

Advanced Manufacturing

Learning Options:

-  Day Course
-  Evening Course
-  Online Course
- MD Mixed Mode Day Course
- ME Mixed Mode Evening Course
- Not Offered

2022-2023 COURSE OFFERING GUIDE

2023-2024 COURSE OFFERING GUIDE

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
ELE 111	Electrical Fundamentals	 		----	 		
ELE 211	Basic Electronics	----		----	----		----
ELE 224	Programmable Controllers (PLCs) I			----			----
ELE 254	Programmable Controllers (PLCs) II	----		----	----		----
FLP 101	Fluid Power Fundamentals I			----			----
FLP 110	Fluid Power Fundamentals II			----			----
FLP 226	Pneumatics	----	----		----	----	
MEC 100	Materials & Processes			----			----
MEC 101	3D Modeling and Blueprint Read			----			----
MEC 201	Mechanisms	MD	MD	----	MD	MD	----
MEC 224	Robotics IV	----		----	----		----
NCT 100	Foundation Concepts for CNC Machining			----			----
NCT 101	Introduction to Computerized Machining (CNC) I			----			----
NCT 110	Introduction to Computerized Machining (CNC) II			----			----
NCT 120	Introduction 2D CAD CAM Programming & Applications		 	----		 	
NCT 123	2D CAD CAM CNC Programming for Mills and Lathes	----	----	----	----	----	
NCT 121	Manual Programming & NC Tool Operation		----	----		----	----
NCT 221	Advanced Manual Programming & NC Tool Operation	----		----	----		----
ROB 101	Robotics I – I			----			----
ROB 110	Robotics I – II			----			----
ROB 212	Robotics II	----			----		
ROB 222	Robotics Simulation		----	----		----	----
ROB 223	Robotics III		----	----		----	----

For more information about our programs, please call 734-973-3628 or email atp.div@wccnet.edu.

Heating, Ventilation, Air Conditioning & Refrigeration

Learning Options:

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COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
CMG 130	Construction Site Safety & OSHA Regulations			-----			-----
CMG 150	Introduction to Construction Management	 		-----	 		-----
CMG 170	Construction Graphics			-----			-----
CMG 180	Application of Construction Materials		-----	-----		-----	-----
CMG 200	Construction Systems	-----		-----	-----		-----
HVA 101	Heating, Ventilation & Air Conditioning I	 	 		 	 	
HVA 102	HVAC Sheet Metal Fabrication		 			 	
HVA 103	Heating, Ventilation & Air Conditioning II	 	 		 	 	
HVA 105	Residential & Light Commercial Heating Systems		 	-----		 	-----
HVA 107	Residential & Light Commercial Air Conditioning Systems	 			 		
HVA 108	Residential HVAC Competency Exams & Codes						
HVA 201	Energy Audits		-----	-----		-----	-----
HVA 202	Air System Layout & Design	-----		-----	-----		-----
HVA 203	Refrigeration Systems		-----	-----		-----	-----
HVA 205	Hydronic Systems		-----	-----		-----	-----
HVA 207	Commercial Industry Standards with Competency Exams	-----		-----	-----		-----

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Public Service Careers

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
CJT 100	Introduction to Criminal Justice	  	  		  	  	
CJT 111	Police & Community Relations	 	 		 	 	
CJT 120	Ethics	  	 		  	 	
CJT 130	Introduction to Paralegal Studies			-----			-----
CJT 144	Parole, Probation, & Community Corrections						
CJT 156	Everyday Law	 			 		
CJT 160	Criminal Justice Constitutional Law	 			 		
CJT 170	Domestic & International Terrorism			-----			-----
CJT 199	On the Job Training	MD	MD	MD	MD	MD	MD
CJT 208	Criminal Evidence & Procedure		 	-----		 	-----
CJT 209	Criminal Law	 			 		
CJT 223	Juvenile Justice		 	-----		 	-----
CJT 224	Criminal Investigation	 		-----	 		-----
ECD 101	Child Development	 		-----	 		-----
ECD 122	Essentials of Child Care I			-----			-----
ECD 123	Essentials of Child Care II			-----			-----
ECD 124	CDA Assessment Preparation	-----	-----		-----	-----	
ECD 132	Child Development Practicum I			-----			-----
ECD 133	Child Development Practicum II			-----			-----
ECD 180	Working with Families in a Diverse Society			-----			-----
ECD 280	The Developing Professional in Early Childhood Education			-----			-----
ECD 281	Practicum for the Developing ECE Professional			-----			-----
ECD 210	Curriculum for Young Children		-----	-----		-----	-----
ECD 200	Child Guidance & Classroom Management		-----	-----		-----	-----
ECD 205	Administration of Child Care Programs	-----		-----	-----		-----

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Public Service Careers

ECD 220	Development & Care of Infants & Toddlers	-----		-----	-----		-----
ECD 225	Infant-Toddler: Critical Competencies for Working with Young Children		-----	-----		-----	-----
ECD 230	Child Observation & Assessment			-----			-----
ECD 240	Education of the Young Child with Exceptionalities	-----		-----	-----		-----

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Transportation Technologies

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
ABR 111	Introduction to Auto Body Repair	☀ ☾	☀ ☾	----	☀ ☾	☀ ☾	----
ABR 112	Introduction to Automotive Refinishing	☾	☀	----	☾	☀	----
ABR 113	Estimating and Shop Operations	----	☾	----	----	☾	----
ABR 114	Applied Auto Body Welding	☀ ☾	☀ ☾	☀	☀ ☾	☀ ☾	☀
ABR 119	The Art of Metal Shaping	☀	☾	----	☀	☾	----
ABR 123	Technical Auto Body Repair	☾	☀	----	☾	☀	----
ABR 124	Technical Automotive Refinishing	☀	☾	----	☀	☾	----
ABR 130	Custom Painting	☀	----	----	☀	----	----
ABR 140	Aluminum Welding for Automotive Applications	----	☾	----	☾	☀	----
ABR 201	Lightweighting Composite Repair	☾	----	----	☀	----	----
ABR 209	Advanced Metal Shaping	☀	☾	----	☀	☾	----
ABR 231	Project Management & Implementation in Auto Body	----	----	☀	----	----	☀
ASV 130	Automotive Maintenance	☀ ☾	☀ ☾	☀	☀ ☾	☀ ☾	☀
ASV 131	Automotive Electrical	☀ ☾	☀ ☾	☾	☀ ☾	☀ ☾	☾
ASV 132	Automotive Engines	☀ ☾	☀ ☾	----	☀ ☾	☀ ☾	----
ASV 133	Automotive Fuel	☀	☀ ☾	----	☀	☀ ☾	----
ASV 134	Automotive Transmissions	☀ ☾	☀ ☾	----	☀ ☾	☀ ☾	----
ASV 135	Facility Operations	----	☀	----	----	☀	----
ASV 251	Engine Diagnosis and Repair	☾	☀	----	☾	☀	----
ASV 254	Suspension and Steering	☾	☀	----	☾	☀	----
ASV 255	Brakes	☀	☾	----	☀	☾	----
ASV 256	Electrical & Electronic Systems	☀	☀ ☾	----	☀	☀ ☾	----
ASV 257	Heating & Air Conditioning Systems	----	----	☾	----	----	☀
ASV 258	Engine Drivability	☀	☾	----	☀	☾	----
ASV 266	Advanced Transmissions	----	☀	----	----	☀	----
ASV 277	Automotive Powertrain Systems	☾	----	----	☀	----	----

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Transportation Technologies

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
ASV 279	Auto Dyno & Test	----	☾	----	----	☀	----
CCC 210	Custom Auto Body Technician I	☀	----	----	☀	----	----
CCC 215	Custom Fabrication & Chassis Design I	----	☀	----	----	☀	----
CCC 250	Custom Auto Body Technician II	☀	----	----	☀	----	----
CCC 255	Custom Fabrication & Chassis Design II	----	☀	----	----	☀	----
MST 106	Introduction to Powder Coating	☾	----	----	☾	----	----
MST 110	Motorcycle Service Technology I	☀ ☾	☾	----	☀ ☾	☾	----
MST 112	Advanced Powder Coating		☾	----		☾	----
MST 120	Motorcycle Service Technology II	☀	☾	----	☀	☾	----
MST 130	Motorcycle Service Technology III	☾	☀	----	☾	☀	----
MST 140	Motorcycle Service Technology IV	☾	☀	----	☾	☀	----
MST 210	Performance Engine Technology	☀	----	----	☾	----	----
MST 220	Dynamometer Operations	☾	----	----	☀	----	----
MST 225	Advanced Dynamometer Tuning Systems	----	☀	----	----	☾	----
MST 230	Advanced Motorcycle Fabrication	----	☾	----	----	☀	----

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Welding and Fabrication

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COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
WAF 103	Introduction to Gas Tungsten Arc Welding	 	 	 	 	 	 
WAF 104	Soldering & Brazing	 	 	 	 	 	 
WAF 105	Introduction to Welding Processes	 	 	 	 	 	 
WAF 106	Welding Print Reading						
WAF 109	Welding Safety & OSHA Regulations	 	 	 	 	 	 
WAF 110	Ironworker Pre-Apprenticeship Orientation and Safety		-----	-----		-----	-----
WAF 114	Ironworker Pre-Apprenticeship Introduction to Welding		-----	-----		-----	-----
WAF 116	Ironworker Pre-Apprenticeship Shielded Metal Arc Welding	-----		-----	-----		-----
WAF 117	Ironworker Pre-Apprenticeship Flux Cored Arc Welding	-----		-----	-----		-----
WAF 119	Ironworker Pre-Apprenticeship Ridding and Cranes		-----	-----		-----	-----
WAF 120	Ironworker Pre-Apprenticeship Print Reading/Context. Math		-----	-----		-----	-----
WAF 125	Introduction to Welding Processes I	 	 	 	 	 	 
WAF 126	Introduction to Welding Processes II	 	 	 	 	 	 
WAF 130	Shielded Metal Arc Welding	 	 	 	 	 	 
WAF 131	Cutting, Gouging & Weld Repair	 	 		 	 	
WAF 139	Basic Metal Fabrication	 	 		 	 	
WAF 140	Inspection & Testing	 	 		 	 	
WAF 150	Automated Welding & Cutting						
WAF 210	Welding Metallurgy						
WAF 230	Advanced Shielded Metal Arc Welding	 	 	 	 	 	 
WAF 231	Gas Tungsten Arc Welding-GTAW	 	 	 	 	 	 
WAF 232	Semi-Automatic Welding Processes	 	 	 	 	 	 
WAF 233	Submerged Arc & Flux Core Welding	 	 		 	 	
WAF 239	Advanced Metal Fabrication						

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Business

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
ACC 100	Accounting Practices for Business	----		----	----		----
ACC 110	Payroll Accounting	 			 		
ACC 111	Principles of Accounting I	  	  	 	  	  	 
ACC 122	Principles of Accounting II	  	  	 	  	  	 
ACC 131	QuickBooks Software				 		
ACC 213	Intermediate Accounting I			----			----
ACC 214	Intermediate Accounting II			----			----
ACC 225	Managerial Cost Accounting			----			----
BMG 101	Entrepreneurship I: Finding Your Opportunity	 	 	----	 	 	----
BMG 109	Entrepreneurship II: Starting Your Business	 	 	----	 	 	----
BMG 111	Business Law I	  	  	 	  	  	 
BMG 140	Introduction to Business	  	  	 	  	  	 
BMG 155	Business on the Internet						
BMG 160	Principles of Sales						
BMG 163	Introduction to E-sports		----	----		----	----
BMG 165	Introduction to Sports & Entertainment Management		----	----		----	----
BMG 166	Sports & Entertainment Communications & Public Relations	----		----	----		----
BMG 168	Facilities & Event Management	----		----	----		----
BMG 169	Sports & Entertainment Marketing	----		----	----		----
BMG 181	Introduction to Supply Chain Management						
BMG 182	Warehousing & Logistics						
BMG 205	Creating the Customer Experience	 			 		
BMG 206	Retail Principles & Practices			----			----
BMG 207	Business Communication	  	  	 	  	  	 
BMG 209	Entrepreneurship III: Running & Growing Your Business	 	 	----	 	 	----

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Business

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
BMG 226	Transportation & Logistics						
BMG 228	Purchasing & Inventory Control						
BMG 230	Management Skills	 			 		
BMG 240	Human Resources Management	 	 		 	 	
BMG 250	Principles of Marketing	 			 		
BMG 265	Business Statistics	  	  	 	  	  	 
BMG 273	Managing Operations	 			 		
BMG 275	Business & Supply Chain Analytics			-----			-----
BMG 279	Organizational Mangement						
BMG 291	Project Management						
BMG 293	Business Enterprise Essentials Capstone						
BMG 295	Supply Chain Field Studies	-----		-----	-----		-----
TAX 101	Income Taxes For Individuals	 		-----	 		-----
BOS 101A	Introduction to Keyboarding						
BOS 101B	Intermediate Keyboarding						
BOS 101C	Advanced Keyboarding						
BOS 106	Electronic Planning, Sharing & Organization						
BOS 157	Word Processing & Document Formatting I	 			 		
BOS 182	Database Applications		-----	-----		-----	-----
BOS 184	Spreadsheet Software Applications I	 			 		
BOS 206	Personal Management Application & Internet Resources	-----		-----	-----		-----
BOS 207	Presentation Software Applications	-----		-----	-----		-----
BOS 208	Desktop Publishing for the Office	-----		-----	-----		-----
BOS 230	Electronic Forms Design	-----		-----	-----		-----
BOS 250	Office Administration	-----		-----	-----		-----
BOS 257	Word Processing & Document Formatting II	-----		-----	-----		-----



Business

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COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
BOS 284	Spreadsheet Software Applications II	-----	💻	💻	-----	💻	💻

Computer Information Systems

Learning Options:

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COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
CIS 100	Introduction Computer Productivity Applications						
CIS 110	Introduction to Computer Information Systems	  	  		  	  	
CIS 120	Linux / UNIX I: Fundamentals	 ME	 ME		 ME	 ME	
CIS 282	Database Principles & Application			-----			-----
CNT 201	Administering Microsoft Window Clients	 	 		 	 	-----
CNT 206	Introduction to Networks	  	   MD		   MD	   MD	
CNT 211	Installation, Storage, & Compute – Windows Server		 	-----		 	-----
CNT 216	Routing & Switching Essentials	  	   MD		  	   MD	
CNT 223	Networking with Windows Server			-----			
CNT 224	Identity with Windows Server			-----			-----
CNT 226	Enterprise Networking, Security & Automation	 	 		 	 	
CNT 290	Network Forensics	 ME	 ME	-----	 ME	 ME	-----
CNT 295	CCNA Test Prep						
CPS 120	Introduction to Computer Science	 ME	 ME		 ME	 ME	
CPS 141	An Introduction to Programming Using Python	 ME	 ME		 ME	 ME	
CPS 161	An Introduction to Programming with Java	  	  	 ME	  	  	 ME
CPS 171	Introduction to Programming with C++	  	  	 MD	  	  	 MD
CPS 251	Android Programming	ME	ME	-----	ME	ME	-----
CPS 261	Advanced Java Concepts	 ME	 ME		 ME	 ME	
CPS 271	Object Features of C++	 	 		 	 	
CPS 272	Data Structures with C++	 	 	-----	 	 	-----
CPS 276	Web Programming Using Apache, MySQL, & PHP	ME MD	ME MD	-----	ME MD	ME MD	-----
CPS 278	Java Spring Framework	 ME	 ME	-----	 ME	 ME	-----
CPS 298	Professional Team Programming	-----		-----	-----		-----

Computer Information Systems

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COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
CSS 200	Introduction to Network Security	💻	💻	💻	💻	💻	💻
CSS 205	Essentials of Network Penetration Testing	💻	💻	-----	💻	💻	-----
CSS 210	Network Perimeter Protection – CCNA Security	💻	💻	-----	💻	💻	-----
CSS 225	Cyber Operations – CCNA Cyber Ops	💻	💻	-----	💻	💻	-----
CSS 285	Automotive Pen Testing	-----	MD	-----	-----	MD	-----
CSS 295	Cybersecurity Test Prep	💻	💻	💻	💻	💻	💻
CST 118	Microsoft Command Line Fundamentals	☀ ☾	☀ ☾	☀	☀ ☾	☀ ☾	☀
CST 160	Computer Technology I	☀ ☾	☀ ☾	-----	☀ ☾	☀ ☾	-----
CST 165	Computer Technology II	☀ ☾	☀ ☾	-----	☀ ☾	☀ ☾	-----
CST 185	PC Networking	☀ ☾	☀ ☾	-----	☀ ☾	☀ ☾	-----
CST 270	Computer Forensics I	☾	☾	☾	☾	☾	☾

Digital Media Arts

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COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
ANI 145	Concept Development for Animation						
ANI 150	3D Animation I: Modeling						
ANI 155	Textures & Studio Lighting for Animation			----			----
ANI 160	Fundamentals of Movement & Animation			----			----
ANI 180	Introduction to Game Level Design			----			----
ANI 190	History of Game Design			----			----
ANI 230	Motion & Sound			----			----
ANI 235	Introduction to Compositing & Visual Effects			----			----
ANI 240	Advanced Level Game Design	----		----	----		----
ANI 250	Organic Modeling & Rigging			----			----
ANI 260	3D Animation III			----			----
AUD 170	Introduction to Audio Technology			----			----
AUD 180	Pro Tools Fundamentals I	MD	ME	----	MD	ME	----
AUD 181	Pro Tools Fundamentals II	ME	MD	----	ME	MD	----
AUD 240	Audio Production Techniques I	----		----	----		----
AUD 248	Introduction to Live Sound Reinforcement						
AUD 250	Audio Production Techniques II		----	----		----	----
AUD 286	Audio Production Portfolio	----	ME	----	----	ME	----
GDT 100	Typography I			----			----
GDT 101	History of Graphic Design						
GDT 104	Introduction to Graphic Design						
GDT 106	Illustrator Graphics		----	----		----	----
GDT 108	Photoshop Graphics						
GDT 112	Principles & Problem-Solving in Graphic Design			----			----
GDT 215	Typography II			----			----

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GDT 220	Publication Design			----			----
GDT 239	Imaging & Illustration			----			----
GDT 252	Advanced Digital Studio	----		----	----		----
GDT 290	Professional Practices	----		----	----		----
PHO 103	History of Photography						
PHO 111	Photography I	  MD	  MD	 	  MD	  MD	 
PHO 116	Studio Portraits		----	----		----	----
PHO 117	Introduction to the Studio						
PHO 122	Film & Darkroom Photography	 			 		
PHO 127	Digital Photo Imaging I						
PHO 129	Black & White Digital Imaging			----			----
PHO 204	Color Photo Design		----	----		----	----
PHO 210	Alternative Processes	----	----		----	----	
PHO 211	Large Format Photography I		----	----		----	----
PHO 212	Large Format Photography II	----	----	----	----	----	----
PHO 216	Environmental Portraiture	----	----		----	----	
PHO 220	Advanced Studio Techniques	----		----	----		----
PHO 227	Photojournalism	----		----	----		----
PHO 228	Digital Photo Imaging II						
PHO 230	Portfolio Projects			----			----
PHO 231	Portfolio Seminar	----		----	----		----
VID 105	Foundations in Digital Video I	 MD ME	 MD ME		 MD ME	 MD ME	
VID 125	Foundations Digital Video II	 	 		 	 	
VID 200	Lighting for Video	----	----		----	----	
VID 203	Commercial Video Production			----			----

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VID 210	Screenplays	----	☀	----	----	☀	----
VID 240	Digital Cinematography	☀	----	----	☀	----	----
VID 270	Documentary Video Production I	☀	☀	----	☀	☀	----
VID 275	Documentary Video Production II	☀	☀	----	☀	☀	----
VID 276	Video Graphics I	☾	☾	----	☾	☾	----
VID 295	Portfolio & Project Seminar	----	☀	----	----	☀	----
WEB 110	Web Development I	💻 ME	💻 ME	💻	💻 ME	💻 ME	💻
WEB 113	Web User Experience I	💻 MD	💻	----	💻 MD	💻	----
WEB 115	Interface Design I	MD ME	MD	----	MD ME	MD	----
WEB 133	Digital Strategy	☾	----	----	☾	----	----
WEB 163	User Research and Project Management	☾	----	----	☾	----	----
WEB 210	Web Development II	💻	💻	----	💻	💻	----
WEB 213	Web User Experience II	ME	ME	----	ME	ME	----
WEB 215	Interface Design II	MD	ME	----	MD	ME	----
WEB 230	Advanced JavaScript	----	☾	----	----	☾	----

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GUIDE

Humanities, Languages & the Art

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
ART 101	Introduction to Studio Art			 			 
ART 102	Color			-----			-----
ART 108	Three-Dimensional Design			-----			-----
ART 111	Basic Drawing I	 	 		 	 	
ART 112	Basic Design I	-----			-----		
ART 114	Painting I			-----			-----
ART 121	Ceramics I	 	 		 	 	
ART 122	Basic Drawing II			-----			-----
ART 125	Painting II			-----			-----
ART 127	Life Drawing I			-----			-----
ART 128	Ceramics II	 	 		 	 	
ART 129	Life Drawing II			-----			-----
ART 130	Art Appreciation	 	 	 	 	 	 
ART 143	African American Art & Culture	-----			-----		
ART 150	Monuments & Cultures	 		-----	 		-----
ART 285	Self Management / Working Artists			-----			-----
HUM 101	Introduction to Humanities: Ancient to Medieval	 		-----	 		-----
HUM 102	Introduction to Humanities: Renaissance to Modern						
HUM 103	Introduction to the Humanities: 20 th Century to Present	-----			-----		
HUM 145	Comparative Religions	 			 		
HUM 146	Mythology	 	 	 	 	 	 
HUM 175	Arts & Cultures of Islam	-----		-----	-----		-----
PHL 101	Introduction to Philosophy	 	  	 	 	  	 
PHL 200	Existentialism			-----			-----
PHL 205	Ethics						

Humanities, Languages & the Art

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
PHL 241	Environmental Ethics			----			----
PHL 244	Ethical & Legal Issues in Health Care	  	  	  	  	  	  
PHL 250	Logic			----			----
ARB 111	First Year Arabic I						
ARB 122	First Year Arabic II	----			----		
CHN 111	First Year Chinese I			----			----
CHN 122	First Year Chinese II	----		----	----		----
CHN 201	Second Year Chinese I		----	----		----	----
CHN 202	Second Year Chinese II	----		----	----		----
FRN 101	Beginning Conversational French I	----	 	 	----	 	 
FRN 111	First Year French I						
FRN 122	First Year French II	----		----	----		----
GRM 101	Beginning Conversational German I	 	 	 	 	 	 
GRM 111	First Year German I	 		----	 		----
GRM 122	First Year German II	----		----	----		----
JPN 111	First Year Japanese I						
JPN 122	First Year Japanese II	----		----	----		----
SPN 101	Beginning Conversational Spanish I	 	 	 	 	 	 
SPN 111	First Year Spanish I	 		 	 		 
SPN 122	First Year Spanish II		 		 		
SPN 201	Second Year Spanish I						
SPN 202	Second Year Spanish II						
DAN 101	Beginning Modern Dance I	----		----		----	----
DAN 105	Beginning Jazz Dance I	----	----	----	----		----
DAN 107	Beginning Ballet I		----	----		----	----

Learning Options:

-  Day Course
-  Evening Course
-  Online Course
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- Not Being Offered

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Humanities, Languages & the Art

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
DAN 111	Hip Hop Dance	----	----	☀	----	----	☀
DAN 123	Dance Exercise I	☀	☀	☀	☀	☾	☀
DAN 180	Dance Appreciation	☾	☀	----	☀	☾	----
DAN 200	Advanced Performance	----	☀	----	----	☀	----
MUS 105	Jazz Combo & Improvisation I	☾	☾	☀	☾	☾	☀
MUS 106	Jazz Combo & Improvisation II	☾	☾	☀	☾	☾	☀
MUS 133	Beginning Guitar	☀ ☾	☀ ☾	----	☀ ☾	☀ ☾	----
MUS 134	Intermediate Guitar	☀ ☾	☀ ☾	----	☀ ☾	☀ ☾	----
MUS 140	Music Theory I	☀ ☾ MD ME	☀ ☾ MD ME	☀ MD	☀ ☾ MD ME	☀ ☾ MD ME	☀ MD
MUS 142	Music Theory II	☀ ☾ MD ME	☀ ☾ MD ME	☀ MD	☀ ☾ MD ME	☀ ☾ MD ME	☀ MD
MUS 146	Songwriting I	☾	☀	☾	☾	☀	☾
MUS 147	Arts, Media & Entertainment Law	☾	☀	----	☾	☀	----
MUS 154	Functional Piano I	☀ ☾	☀ ☾	☀	☀ ☾	☀ ☾	☀
MUS 155	Functional Piano II	☀ ☾	☀ ☾	☀	☀ ☾	☀ ☾	☀
MUS 180	Music Appreciation: Our Musicial World	☾ 	☾ 		☾ 	☾ 	
MUS 204	Voice I	☀ ☾	☀ ☾	☾	☀ ☾	☀ ☾	☾
MUS 205	Voice II	☀ ☾	☀ ☾	☾	☀ ☾	☀ ☾	☾
MUS 285	Self Management / Working Artists	☀	☾	----	☀	☾	----
MUS 295	Arts Management Capstone	☀	☀	----	☀	☀	----



HEALTH SCIENCES DIVISION

Learning Options:

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Allied Health

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
DEN 102	Managing Safe Practice in Dentistry	☀	----	----	☀	----	----
DEN 106	Biomedical Science	MD	----	----	MD	----	----
DEN 107	Oral Anatomy	MD	----	----	MD	----	----
DEN 108	Dental Radiography	☀	----	----	☀	----	----
DEN 110	Basic Clinical for Dental Assisting	☀	----	----	☀	----	----
DEN 112	Dental Materials	☀	----	----	☀	----	----
DEN 118	Preventive Dentistry	----	☀	----	----	☀	----
DEN 120	Oral Diagnosis	----	☀	----	----	☀	----
DEN 128	Dental Radiography Practicum	----	☀	----	----	☀	----
DEN 129	Oral Pathology & Dental Therapeutics	----	☀	----	----	☀	----
DEN 130	Clinical Practice	----	☀	----	----	☀	----
DEN 131	Principles of Dental Specialities	----	☀	----	----	☀	----
DEN 202	Advanced Clinical Practice	----	----	MD	----	----	MD
DEN 204	Advanced Functions	MD	----	☀	MD	----	☀
DEN 212	Dental Practice Management	----	----	MD	----	----	MD
DEN 230	Alternative Dental Assisting Education Project	MD	----	----	MD	----	----
MRI 101	MRI Safety	☾	----	----	☾	----	----
MRI 110	MRI Physics I	☀	----	----	☀	----	----
MRI 120	MRI Procedures I	☀	----	----	☀	----	----
MRI 125	MRI Clinical Education I	☀	----	----	☀	----	----
MRI 130	MRI Physics II	----	☀	----	----	☀	----
MRI 135	MRI Quality Assurance	----	☀	----	----	☀	----
MRI 140	MRI Procedures II	----	☾	----	----	☾	----
MRI 145	MRI Clinical Education II	----	☀	----	----	☀	----
MRI 160	MRI Advanced Imaging Procedures	----	----	----	----	----	----



HEALTH SCIENCES DIVISION

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Allied Health

MRI 162	MRI Pulse Sequence, Imaging Options & Parameters	----	----	----	----	----	----
MRI 165	MRI Clinical Education III	----	----	----	----	----	----
MED 101	Introduction to Medical Assisting	☀	----	----	☀	----	----
MED 104	Medical Assistant Math & Pharmacology	☀	----	----	☀	----	----
MED 112	Medical Assistant Administrative I	☀	----	----	☀	----	----
MED 114	Medical Assistant Lab I	MD	----	----	MD	----	----
MED 116	Medical Insurance Billing and Coding Basics for MA	☀	----	----	☀	----	----
MED 210	Medical Assistant Administrative II	----	☀	----	----	☀	----
MED 221	Medical Assistant Lab II	----	MD	----	----	MD	----
MED 241	Medical Assistant Clinical Practice	----	☀	----	----	☀	----
MED 245	Medical Assistant Credentialing Exam Review	----	☀	----	----	☀	----
PTA 100	Fundamentals of Physical Therapy	☀	----	----	☀	----	----
PTA 150	Therapeutic Procedures I & Lab	☀	----	----	☀	----	----
PTA 160	Therapeutic Procedures II & Lab	----	☀	----	----	☀	----
PTA 180	Clinical Kinesiology & Lab	MD	----	----	MD	----	----
PTA 195	Intro to Disease	----	☀	----	----	☀	----
PTA 198	Soft Tissue Management & Lab	☀	----	----	☀	----	----
PTA 200	Therapeutic Modalities & Lab	----	☀	----	----	☀	----
PTA 220	Therapeutic Exercise I & Lab	----	☀	----	----	☀	----
PTA 225	Therapeutic Exercise II & Lab	☀	----	----	☀	----	----
PTA 230	Clinical Education I	----	☀	----	----	☀	----
PTA 240	Clinical Education II	☀	----	----	☀	----	----
PTA 250	Clinical Education III	----	☀	----	----	☀	----
PTA 280	Clinical Concepts	----	☀	----	----	☀	----
RAD 100	Introduction to Diagnostic Imaging	☀ ☾	☀	☀ ☾	☀ ☾	☀	☀ ☾
RAD 101	Methods in Patient Care	----	----	☀	----	----	☀

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Allied Health

RAD 103	Medical Professionalism in Radiography	----	----		----	----	
RAD 110	Clinical Education		----	----		----	----
RAD 111	Fundamentals of Radiography	----	----		----	----	
RAD 112	Radiography Positioning I		----	----		----	----
RAD 120	Clinical Education	----		----	----		----
RAD 123	Radiographic Positioning II	----		----	----		----
RAD 124	Principles of Radiographic Exposure		----	----		----	----
RAD 125	Radiographic Procedures & Anatomy	 MD	----	----	 MD	----	----
RAD 150	Clinical Education	----	----		----	----	
RAD 190	Physical Foundations of Radiography	----	 MD	----	----	 MD	----
RAD 215	Radiography of the Skull	----		----	----		----
RAD 217	Clinical Education	----		----	----		----
RAD 218	Radiation Biology & Protection	----	----	 ME	----	----	 ME
RAD 222	Pharmacology in Diagnostic Imaging	 MD	----	----	 MD	----	----
RAD 223	Sectional Anatomy	----	 MD	----	----	 MD	----
RAD 225	Clinical Education	----		----	----		----
RAD 232	Digital Imaging in Radiography	----		----	----		----
RAD 235	Pathology for Radiographers	 MD	----	----	 MD	----	----
RAD 240	Clinical Education	----	----		----	----	
RAD 259	CT Instrumentation & Protocols	 	----	----	 	----	----
RAD 261	Patient Care in Computed Tomography (CT)	 	----	----	 	----	----
RAD 262	Principles of Computed Tomography (CT)	----	 	----	----	 	----
RAD 263	Practical Computed Tomography (CT) Imaging	 	----	----	 	----	----
RAD 265	Computed Tomography (CT) Clinical Education I		----	----		----	----
RAD 266	Advanced Computed Tomography (CT) Imaging	----	 	----	----	 	----
RAD 267	Computed Tomography (CT) Clinical Education II	----		----	----		----
SUR 101	Introduction to Sterile Processing		----			----	



HEALTH SCIENCES DIVISION

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Allied Health

SUR 108	Sterile Processing Clinical	☀	☀	----	☀	☀	----
SUR 109	Sterile Processing Seminar	☀	☀	----	☀	☀	----
SUR 110	Introduction Surgery Technology / Patient - Lab	----	☀	----	----	☀	----
SUR 170	Surgical Pharmacology	----	💻	----	----	💻	----
SUR 180	Surgical Procedures I	----	☀	----	----	☀	----
SUR 181	Surgical Procedures I Lab	----	☀	----	----	☀	----
SUR 210	Surgical Procedures II	☀	----	----	☀	----	----
SUR 211	Surgical Procedures II Lab	☀	----	----	☀	----	----
SUR 231	Clinical Education I	☀	----	----	☀	----	----
SUR 241	Clinical Education II	----	☀	----	----	☀	----
SUR 250	Surgical Technology Seminar	----	☀	----	----	☀	----
SUR 270	Biomedical Science & Minimally Invasive Surgery	----	----	☀	----	----	☀
SUR 270B	Biomedical Science & Minimally Invasive Surgery - Lab	----	----	☀	----	----	☀



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Health Science

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
HSC 100	Basic Nursing Assistant Skills	MD ME	MD ME	MD ME	MD ME	MD ME	MD ME
HSC 101	Healthcare Terminology	☀ 💻	☀ 💻	☀ ☾ 💻	☀ 💻	☀ 💻	☀ ☾ 💻
HSC 103	Healthcare Exploration	☀ ☾ 💻	☀ ☾ 💻	☾ 💻	☀ ☾ 💻	☀ ☾ 💻	☾ 💻
HSC 124	Medical Terminology	MD 💻	MD 💻	💻	MD 💻	MD 💻	💻
HSC 131	CPR / AED for Professional Rescuer & First Aid	MD ME	MD ME	MD ME	MD ME	MD ME	MD ME
HSC 138	General & Therapeutic Nutrition	💻	💻	💻	💻	💻	💻
HSC 147	Growth & Development	☾ 💻	☾ 💻	💻	☾ 💻	☾ 💻	💻
HSC 165	Foundations of Caregiving	💻	💻	💻	💻	💻	💻
MBC 185	Medical Computer Skills & Electronic Health Records	💻	💻	💻	💻	💻	💻
MBC 205	Introductory ICD-10 Coding	☾	----	----	☾	----	----
MBC 210	Intermediate / Advanced ICD Coding	----	☾	----	----	☾	----
MBC 215	Introductory Procedural Coding	☾	----	----	☾	----	----
MBC 220	Intermediate / Advanced Procedural Coding	----	☾	----	----	☾	----
MBC 223	Medical Office Procedures	💻	💻	💻	💻	💻	💻
MBC 224	Medical Insurance & Reimbursement	💻	💻	💻	💻	💻	💻
MBC 250	Medical Coding Practicum	----	----	☾	----	----	☾
PEA 115	Physical Education Activity	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾
YOG 101	Yoga I	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾
YOG 102	Yoga II	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾



HEALTH SCIENCES DIVISION

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Nursing

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
NUR 108	Nursing Concepts I	MD	MD	-----	MD	MD	-----
NUR 115	Pharmacology						
NUR 128	Nursing Concepts II	MD	MD	-----	MD	MD	-----
NUR 134	LPN to RN Transition	-----	-----	ME	-----	-----	ME
NUR 138	Nursing Concepts III	MD	MD	-----	MD	MD	-----
NUR 189	Study Problems						
NUR 257	Evidence-Based Practice in Action	-----	-----		-----	-----	
NUR 288	Nursing Concepts IV	MD	MD	-----	MD	MD	-----

Washtenaw Community College does not discriminate on the basis of religion, race, color, national origin, age, sex, height, weight, marital status, disability, veteran status, sexual orientation, gender identity, gender expression, or any other protected status in its programs and activities. The following office has been designated to handle inquiries regarding non-discrimination policies. Title IX or ADA/504 inquiries: Vice President of Student & Academic Services, SC 247, 734-973-3536.

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Behavioral Sciences

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
HSW 100	Introduction to Human Services	 	 		 	 	
HSW 200	Interviewing & Assessment	 	 	-----	 	 	-----
HSW 220	Group Dynamics & Counseling	 	 	-----	 	 	-----
HSW 225	Family Social Work		 			 	
HSW 229	Human Services Success Skills						
HSW 230	Field Internship & Seminar I						
HSW 296	Neuropsychology of Addiction			-----			-----
HSW 297	Assessment of Co-Occurring Disorders			-----			-----
HSW 298	Treatment of Addiction			-----			-----
PSY 100	Introduction to Psychology	  	  	  	  	  	  
PSY 150	Psychology of Work						
PSY 200	Child Psychology		 			 	
PSY 206	Life Span Developmental Psychology	  	  		  	  	
PSY 210	Behavior Modification	 	 		 	 	
PSY 220	Human Development & Learning	 	 		 	 	
PSY 240	Drugs, Society & Human Behavior	 	 		 	 	
PSY 251	Education of Exceptional Children	 	 		 	 	
PSY 257	Abnormal Psychology	 	  	 	 	  	 
PSY 296	Neuropsychology of Addiction			-----			-----
PSY 297	Assessment of Co-Occurring Disorders			-----			-----
PSY 298	Treatment of Addiction			-----			-----
SOC 100	Principles of Sociology	  	  	 	  	  	 
SOC 202	Criminology			-----			-----
SOC 205	Race & Ethnic Relations	  	  	 	  	  	 
SOC 207	Social Problems	 	 		 	 	

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Behavioral Sciences

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
SOC 220	Group Dynamics & Counseling	☀ ☾	☀ ☾	-----	☀ ☾	☀ ☾	-----
SOC 225	Family Social Work	☀	☀ ☾	☀	☀	☀ ☾	☀
SOC 250	Juvenile Delinquency	☀	☀	-----	☀	☀	-----

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Communication, Media & Theatre Arts

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
COM 101	Fundamentals of Speaking	  	  	  	  	  	  
COM 102	Interpersonal Communication	  	  	 	  	  	 
COM 130	Introduction to Mass Communication	 	 		 	 	
COM 142	Oral Interpretation of Literature	-----		-----	-----		-----
COM 150	Introduction to Radio Production			-----			-----
COM 155	Scriptwriting for Broadcast Arts		-----	-----		-----	-----
COM 160	Voice & Articulation	-----		-----	-----		-----
COM 170	Advanced Radio Production	-----		-----	-----		-----
COM 183	Persuasion			-----			-----
COM 200	Family Communication	 	 		 	 	
COM 210	Nonverbal Communication			-----			-----
COM 225	Intercultural Communication	 	 		 	 	
COM 235	Broadcast Arts Practicum	-----	-----		-----	-----	
COM 240	Broadcast Arts Internship						
DRA 152	Acting I			-----			-----
DRA 180	Theatre Appreciation			-----			-----
DRA 204	Improviseational Acting I			-----			-----
DRA 208	Acting II			-----			-----
DRA 211	Improviseational Acting II			-----			-----
FLM 120	Introduction to Film	 	 	 	 	 	 
FLM 150	International Cinema						
FLM 160	American Film						
FLM 185	The Horror Film	 	 		 	 	

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English and College Readiness

COUSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
ACS 095	Student Success Seminar						
ACS 107	College Reading & Study Strategies	  	  	 	  	  	 
ACS 108	Critical Reading & Thinking	  	  	 	  	  	 
ACS 111	College Success Seminar						
ACS 122	Career Decision Making						
ACS 123	Information Literacy						
ACS 151	Academic & Career Success						
ENG 000	Writing Center	   MD	   MD	   MD	   MD	   MD	   MD
ENG 050	Basic Writing I	 	 		 	 	
ENG 051	Basic Writing II	 	 		 	 	
ENG 075	Basic College Reading & Writing		-----	-----		-----	-----
ENG 090	Writing Fundamentals I	 	 	 	 	 	 
ENG 091	Writing Fundamentals II	 	 	 	 	 	 
ENG 100	Introduction to Technical & Workplace Writing						
ENG 107	Technical Writing Fundamentals						
ENG 111	Composition I						
ENG 140	Horror & Science Fiction	 	 		 	 	
ENG 160	Introduction to Literature: Poetry & Drama	-----		-----	-----		-----
ENG 170	Introduction to Literature: Short Story & Novel	 	 		 	 	
ENG 181	African-American Literature	 	 		 	 	
ENG 200	Shakespeare						
ENG 208	Technical Writing: Print Delivery	-----		-----	-----		-----
ENG 209	Technical Writing: Online Delivery		-----	-----		-----	-----
ENG 214	Literature Non-Western World						
ENG 218	Technical Writing for eLearning	-----		-----	-----		-----

Learning Options:

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English and College Readiness

ENG 226	Composition II	   MD	   MD	  MD	   MD	   MD	  MD
ENG 240	Children's Literature	 	 		 	 	
ENG 242	Diverse Children's Literature	 	 	 	 	 	 
ENG 245	Job Search Success Seminar		----	----		----	----
ENG 270	Creative Writing I	 	 	 	 	 	 
ENG 271	Creative Writing II	 	 	 	 	 	 
ESL 023	High Beginning ESL Reading & Writing						
ESL 024	High Beginning ESL Grammar & Communion						
ESL 025	High Beginning ESL Listening & Speaking			----			----
ESL 128	Low Intermediate ESL Reading & Writing						
ESL 132	Intermediate ESL Grammar						
ESL 134	Intermediate ESL Reading						
ESL 135	English Listening, Pronunciation & Conversation			----			----
ESL 138	Intermediate ESL Writing						
ESL 161	Advanced ESL Grammar						
ESL 165	Advanced ESL Speaking, Listening & Pronunciation			----			----
ESL 168	Advanced ESL Writing			----			----
JRN 111	Introduction to Journalism			----			----
JRN 210	Introduction to Copy Editing	----		----	----		----
JRN 217	Introduction to Feature Writing		----	----		----	----
JRN 220	Introduction to Digital Journalism	----		----	----		----

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Social Sciences

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
ANT 201	Introduction to Cultural Anthropology	  	  	  	  	  	  
ANT 202	Introduction to Physical Anthropology						
ANT 205	Introduction to Archaeology						
ANT 245	Biological Anthropology			-----			-----
ANT 265	Introduction to Forensic Anthropology						
ANT 290	International Studies in Anthropology	-----	-----		-----	-----	-----
ECO 110	Introduction to Economics						
ECO 211	Principles of Economics I	  	  	  	  	  	  
ECO 222	Principles of Economics II	  	  	  	  	  	  
ECO 280	International Trade & Globalization	-----		-----	-----		-----
GEO 101	World Regional Geography	 	 	 	 	 	 
HST 108	The Ancient & Medieval World	 	 		 	 	
HST 109	The Early Modern World			-----			-----
HST 121	Ancient & Medieval Europe	 	 		 	 	
HST 122	Early Modern Europe						
HST 123	The Twentieth Century						
HST 150	African American History						
HST 200	Michigan History			-----			-----
HST 201	United States History to 1877	  	  	  	  	  	  
HST 202	United States History since 1877	  	  	  	  	  	  
HST 215	History of U.S. Foreign Relations	-----	-----	-----	-----		-----
HST 216	U.S. Military History		-----	-----	-----	-----	-----
HST 220	The Civil War Era, 1845-1877			-----			-----
HST 225	World War II			-----			-----
HST 230	History of the Holocaust		-----	-----		-----	-----

Learning Options:

- ☀ Day Course
- ☾ Evening Course
- 💻 Online Course
- MD Mixed Mode Day Course
- ME Mixed Mode Evening Course
- Not Being Offered

**2022-2023
COURSE OFFERING
GUIDE**
**2023-2024
COURSE OFFERING
GUIDE**
Social Sciences

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
HST 251	War in the Modern World, 1500 to Present	----	----	----	☾	----	----
HST 260	History of England to 1688	----	☀	----	----	☀	----
HST 290	International Studies in History	----	----	☀	----	----	----
PLS 112	Introduction to American Government	☀ ☾ 💻	☀ ☾ 💻	☀ 💻	☀ ☾ 💻	☀ ☾ 💻	☀ 💻
PLS 220	Politics & the Media	----	----	----	----	☀	----
PLS 241	Guns, God & Ganja: United States Federalism	☀	☀	☀	☀	☀	☀

Learning Options:

- ☀ Day Course
- ☾ Evening Course
- 💻 Online Course
- MD Mixed Mode Day Course
- ME Mixed Mode Evening Course
- Not Being Offered

**2022-2023
COURSE OFFERING
GUIDE**
**2023-2024
COURSE OFFERING
GUIDE**
Chemistry

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
CEM 101	Introductory Chemistry	☀ ☾ MD ME	☀ ☾ MD ME	☀ MD	☀ ☾ MD ME	☀ ☾ MD ME	☀ MD
CEM 105	Fundamentals of Chemistry	☀ ☾	☀ ☾	☾	☀ ☾	☀ ☾	☾
CEM 111	General Chemistry I & Lab	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾
CEM 122	General Chemistry II & Lab	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾
CEM 140	Organic Biochemistry & Lab	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾	☀ ☾
CEM 211	Organic Chemistry I	☀	☀	☀	☀	☀	☀
CEM 222	Organic Chemistry II & Lab	☀	☀	☀	☀	☀	☀

Learning Options:

-  Day Course
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-  Online Course
- MD Mixed Mode Day Course
- ME Mixed Mode Evening Course
- Not Being Offered

**2022-2023
COURSE OFFERING
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**2023-2024
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Life Sciences

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
BIO 101	Concepts of Biology & Lab	  MD ME	  MD ME	  MD ME	  MD ME	  MD ME	  MD ME
BIO 102	Human Biology & Lab	 	 		 	 	
BIO 104	Biology of Exercise						
BIO 107	Introduction to Field Biology		----	-----		-----	-----
BIO 109	Essentials of Human Anatomy & Physiology	 			 		
BIO 110	Introduction to Exercise Science	ME	MD	-----	ME	MD	-----
BIO 111	Anatomy & Physiology: Normal Structure & Function	  MD ME	  MD ME	  ME	  MD ME	  MD ME	  ME
BIO 147	Hospital Microbiology	  	  	 	  	  	 
BIO 161	General Biology I: Ecology & Evolution	 	 	-----	 	 	-----
BIO 162	General Biology II: Cells & Molecules	 	 	-----	 	 	-----
BIO 199	Anatomical Studies			-----			-----
BIO 201	Physiology of Exercise & Lab		-----	-----		-----	-----
BIO 208	Genetics & Lab	ME	MD	-----	ME	MD	-----
BIO 212	Pathophysiology: Alterations in Structures & Function	  ME	  ME	  	  ME	  ME	  
BIO 215	Cell & Molecular Biology	-----		-----	-----		-----
BIO 225	Tests & Measurements in Exercise Science	-----		-----	-----		-----
BIO 227	Biology of Animals & Lab	-----		-----	-----		-----
BIO 237	Microbiology & Lab	 	 	 	 	 	 

Learning Options:

-  Day Course
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-  Online Course
- MD Mixed Mode Day Course
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- Not Being Offered

**2022-2023
COURSE OFFERING
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**2023-2024
COURSE OFFERING
GUIDE**
Mathematics

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
EGT 100	Introduction to Product Design		-----	-----		-----	-----
EGT 125	Advanced Engineering Design Technology			-----			-----
EGT 150	Engineering Design Technology Material Science	-----			-----		
EGT 175	Engineering Design Technology Material Processing	-----			-----		
MTH 067	Foundations of Mathematics	 	 	 	 	 	 
MTH 097	Foundations of Algebra	 	 	 	 	 	 
MTH 099	Math Placement Acceleration Lab (PAL)						
MTH 125	Everyday College Math	  	  	  	  	  	  
MTH 148	Functional Math for Elementary Teachers I						
MTH 149	Functional Math for Elementary Teachers II	-----			-----		
MTH 160	Basic Statistics	  	  	  	  	  	  
MTH 167	Math Applications for Health Science			-----			-----
MTH 169	Intermediate Algebra	  	  	  	  	  	  
MTH 176	College Algebra	  	  	  	  	  	  
MTH 178	General Trigonometry	 	 		 	 	
MTH 180	Precalculus	  	  	  	  	  	  
MTH 191	Calculus I	  	  	  	  	  	  
MTH 192	Calculus II	  	  	  	  	  	  
MTH 197	Linear Algebra	 	 	 	 	 	 
MTH 293	Calculus III	  	  	  	  	  	  
MTH 295	Differential Equations	 	 	 	 	 	 

Learning Options:

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-  Evening Course
-  Online Course
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- ME Mixed Mode Evening Course
- Not Being Offered

2022-2023 COURSE OFFERING GUIDE

2023-2024 COURSE OFFERING GUIDE

Physical Sciences

COURSE	COURSE TITLE	FALL 2022	WINTER 2023	SP/SU 2023	FALL 2023	WINTER 2024	SP/SU 2024
AST 111	General Astronomy	  	  	 	  	  	 
ENV 101	Environmental Science I & Lab	   MD	   MD		   MD	   MD	
ENV 105	Introduction to Environmental & Society	  	  		  	  	
ENV 174	ENV Co-op Education I (*See Faculty Advisor)	*	*	*	*	*	*
ENV 189	ENV Study Problems (*See Faculty Advisor)	*	*	*	*	*	*
ENV 199	ENV Internship Education (*See Faculty Advisor)	*	*	*	*	*	*
GLG 100	Introduction to Earth Science & Lab	   MD	   MD	 	   MD	   MD	 
GLG 103	Field Geology						
GLG 104	Weather & Lab		 MD		 MD	 MD	
GLG 110	Geology of the National Parks & Monuments						
GLG 114	Physical Geology & Lab	  MD	  MD		  MD	  MD	
GLG 125	The Earth Through Time						
GLG 276	Principles of Geographic Information Systems						
PHY 100	Physics for Elementary Teacher			-----			-----
PHY 105	Conceptual Physics & Lab	 	 		 	 	
PHY 111	General Physics I & Lab	 	 	 	 	 	 
PHY 122	General Physics II & Lab	 	 	 	 	 	 
PHY 211	Analytical Physics I & Lab	 	 	 	 	 	 
PHY 222	Analytical Physics II & Lab	 	 	 	 	 	 
SCI 101	The Nature of Science						