

Catalog 21-22 Addendum

6/23/21

BUSN 156 Business Technology Applications 4-0-4

This course covers the use of computers and business software to solve a variety of business related problems. Emphasis is placed on using the computer as a management tool. Students will gain exposure to using and integrating word processing, spreadsheet, database, and presentation software packages for the business setting. The course will help to prepare for Microsoft Office certification exams.

PARM 135 Paramedic Clinicals I 0-4-2

The clinical sections of the Paramedic Program provide students with real world patient experiences of all age groups in the varied nature of ill and injured patients in a supervised hospital or ambulance setting. Provides for observation and participation in practical exercises in each of the following clinical settings: Emergency Department; Intensive Care Unit; Coronary Care Unit; and Surgical Department. Other clinical participation may be arranged by Program Coordinator and EMS Educator. Placement in clinical areas is dependent on access to and approval by the host facility and Paramedicine Program Coordinator. Students will participate in assigned clinical time each month which may include day, evening, night, and weekend shifts so that the student will receive education and experience that closely simulates actual prehospital care functions. This is a 1 semester course. Prerequisite: Current American Heart Association (AHA) BLS Provider certification, current Illinois EMT license, and completion of PARM 120, PARM 125, PARM 132, and PARM 150 with the grade of 80% or better, or with the permission of the Paramedicine Coordinator.

PARM 145 Paramedic Clinicals II 0-4-2

The clinical sections of the Paramedic Program provide students with real world patient experiences of all age groups in the varied nature of ill and injured patients in a supervised hospital or ambulance setting. Provides for observation and participation in practical exercises in each of the following clinical settings: Emergency Department; Intensive Care Unit; Coronary Care Unit; Surgical Department; Critical Care Unit; Pediatric Care Unit; Psychiatric/Behavioral Unit; and Obstetrical Unit. Other clinical participation may be arranged by Program Coordinator and EMS Educator. Placement in clinical areas is dependent on access to and approval by the host facility and Paramedicine Program Coordinator. Students will participate in assigned clinical time each month which may include day, evening, night, and weekend shifts so that the student will receive education and experience that closely simulates actual prehospital care functions. This is a 1 semester course. Prerequisite: Current American Heart Association (AHA) BLS Provider certification, current Illinois EMT license, and completion of PARM 135 with the grade of 80% or better, or with the permission of the Paramedicine Coordinator.

PARM 160 Paramedic Clinicals III 0-4-2

The clinical sections of the Paramedic Program provide students with real world patient experiences of all age groups in the varied nature of ill and injured patients in a supervised hospital or ambulance setting. Provides for observation and participation in practical exercises in each of the following clinical settings: All healthcare/patient care environments (hospital and clinic setting). Other clinical participation may be arranged by Program Coordinator and EMS Educator. Placement in clinical areas is dependent on access to and approval by the host facility and Paramedicine Program Coordinator. Students will participate in assigned clinical time each month which may include day, evening, night, and weekend shifts so that the student will receive education and experience that closely simulates actual prehospital care functions. This is a 1 semester course. Prerequisites: Current American Heart Association (AHA) BLS Provider certification, current Illinois EMT license, and completion of PARM 135 with the grade of 80% or better, or with the permission of the Paramedicine Coordinator.

INDUSTRIAL TECHNOLOGY

INDE.0530.DEGR

FIRST SEMESTER

INDT 105	D.C. Fundamentals	3
TECM 110	Technical Mathematics (or higher level math)	3-4
DFTG 122	CAD – Theory and Practice I OR	
DFTG 202	Inventor	3-4
INDT 111	Industrial Safety (Area D elective)	2
OFTC 108	Introduction to Keyboarding (Area D Elective)	1
DFTG 118	Manufacturing Processes	3
INDT 130	Basic Air Conditioning and Refrigeration	1
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SECOND SEMESTER

INDT 106	A.C. Fundamentals	3
INDT 112	Basic Digital	3
INDT 220	Solid State	3
ENGL 101	English Composition	3
INDT 132	Introduction to CNC	3
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THIRD SEMESTER

INDT 120	Drives and Motors	3
INDT 110	Fluid Power	3
DFTG 129	Blueprint Reading Machine Trades	3
INDT 221	Industrial Wiring	3
PSYH 101	Psychology OR	
SOCO 101	Sociology	3
	Area C Elective	3
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FOURTH SEMESTER

WELD 189	Industrial Welding	3
INDT 211	Industrial Troubleshooting & Repair	3

INDT 280	Program. Control Concepts & Appl.	3
INDT 190	Industrial Robotics.	3
PHLE 119	Core Values and Ethical Decision Making	1
	Area B Elective	3
INDT 270	Electrical Safety 70E	2
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INDT.0530.DEGR Minimum required credit hours for degree: 67

AUTOMOTIVE PARTS SPECIALIST

AUPM.0530.CERT

FIRST SEMESTER

AUTO 111	Safety and Shop Procedures	1
AUTO 119	Automotive Fundamentals and Service	3
AUPM 120	Automotive Parts Management	4
BUSN 103	Introduction to Business	3
CITA 151	Intro to Computer Applications	4
TECM 110	Technical Mathematic OR	
BUSN 149	Business Mathematics	4-3
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		18-19

AUPM.0530.CERT Minimum required credit hours for certificate: 18

PARAMEDICINE

PARM.0100.DEGR

FIRST SEMESTER

PARM 120	Paramedic Preparatory	3
PARM 125	Airway Management & Pulmonary	3
PARM 132	Patient Assessment	3
PARM 150	Pharmacology & IV Access	3
BIOL 121	Anatomy & Physiology	4
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SECOND SEMESTER

PARM 260	Advanced EMS Operations	4
PARM 245	Trauma Emergencies	5
BIOL 122	Anatomy and Physiology	4
PARM 135	Paramedic Clinicals I	2
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SUMMER SEMESTER

PARM 200	Medical Emergencies	3
PARM 225	Women, Children & Elderly	4
PARM 145	Paramedic Clinicals II	2
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THIRD SEMESTER

PARM 155	Paramedic Field Internship I	4
PARM 160	Paramedic Clinicals III	2
PARM 215	Cardiology	5
PARM 235	Special Medical Considerations	3
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FOURTH SEMESTER

PARM 156	Paramedic Field Internship II	4
SOCO 101	Sociology	3
ENGL 101	English Composition	3
SPCH 103	Fundamentals of Speech	3
PSYH 101	Psychology	3
		<hr/> 16

PARM.0100.DEGR AAS Degree: 70 credit hours

PARAMEDICINE

PARM.0500.CERT

FIRST SEMESTER

PARM 120	Paramedic Preparatory	3
PARM 125	Airway Management & Pulmonary	3
PARM 132	Patient Assessment	3
PARM 150	Pharmacology & IV Access	3
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SECOND SEMESTER

PARM 260	Advanced EMS Operations	4
PARM 135	Paramedic Clinicals I	2
PARM 245	Trauma Emergencies	5
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SUMMER SEMESTER

PARM 200	Medical Emergencies	3
PARM 145	Paramedic Clinicals II	2
PARM 225	Women, Children & Elderly	4
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THIRD SEMESTER

PARM 155	Paramedic Field Internship I	4
PARM 160	Paramedic Clinicals III	2
PARM 215	Cardiology	5
PARM 235	Special Medical Considerations	3
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FOURTH SEMESTER

PARM 156	Paramedic Field Internship II.....	4
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PARM.0500.CERT Certificate: 50 credit hours

HEALTH INFORMATION TECHNOLOGY**HITC.0500.DEGR****FIRST SEMESTER**

BIOL 125	Human Biology	3
OFTC 150	Medical Terminology/Anatomy	3
CITA 151	Introduction to Computer Applications	4
OFTC 256	Pharmacology-Med Billing & Coding	3
ENGL 101	English Composition	3
MATH 130	Intro. to Contemporary Mathematics	3
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SECOND SEMESTER

OFTC 151	Introduction to Medical Records	3
OFTC 152	Advanced Medical Terminology/Anatomy	3
OFTC 253	Medical Record Tech. I: Insurance Proc.	3
HITC 102	Health Records Systems	3
OFTC 260	Human Diseases (Pathophysiology)	3
OFTC 254	Med Tech II--ICD-10-CM	3
		18

THIRD SEMESTER

HITC 103	Health Records Systems Lab	3
HITC 201	Health Data and Statistics	2
OFTC 257	Med Tech III.CPT/HCPCS	3
OFTC 258	Healthcare Reimbursement Methods	3
OFTC 285	Legal Aspects Health Info Mngmnt	3
SPCH 103	Fundamentals of Speech	3
		17

FOURTH SEMESTER

HITC 212	Quality Management	3
HITC 203	Management in Health Care	3
HITC 202	Clinical Practicum I	2
HITC 214	HI in Non-Traditional Setting	2
HITC 213	Clinical Practicum II	2
ECON 206	Principles of Economics	3
		15

HITC.0500.DEGR Minimum required credit hours for degree: 69