514	Forensic Science	4		
Diagnostic Services (1)	0809			5504	Health Science Education	1		
				5503	Rehabilitative Therapies	2		
				5511	Diagnostic Medicine	3		
				5501	Clinical Internship	4		
Health Informatics (1)	0809			5504	Health Science Education	1		
				5511	Diagnostic Medicine	2		
				5505	Health Informatics	3		
				5501	Clinical Internship	4		
Support Services (1)	0809			5504	Health Science Education	1		
				5506	Medical Therapeutics	2		
				5500	Support Services	3		
				5501	Clinical Internship	4		
Therapeutic Services (2)	0910			5504	Health Science Education	1		
				5506	Medical Therapeutics	2		
				5512	Anatomy and Physiology	3		
				5507	Nursing Education	4		
				5504	Health Science Education	1		
Therapeutic Services (3)	0910			5504	Health Science Education	1		
				5506	Medical Therapeutics	2		
		5509	Anatomy and Physiology	3				
		5507	Nursing Education	4				

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08	Health Science	Therapeutic Emergency Services (1)	0910	5504	Health Science Education	1				
				5506	Medical Therapeutics	2				
				5512	Anatomy and Physiology	3				
				5510	Emergency Medical Services	4				
		Therapeutic Emergency Services (2)	HQ, 0910	5504	Health Science Education	1				
				5506	Medical Therapeutics	2				
				5509	Anatomy and Physiology	3				
				5510	Emergency Medical Services	4				
				09	Hospitality and Tourism	Food and Beverage Services (2)	TI, 0809	5701	Career Management Success	1
								5381	Culinary Arts I	2
5382	Culinary Arts II	3								
5383	Culinary Arts III	4								
Food and Beverage Services (5)	TI, 0910	5701	Career Management Success			1				
		5381	Culinary Arts I			2				
		5382	Culinary Arts II			3				
		5384	Culinary Arts II/III			4				
Food and Beverage Services (3)	FC, 0910	5603	Family and Consumer Sciences			1				
		5624	Personal, Academic and Career Excellence			2				
		5656	Culinary Arts I	3						
		5657	Culinary Arts II	4						
		5658	Culinary Arts III	5						
Food and Beverage Services (4)	FC, 0910	5603	Family and Consumer Sciences	1						
		5624	Personal, Academic and Career Excellence	2						
		5656	Culinary Arts I	3						
		5657	Culinary Arts II	4						
		5659	Culinary Arts II/III	5						
Hospitality Management and Lodging Services (2)	HQ, 0809	5000	Marketing and Management I Principles	1						
		5003	Travel and Tourism Operations	2						
		5026	Lodging Operations/Hospitality Management	3						
Hospitality Management and Lodging Services (1)	0809	5030	Marketing and Management I Principles	1						
		5003	Travel and Tourism Operations	2						
		5026	Lodging Operations/Hospitality Management	3						
Recreation, Attractions, Sports and Entertainment (2)	HQ, 0809	5000	Marketing and Management I Principles	1						
		5003	Travel and Tourism Operations	2						
		5023	Sports and Entertainment Marketing	3						
Recreation, Attractions, Sports and Entertainment (1)	0809	5030	Marketing and Management I Principles	1						
		5003	Travel and Tourism Operations	2						
		5023	Sports and Entertainment Marketing	3						
Travel and Tourism (2)	HQ, 0809	5025	Foundations of the Hospitality Industry	1						
		5000	Marketing and Management I Principles	2						
		5003	Travel and Tourism Operations	3						
		5004	Services Marketing	4						
Travel and Tourism (1)	0809	5025	Foundations of the Hospitality Industry	1						
		5030	Marketing and Management I Principles	2						
		5003	Travel and Tourism Operations	3						
		5034	Services Marketing	4						
10	Human Services	Family and Community Services (2)	0910	5603	Family and Consumer Sciences	1				
				5624	Personal, Academic and Career Excellence	2				
				5625	Child and Lifespan Development	3				
				5609	Nutrition and Foods	4				
				5623	Life Connections	5				

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10	Human Services	Early Childhood Development and Services (3)	0910	5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
				5650	Early Childhood Education Careers I	3
				5660	Early Childhood Education Careers II	4
				5661	Early Childhood Education Careers III	5
		Early Childhood Development and Services (4)	0910	5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
				5650	Early Childhood Education Careers I	3
				5660	Early Childhood Education Careers II	4
				5662	Early Childhood Education Careers II/III	5
		Counseling and Mental Health Services (2)	0910	5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
				5625	Child and Lifespan Development	3
				5606	Family and Parenting	4
				5623	Life Connections	5
		Consumer Services (4)	HQ, 0910	5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
				5613	Personal Finance	3
				5602	Consumer Economics	4
				5623	Life Connections	5
		Consumer Services (3)	0910	5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
				5613	Personal Finance	3
				5605	Consumer Economics	4
				5623	Life Connections	5
		Nutritional Counseling (2)	HQ, 0910	5603	Family and Consumer Sciences	1
				5624	Personal, Academic and Career Excellence	2
				5609	Nutrition and Foods	3
				5616	Nutrition Science	4
				5625	Child and Lifespan Development	5
Nutritional Counseling (1)	0910	5603	Family and Consumer Sciences	1		
		5624	Personal, Academic and Career Excellence	2		
		5609	Nutrition and Foods	3		
		5617	Nutrition Science	4		
		5625	Child and Lifespan Development	5		
Personal Care Services (1)	0809	5701	Career Management Success	1		
		5338	Principles of Cosmetology	2		
		5339	Design Principles of Cosmetology	3		
		5340	Chemistry of Cosmetology	4		
		3727	Keyboarding/Document Layout and Design	1		
Electronic Publishing (1)	0809	3704	eBusiness Communications	2		
		3741	Desktop Publishing	3		
		3716	Career Connections	4		
		3718	Computer Applications	1		
		3746	Interactive Multimedia Presentation	2		
Interactive Multimedia (1)	0809	3741	Desktop Publishing	3		
		3718	Computer Applications	1		
		3746	Interactive Multimedia Presentation	2		
		3741	Desktop Publishing	3		
		3718	Computer Applications	1		
Web/Multimedia Management/Webmaster (1)	0910	3746	Interactive Multimedia Presentation	2		
		3768	Web Design Essentials	3		
		3769	Web Design Applications	4		
		3764	Information Technology Foundations	1		
		3763	Computer Operating Systems and Hardware	2		
Networking Systems (1)	BT, 0809	3778	Networking Essentials	3		

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11	Information Technology	Networking Systems (2)	TI, 0809	5755	Information Technology Foundations	1
				5756	Computer Operating Systems and Hardware	2
				5757	Networking	3
				5758	Cabling Technology	4
		Web Design (1)	BT, 0809	3758	Website-Foundations	1
				3759	Webpage Design -Site Designer	2
				3760	Webpage Design-eCommerce	3
		Web Design (3)	TI, 0809	5766	Web Site I - Foundations	1
				5767	Web Page Design II - Site Design	2
				5769	Webpage Design III-eCommerce	3
		Web Design (2)	TEE, 0809	3815	Web Site I - Foundations	1
				3816	Web Page Design II - Site Design	2
				3817	Webpage Design III-eCommerce	3
		12	Law, Public Safety, Corrections & Security	Law Enforcement Services (1)	0809	5701
5330	Criminal Justice I					2
5331	Criminal Justice II					3
5342	Criminal Justice III					4
Law Enforcement Services (2)	0910			5701	Career Management Success	1
				5330	Criminal Justice I	2
				5331	Criminal Justice II	3
				5343	Criminal Justice II/III	4
Security & Protective Services (2)	TI, 0809			5755	Information Technology Foundations	1
				5756	Computer Operating Systems and Hardware	2
				5757	Networking	3
				5758	Cabling Technology	4
Security & Protective Services (1)	BT, 0809			3764	Information Technology Foundations	1
				3763	Computer Operating Systems and Hardware	2
		3778	Networking Essentials	3		
		13	Manufacturing	Production Design (2)	TI, 0809	5701
5788	Computer- Aided Drafting					2
5789	Advanced Computer-Aided Drafting					3
Production Design (1)	TEE, 0809			5701	Career Management Success	1
				3823	Computer- Aided Drafting	2
				3824	Advanced Computer-Aided Drafting	3
Operations & Maintenance (1)	0809			5701	Career Management Success	1
				5781	Principles of Manufacturing	2
				5786	Basic Principles Welding	3
				5787	Advanced Welding Applications	4
Precision Productions (2)	TI, 0809			5781	Principles of Manufacturing	1
				5780	Programming and Logic	2
				5782	Principles of Machining and Manufacturing	3
				5785	Manufacturing Applications	4
Precision Productions (1)	TEE, 0809	3818	Principles of Manufacturing	1		
		3819	Principles of Machining and Manufacturing	2		
		3822	Manufacturing Applications	3		
Engineering (2)	TI, 0809	5791	Principles of Engineering (PLTW)	1		
		5793	Introduction To Engineering Design (PLTW)	2		
		5792	Digital Electronics (PLTW)	3		
		5794	Computer Integrated Manufacturing (PLTW)	4		
		5798	Engineering Design & Development (PLTW)	5		

Clusters-Programs of Study 2009-2010

Clus#	Cluster	Program of Study	Description	Course#	Course	Sequence
14	Marketing, Sales and Services	Channel Management (2)	HQ, 0809	5000	Marketing and Management I Principles	1
				5020	Wholesale Logistics	2
				5022	Retail Operations	3
		Channel Management (1)	0809	5030	Marketing and Management I Principles	1
				5050	Wholesale Logistics	2
				5052	Retail Operations	3
		Marketing Communication (2)	HQ, 0809	5000	Marketing and Management I Principles	1
				5001	Marketing and Management II-Advanced Strategies	2
				5016	Advertising and Public Relations	3
		Marketing Communication (1)	0809	5030	Marketing and Management I Principles	1
				5001	Marketing and Management II-Advanced Strategies	2
				5016	Advertising and Public Relations	3
		Marketing Management (2)	HQ, 0809	5000	Marketing and Management I Principles	1
				5001	Marketing and Management II-Advanced Strategies	2
				5018	Sales Management	3
		Marketing Management (1)	0809	5030	Marketing and Management I Principles	1
				5001	Marketing and Management II-Advanced Strategies	2
				5018	Sales Management	3
		Marketing Research (2)	HQ, 0809	5000	Marketing and Management I Principles	1
				5001	Marketing and Management II-Advanced Strategies	2
				5017	Market Research & Analysis	3
		Marketing Research (1)	0809	5030	Marketing and Management I Principles	1
				5001	Marketing and Management II-Advanced Strategies	2
				5017	Market Research & Analysis	3
		Merchandising (2)	HQ, 0809	5000	Marketing and Management I Principles	1
				5001	Marketing and Management II-Advanced Strategies	2
				5022	Retail Operations	3
		Merchandising (1)	0809	5030	Marketing and Management I Principles	1
				5001	Marketing and Management II-Advanced Strategies	2
				5052	Retail Operations	3
Selling and Sales Management (2)	HQ, 0809	5000	Marketing and Management I Principles	1		
		5018	Sales Management	2		
		5004	Services Marketing	3		
Selling and Sales Management (1)	0809	5030	Marketing and Management I Principles	1		
		5018	Sales Management	2		
		5034	Services Marketing	3		
Financial Services Marketing (1)	0910	5030	Marketing and Management I Principles	1		
		5036	Financial Services Marketing	2		
		5037	Personal Finance and Building Wealth	3		
Financial Services Marketing (2)	HQ, 0910	5000	Marketing and Management I Principles	1		
		5006	Financial Services Marketing	2		
		5037	Personal Finance and Building Wealth	3		

Clusters-Programs of Study 2009-2010

Clus#	Cluster	Program of Study	Description	Course#	Course	Sequence
15	Science, Technology, Engineering & Mathematics	Engineering and Technology (2)	0910	3835	Foundations of Technology	1
				3836	Technological Issues	2
				3838	Advanced Design Applications	3
				3839	Engineering Design	4
		Science & Mathematics (2)	0910	3835	Foundations of Technology	1
				3836	Technological Issues	2
				3837	Advanced Technological Applications	3
				3813	Problems and Solutions in Technology	4
16	Transportation, Distribution, and Logistics	Automotive Technology (1)	0809	5702	Transportation Core	1
				5712	Automotive: Brake Systems	2
				5710	Automotive: Suspension and Steering	3
				5713	Automotive/Electrical/Electronics Systems	4
		Collision Repair Technology (1)	0809	5702	Transportation Core	1
				5707	Collision Repair: Non Structural	2
				5708	Collision Repair: Structural	3
				5709	Collision Repair: Painting and Refinishing	4
		Diesel Technology (1)	0809	5702	Transportation Core	1
				5714	Diesel: Preventive Maintenance	2
				5715	Diesel: Brake Systems	3
				5716	Diesel: Suspension and Steering	4
				5717	Diesel: Electrical/Electronic	5
		Aviation Maintenance (1)	0809	5701	Career Management Success	1
				5702	Transportation Core	2
				5703	Aviation Maintenance I	3
				5704	Aviation Maintenance II	4
		Aviation Flight (1)	0809	5701	Career Management Success	1
				5702	Transportation Core	2
				5719	Introduction to Aerospace	3
5720	Theory of Flight			4		
Leisure Craft/Small Engine Technology (1)	0809	5701	Career Management Success	1		
		5702	Transportation Core	2		
		5705	Leisure Craft: Systems	3		
		5706	Leisure Craft: Small Engine Performance	4		