

Business Leadership (cont'd)**11th Grade**

Practicum Business Leadership Semester 1 6705 PEIMS # 13012200 6706 PEIMS # 13012200	½ cr ½ cr	BMGT 2309 Leadership BMGT 2303 Problem Solving & Decision Making	3 hrs 3 hrs
Practicum Business Leadership Semester 2 6707 PEIMS # 13012200 6703 PEIMS # 13011510	½ cr ½ cr	BMGT 2310 Financial Management HRPO 2301 Human Resource Management	3 hrs 3 hrs
Art Appreciation Semester 2 4591 PEIMS # 03500110	½ cr	ARTS 1301 Art Appreciation	3 hrs
Music Appreciation Semester 2 4653 PEIMS # 03152600	½ cr	MUSI 1306 Music Appreciation	3 hrs

12th Grade

US Government Semester 1 2025 PEIMS # 03330100	½ cr	GOVT 2305 Federal Government	3 hrs
Economics Semester 2 2536 PEIMS # 03310300	½ cr	ECON 2301 Principles of Macroeconomics	3 hrs
Technical Writing Semester 1 6790 PEIMS # 03221100	½ cr	ENGL 2311 Technical & Business Writing	3 hrs
Independent Studies in Math Semester 1 2491 PEIMS# 03102500	½ cr	MATH 1332 Contemporary Math	3 hrs
Extended Practicum Business Leadership Semester 1 6710 PEIMS # 13012215 6712 PEIMS # 13012215 6709 PEIMS # 13012215 6865 PEIMS # 13012215	½ cr ½ cr ½ cr ½ cr	BMGT 1344 Negotiation and Conflict Management MRKG 1311 Principles of Marketing BMGT 1327 Principles of Management BMGT 1311 Change Management	3 hrs 3 hrs 3 hrs 3 hrs
Extended Practicum Business Leadership Semester 2 6711 PEIMS #13012215	1 ½ cr	BMGT 2388 Internship Business Management	3 hrs

INSTRUMENTATION & ELECTRONICS TECHNOLOGY (Energy Tech)**9th Grade**

PE Foundations of Personal Fitness Semester 1 6794 PEIMS # PES00052	½ cr	KINE 1106 Jogging/Walking	1 hr
PE Foundations of Personal Fitness Semester 2 6795 PEIMS # PES00052	½ cr	KINE 1164 Intro to Physical Fitness/Sport	1 hr
AC/DC Theory Semester 1 8598 PEIMS # 13036800	1 cr	CETT 1409 DC-AC Circuits	4 hrs
DC Circuits Semester 2 6743 PEIMS # N1303765	1 cr	EEIR 1409 National Electrical Code	4 hrs

10th Grade

BIM I Semester 1 8642 PEIMS # 13011400	½ cr	BCIS 1305 Business Computer Applications	3 hrs
Professional Communications (Speech) Semester 2 6800 PEIMS # 13009900	½ cr	SPCH 1321 Business & Professional Speech	3 hrs
Solid State Electronics Semester 1 6744 PEIMS # 13036900	1 cr	ELPT 1455 Electronic Applications	4 hrs
Digital Electronics Semester 2 6745 PEIMS # 13037600	1 cr	IEIR 1410 Motor Controls	4 hrs

11th Grade

Extended Practicum STEM 1 Semester 1 6767 PEIMS # 13037405	1 cr	ELPT 2419 Program Logic Controllers I	4 hrs
6749 PEIMS # 13017405	½ cr	PTAC 1432 Process Instrumentation I	4 hrs
Extended Practicum STEM 1 Semester 2 6748 PEIMS # 13037405	1 cr	ELMT 2339 Advanced Programmable Logic Controllers	4 hrs
6746 PEIMS # 13037405	½ cr	ELMT 2433 Industrial Electronics	4 hrs

ENERGY TECH (cont'd)**12th Grade**

Independent Studies in Math Semester 1 2491 PEIMS# 03102500 ½ cr	MATH 1332 Contemporary Math 3 hrs
Economics Semester 2 2536 PEIMS # 03310300 ½ cr	ECON 2301 Principles of Macroeconomics 3 hrs
Art Appreciation Semester 1 4591 PEIMS # 03500110 ½ cr	ARTS 1301 Art Appreciation 3 hrs
Music Appreciation Semester 2 4653 PEIMS # 03152600 ½ cr	MUSI 1306 Music Appreciation 3 hrs
Extended Practicum STEM 2 Semester 1 6751 PEIMS # 13037415 6750 PEIMS # 13037415 ½ cr 1 cr	PTAC 2436 Process Instrumentation II 4 hrs INTC 1356 Instrumentation Calibration 3 hrs
Extended Practicum STEM 2 Semester 2 6753 PEIMS # 13037415 6752 PEIMS # 13037415 ½ cr 1 cr	INMT 1417 Industrial Automation 4 hrs CETT 1391 Special Topics in Computer Engineering 3 hrs

PRECISION MANUFACTURING**9th Grade**

PE Foundations of Personal Fitness Semester 1 6794 PEIMS # PES00052 ½ cr	KINE 1106 Jogging/Walking 1 hr
PE Foundations of Personal Fitness Semester 2 6795 PEIMS # PES00052 ½ cr	KINE 1164 Intro to Physical Fitness/Sport 1 hr
Metal Fabrication and Machining I Semester 1 6776 PEIMS # 13032700 1 cr	MCHN 1438 Basic Machine Shop I 4 hrs
Metal Fabrication and Machining I Semester 2 6871 PEIMS # 13032700 1 cr	MCHN 1413 Basic Milling Operations 4 hrs

PRECISION MANUFACTURING (cont'd)**10th Grade**

BIM I Semester 1 8642 PEIMS # 13011400 ½ cr	BCIS 1305 Business Computer Applications 3 hrs
Professional Communications (Speech) Semester 2 6800 PEIMS # 13009900 ½ cr	SPCH 1321 Business & Professional Speech 3 hrs
Metal Fabrication and Machining 2 Semester 1 6770 PEIMS # 13032800 1 cr	MCHN 1441 Basic Machine Shop II 4 hrs
Metal Fabrication and Machining 2 Semester 2 6771 PEIMS # 13032800 1 cr	MCHN 2437 Advanced Milling Operations 4 hrs

11th Grade

Art Appreciation Semester 1 4591 PEIMS # 03500110 ½ cr	ARTS 1301 Art Appreciation 3 hrs
Music Appreciation Semester 2 4653 PEIMS # 03152600 ½ cr	MUSI 1306 Music Appreciation 3 hrs
Extended Practicum Machining 1 Semester 1 6756 PEIMS # 13001100 ½ cr 6772 PEIMS # 13033005 1 cr	OSHT 1309 Physical Hazard Controls 4 hrs MCHN 2403 Fund of CNC Machine Controls 4 hrs
Extended Practicum Machining 1 Semester 2 6773 PEIMS # 13033005 1 cr 6774 PEIMS # 13033005 ½ cr	MCHN 2434 Operations of CNC Mach Center 4 hrs WLDG 1421 Welding Fundamentals 4 hrs

12th Grade

Art Appreciation Semester 1 4591 PEIMS # 03500110 ½ cr	ARTS 1301 Art Appreciation 3 hrs
Music Appreciation Semester 2 4563 PEIMS # 03155600 ½ cr	MUSI 1306 Music Appreciation 3 hrs

PRECISION MANUFACTURING (cont'd)**12th grade**

Economics Semester 2 2536 PEIMS # 03310300 ½ cr	ECON 2301 Principles of Macroeconomics 3 hrs
Independent Studies in Math Semester 1 2491 PEIMS# 03102500 ½ cr	MATH 1332 Contemporary Math 3 hrs
Technical Writing Semester 2 6790 PEIMS # 03221100 ½ cr	ENGL 2311 Technical & Business Writing 3 hrs
Extended Practicum Machining 2 Semester 1 6870 PEIMS # 13033015 1 ½ cr	MCHN 2433 Advanced Lathe Operations 4 hrs
Extended Practicum Machining 2 Semester 2 6869 PEIMS # 13033015 1 ½ cr	MCHN 2386 Internship 4 hrs

OCCUPATIONAL SAFETY & ENVIRONMENTAL TECHNOLOGY (OSET)**9th Grade**

PE Foundations of Personal Fitness Semester 1 6794 PEIMS # PES00052 ½ cr	KINE 1164 Intro to Fitness & Wellness 1 hr
PE Foundations of Personal Fitness Semester 2 6795 PEIMS # PES00052 ½ cr	KINE 1106 Jogging and Walking 1 hr
Energy and Natural Resources Semester 2 6756 PEIMS #13001100 ½ cr	OSHT 1309 Physical Hazards Control 3 hrs
OSET I Semester 1 6754 PEIMS # N1303680 ½ cr	OSHT Introduction to Safety & Health 3 hrs

10th Grade

OSET II Semester 2 6759 PEIMS # N1303681 6758 PEIMS # N1303681 ½ cr ½ cr	OSHT 2401 OSHA Regs-General Industry OSHT 1316 Material Handling 3 hrs 3 hrs
Environmental Science Semester 1 6755 PEIMS # N1303680 6757 PEIMS # 13001100 ½ cr ½ cr	OSHT 1313 Accident Prevention, Inspection, etc. OSHT 1320 Energy Industrial Safety 3 hrs 3 hrs

11th Grade

Professional Communication (Speech) Semester 2 6800 PEIMS # 13009900 ½ cr	SPCH 1321 Business & Professional Speech 3 hrs
Art Appreciation Semester 2 4591 PEIMS # 03500110 ½ cr	ARTS 1301 Art Appreciation 3 hrs
Music Appreciation Semester 2 4653 PEIMS # 03152600 ½ cr	MUSI 1306 Music Appreciation 3 hrs
OSET III Semester 2 6763 PEIMS # N1303682 6762 PEIMS # N1303682 8583 PEIMS # N1303682 ½ cr ½ cr ½ cr	OSHT 2309 Safety Program Management OSHT 2305 Ergonomics and Human Factors in Safety BIOL 1408 Biology for Non-Science Majors 3 hrs 3 hrs 4 hrs
OSET III Semester 1 6760 PEIMS # 03020000 6761 PEIMS # 03020000 ½ cr ½ cr	EPCT 2300 Dept of Transportation (DOT) Regs EPCT 1349 Environmental Regulations 3 hrs 3 hrs

12th Grade

Economics Semester 2 2536 PEIMS # 3310300 ½ cr	ECON 2301 Principles of Macroeconomics 3 hrs
Technical Writing Semester 1 6790 PEIMS # 03221100 ½ cr	ENGL 2311 Technical & Business Writing 3 hrs
Independent Studies in Math Semester 1 2491 PEIMS# 03102500 ½ cr	MATH 1332 Contemporary Math 3 hrs
Extended Practicum OSET 1 Semester 1 6765 PEIMS # N1303682 6766 PEIMS # 13033005 ½ cr ½ cr	EPCT 1344 Environmental Sampling OSHT 2337 Advanced Risk Management 3 hrs 3 hrs
Extended Practicum OSET 1 Semester 2 6767 PEIMS # 13033005 6768 PEIMS # 13033005 ½ cr 1½ cr	EPCT 2331 Industrial Hygiene Applications OSHT 2488 Internship 3 hrs 4 hrs

WELDING TECHNOLOGY**9th Grade**

PE Foundations of Personal Fitness Semester 1 6794 PEIMS # PES00052	½ cr	KINE 1106 Jogging/Walking	1 hr
PE Foundations of Personal Fitness Semester 2 6795 PEIMS # PES00052	½ cr	KINE 1164 Intro to Physical Fitness/Sport	1 hr
Welding 1 Semester 1 8660 PEIMS # 13032300	1 cr	WLDG 1421 Introduction to Welding	4 hrs
Welding 1 Semester 2 8660 PEIMS # 13032300	1 cr	WLDG 1417 Intro to Layout Fabrication	4 hrs

10th Grade

Art Appreciation Semester 1 4591 PEIMS # 03500110	½ cr	ARTS 1301 Art Appreciation	3 hrs
Music Appreciation Semester 2 4653 PEIMS # 03152600	½ cr	MUSI 1306 Music Appreciation	3 hrs
Welding 2 Semester 1 8661 PEIMS # 13032400	1 cr	WLDG 1430 Intro to Gas Metal Arc Welding	4 hrs
Welding 2 Semester 2 8661 PEIMS # 13032400	1 cr	WLDG 1434 Intro to Gas Tungs Arc (GTAW)	4 hrs

11th Grade

Student Leadership Semester 1 6705 PEIMS # 13012200	½ cr	BMGT 2309 Leadership	3
Professional Communications (Speech) Semester 1 6800 PEIMS # 13009900	½ cr	SPCH 1321 Business & Professional Speech	3 hrs
Extended Practicum Welding I Semester 1 6775 PEIMS # 13033005	1 cr	WLDG 1435 Intro to Pipe Welding	4 hrs
Extended Practicum Welding I Semester 2 6776 PEIMS # 13033005 6777 PEIMS # 13033005	1 cr 1 cr	MCHN 1438 Basic Machine Shop I WLDG 2413 Intermediate Welding using Multiple Processes	4 hrs 4 hrs

WELDING (cont'd)**12th Grade**

Economics Semester 2 2536 PEIMS # 3310300 ½ cr	ECON 2301 Principles of Macroeconomics 3 hrs
Independent Studies in Math Semester 1 2491 PEIMS# 03102500 ½ cr	MATH 1332 Contemporary Math 3 hrs
Extended Practicum Welding II Semester 1 6778 PEIMS # 13033015 6779 PEIMS # 13033015 ½ cr ½ cr	WLDG 2451 Advanced Gas Tungsten Arc Welding WLDG 2435 Adv. Layout & Fabrication 3 hrs 4 hrs
Practicum Welding II Semester 2 6780 PEIMS # 13033015 6781 PEIMS # 13033015 ½ cr 1½ cr	WLDG 1337 Intro to Metallurgy WLDG 2388 Welding Internship 3 hrs 3 hrs

CRIMINAL JUSTICE**9th Grade**

PE Foundations of Personal Fitness Semester 1 6794 PEIMS # PES000052 ½ cr	KINE 1106 Jogging/Walking 1 hr
PE Foundations of Personal Fitness Semester 2 6795 PEIMS # PES00052 ½ cr	KINE 1164 Intro to Physical Fitness/Sport 1 hr
Criminal Justice I Semester 1 6713 PEIMS #13029300 1 cr	CRIJ 1301 Introduction to Criminal Justice 3 hrs
Court Systems and Practices Semester 2 6714 PEIMS # 13029600 1 cr	CRIJ 1306 Court Systems and Practices 3 hrs

10th Grade

Criminal Justice II Semester 1 6715 PEIMS # 13029400 6716 PEIMS # 13029400 ½ cr ½ cr	CRIJ 1307 Crime in America CJCR 1304 Probation and Parole 3 hrs 3 hrs
Criminal Investigations Semester 2 6717 PEIMS # 13029550 6718 PEIMS # 13029550 ½ cr ½ cr	CRIJ 1313 Juvenile Justice System CJSA 1348 Ethics in Criminal Justice 3 hrs 3 hrs

CRIMINAL JUSTICE (cont'd)**11th Grade**

Professional Communications (Speech) Semester 1 6800 PEIMS # 13009900	½ cr	SPCH 1321 Business & Professional Speech	3 hrs
Extended Practicum Criminal Justice 1 Semester 1 6719 PEIMS # 13030105 6720 PEIMS # 13030105	½ cr ½ cr	CRIJ 1310 Fundamentals of Criminal Law CRIJ 2313 Correctional Systems & Practices	3 hrs 3 hrs
Extended Practicum Criminal Justice 1 Semester 2 6721 PEIMS # 13030105 6722 PEIMS # 13030105 6723 PEIMS # 13030105	½ cr ½ cr ½ cr	CJLE 1327 Interviewing and Report Writing for Criminal Justice CRIJ 2314 Criminal Investigation CJLE 1346 Human Trafficking	3 hrs 3 hrs 3 hrs
English 3 D Semester 1 6798 PEIMS # 03220300	½ cr	ENGL 1301 Composition I	3 hrs
Art Appreciation Semester 1 4591 PEIMS # 03500110	½ cr	ARTS 1301 Art Appreciation	3 hrs
Music Appreciation Semester 2 4653 PEIMS # 03155600	½ cr	MUSI 1306 Music Appreciation	3 hrs

12th Grade

Technical Writing Semester 2 6790 PEIMS # 03221100	½ cr	ENGL 2311 Technical & Business Writing	3 hrs
Independent Studies in Math Semester 1 2491 PEIMS# 03102500	½ cr	MATH 1332 Contemporary Math	3 hrs
Economics Semester 2 2536 PEIMS # 03310300	½ cr	ECON 2301 Principles of Macroeconomics	3 hrs
U.S. Government Semester 1 2025 PEIMS # 03330100	½ cr	GOVT 2305 Federal Government	3 hrs
Extended Practicum Criminal Justice Semester 1 6724 PEIMS # 13030115 6725 PEIMS # 13030115 6726 PEIMS # 13030115	½ cr ½ cr ½ cr	HMSY 1337 Introduction to Homeland Security CRIJ 2328 Police Systems and Practices CJSA 1330 Cybercrimes	3.hrs 3 hrs 3 hrs
Extended Practicum Criminal Justice Semester 2 6727 PEIMS # 13030115	1 ½ cr	CJLE 2386 Internship – Criminal Justice	3 hrs

CULINARY ARTS**9th Grade**

PE Foundations of Personal Fitness Semester 1 6794 PEIMS # PES000052	½ cr	KINE 1106 Jogging/Walking	1 hr
PE Foundations of Personal Fitness Semester 2 6795 PEIMS # PES000052	½ cr	KINE 1164 Intro to Physical Fitness/Sport	1 hr
Culinary Arts 1 Semester 1 6728 PEIMS# 13022600 6729 PEIMS #13022600	½ cr ½ cr	CHEF 1305 Sanitation and Safety CHEF 1301 Basic Food Prep	2 hrs 3 hrs
Culinary Arts 1 Semester 2 6730 PEIMS # 13022600 6731 PEIMS # 13022600	½ cr ½ cr	PSTR 1301 Fundamentals of Baking IFWA 1318 Nutrition for Food Service Professionals	3 hrs 3 hrs 3 hrs

10th Grade

Advanced Culinary Arts Semester 1 6735 PEIMS # 13022650 6733 PEIMS # 13022650	½ cr ½ cr	CHEF 2301 Intermediate Food Prep RSTO 1321 Menu Management	3 hrs 3 hrs
Advanced Culinary Arts Semester 2 6739 PEIMS# 13022905 6734 PEIMS #13022650	½ cr ½ cr	CHEF 2331 Advanced Food Prep RSTO 1325 Purchasing for Hospitality	3 hrs 3 h
Art Appreciation Semester 1 4591 PEIMS # 03500110	½ cr	ARTS 1301 Art Appreciation	3 hrs
Music Appreciation Semester 1 4653 PEIMS # 03155600	½ cr	MUSI 1306 Music Appreciation	3 hrs

CULINARY ARTS (cont'd)**11th Grade**

English 3 Semester 2 6798 PEIMS # 03220300	½ cr	ENGL 1301 Composition I	3 hrs
Professional Communications (Speech) Semester 1 6800 PEIMS # 13009900	½ cr	SPCH 1321 Business & Professional Speech	3 hrs
Extended Practicum Culinary Arts 1 Semester 1 6736 PEIMS # 13022905 6737 PEIMS # 13022905	½ cr ½ cr	CHEF 1340 Meat Preparation and Cooking RSTO 1313 Hospitality Supervision	3 hrs 3 hrs
Extended Practicum Culinary Arts 1 Semester 2 6741 PEIMS # 13022705 6732 PEIMS # 13022650	1 cr ½ cr	RSTO 1304 Dining Room Service CHEF 1310 Garde Manger	3 hrs 3 hrs

12th Grade

Economics Semester 2 2536 PEIMS # 03310300	½ cr	ECON 2301 Principles of Macroeconomics	3 hrs
Independent Studies in Math Semester 1 2491 PEIMS# 03102500	½ cr	MATH 1332 Contemporary Math	3 hrs
Technical Writing Semester 1 6790 PEIMS # 03221100	½ cr	ENGL 2311 Technical & Business Writing	3 hrs
Extended Practicum Culinary Arts 2 Semester 1 6740 PEIMS # 13022915 6738 PEIMS # 13022905	½ cr 1 cr	CHEF 1314 A La Carte Cooking PSTR 2331 Advanced Pastry Shop	2 hrs 3 hrs
Extended Practicum Culinary Arts 2 Semester 2 6742 PEIMS # 13022715	1½ cr	RSTO 2386 Internship	3 hrs