

ADDENDUM to 2010-2011 Catalog

Database Administration Specialist

Current

Course	Title	Credits
ITD 130	Database Fundamentals	3
ITD 132	Structured Query Language	3
ITD 134	PL/SQL Programming	3
ITD 250	Database Architecture and Administration	3
ITP 100	Software Design	3
	Total Credits	15

Revised: Effective Spring 2011

Course	Title	Credits
ITD 130	Database Fundamentals	3
ITD 132	Structured Query Language	3
ITD 134	PL/SQL Programming	3
ITD 250	Database Architecture and Administration	3
ITP 100	Software Design	3
SDV 101	Orientations to IT Professions	1
	Total Credits	16

Networking Specialist

Current

Course	Title	Credits
ITN 106	Microcomputer Operating Systems	3
ITN 107	Personal Computer Hardware and Troubleshooting	3
ITN 109	Internet and Network Foundations	3
ITN 200	Administration of Network Resources	3
ITN 260	Network Security Basics	3
	Total Credits	15

Revised: Effective Spring 2011

Course	Title	Credits
ITN 106	Microcomputer Operating Systems	3
ITN 107	Personal Computer Hardware and Troubleshooting	3
ITN 109	Internet and Network Foundations	3
ITN 200	Administration of Network Resources	3
ITN 260	Network Security Basics	3
SDV 101	Orientation to IT Professions	1
	Total Credits	16

Web Design Specialist

Current

Course	Title	Credits
ITD 110	Web Page Design I	3
ITD 112	Designing Web Page Graphics	3
ITD 130	Database Fundamentals	3
ITD 210	Web Page Design II	3
ITN 109	Internet and Network Foundations	3
	Total Credits	15

Revised: Effective Spring 2011

Course	Title	Credits
ITD 110	Web Page Design I	3
ITD 112	Designing Web Page Graphics	3
ITD 130	Database Fundamentals	3
ITD 210	Web Page Design II	3
ITN 109	Internet and Network Foundations	3
SDV 101	Orientation to IT Professions	1
	Total Credits	16

Information Technology Foundations**Current**

Course	Title	Credits
ITE 120	Principles of Information Systems	3
ITP 100	Software Design	3
ITD 130	Database Fundamentals	3
ITN 109	Internet and Network Foundations	3
ITD 110	Web Page Design I	3
ITN 106	Microcomputer Operating Systems	3
ITP 160	Introduction to Game Design and Development	3
	Total Credits	21

Information Technology Foundations**Current**

Course	Title	Credits
ITE 120	Principles of Information Systems	3
ITP 100	Software Design	3
ITD 130	Database Fundamentals	3
ITN 109	Internet and Network Foundations	3
ITD 110	Web Page Design I	3
ITN 106	Microcomputer Operating Systems	3
ITP 160	Introduction to Game Design and Development	3
SDV 101	Orientation to IT Professions	1
	Total Credits	22

Associate of Arts and Sciences Degree in Liberal Arts

Current

<u>Course#</u>	<u>Title</u>	<u>Credits</u>
First Semester		
ENG 111	College Composition I	3
HIS	History I ¹ (HIS 111, 112, 121, 122)	3
MTH 151	Mathematics for the Liberal Arts I (or MTH 163 or 271)	3
SDV 100	College Success Skills	1
PED/HLT	Physical education (or health) ² Approved humanities elective ³	2 3
	Total	15
Second Semester		
ENG 112	College Composition II	3
HIS	History II ¹ (HIS 111, 112, 121, 122)	3
MTH 152	Mathematics for the Liberal Arts II (or MTH 164, 240, 271 or 272) Approved humanities elective ³ Approved general elective	3 3 3
	Total	15
Third Semester		
CST 100/110	Principles of Public Speaking (or CST 110)	3
ENG	Literature I ⁴ (ENG 241, 243, or 251) Approved humanities elective ³ Science with laboratory ⁵ Approved social science elective ⁶	3 3 4 3
	Total	16
Fourth Semester		
ENG	Literature II ⁴ (ENG 242, 244, or 252)	3
PHI	Ethics elective Science with laboratory ⁵ Approved social science elective ⁶ Approved elective ⁷	3 4 3 3
	Total	16
	Program Total	62

¹Two semesters of U.S. History or History of World Civilizations are required; however, depending on the requirements of the four-year colleges, two one-semester courses in different fields may be substituted with advisor approval.

²Students are encouraged to determine, with their advisor's help, transferability of health courses to specific four-year colleges. In addition, foreign languages are strongly suggested by four-year colleges. Contact advisor for assistance.

³Students may select humanities electives from the approved list on page 50. Depending on the requirements of four-year institutions, six to eight credit hours of a single foreign language may be appropriate. Spanish is strongly recommended. Contact your advisor and four-year institution representative.

⁴Two semesters of American, British or world literature are recommended; however, depending on the requirements of the four-year institution, two one-semester courses in different fields may be substituted with advisor's approval.

⁵A one-year sequence of biology, chemistry, geology or physics is recommended; however, depending on the requirements of the four-year institutions, two one-semester courses in different sciences may be substituted with advisor approval.

⁶Students may select social science electives from the approved list on page 51. 7ITE 115 will satisfy this requirement. Students are required to 1) complete a computer course such as ITE 115 or equivalent or 2) demonstrate proficiency in using a Windows-based operating system along with word processing, spreadsheet, database management, presentation and communication software by passing an LFCC computer competency exam. Students eligible for option two may select any appropriate elective. Please consult your academic advisor.

Revised: Effective Spring 2011

<u>Course#</u>	<u>Title</u>	<u>Credits</u>
First Semester		
ENG 111	College Composition I	3
HIS	History I ¹ (HIS 111, 112, 121, 122)	3
MTH 151	Mathematics for the Liberal Arts I (or MTH 163 or 271)	3
SDV 100	College Success Skills	1
PED/HLT	Physical education (or health) ² Approved humanities elective ³	2 3
	Total	15
Second Semester		
ENG 112	College Composition II	3
HIS	History II ¹ (HIS 111, 112, 121, 122)	3
MTH 152	Mathematics for the Liberal Arts II (or MTH 164, 240, 271 or 272) Approved humanities elective ³ Approved general elective	3 3 3
	Total	15
Third Semester		
CST 100/110	Principles of Public Speaking (or CST 110)	3
ENG	Literature I ⁴ (ENG 241, 243, or 251) Approved humanities elective ³ Science with laboratory ⁵ Approved social science elective ⁶	3 3 4 3
	Total	16
Fourth Semester		
ENG	Literature II ⁴ (ENG 242, 244, or 252) Approved humanities elective ³ Science with laboratory ⁵ Approved social science elective ⁶ Approved elective ⁷	3 3 4 3 3
	Total	16
	Program Total	62

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AREA: Emergency Medical Services

DEGREE: Associate of Applied Science Degree

LENGTH: Five semesters (two-year program)

PURPOSE: Provide the Paramedic provider with a broad base of knowledge to enhance pre-hospital skill and career opportunities

OCCUPATIONAL OBJECTIVES: The curriculum is designed to develop the competencies needed to prepare the student to be certified as a Nationally Registered paramedic.

TRANSFER GUIDELINES: Transfer is not the primary purpose of an A.A.S. program, but NOVA has articulation agreements that facilitate the transfer of this and other career-oriented programs to selected senior institutions. Students interested in transfer should contact a counselor or their faculty advisor early in the program.

REQUIREMENTS:

Course#	Title	Credits
First Semester		
EMS 111	Emergency Medical Technician Basic	6
EMS 120	EMT-Basic Clinical	1
SCI	Approved Science Elective	4
SDV 101	Orientation to the Health Professions	1
	Total	12
Second Semester		
EMS 151	Intro to Advanced Life Support	4
EMS 153	Basic ECG Recognition	2
EMS 157	ALS – Trauma Care	3
EMS 170	ALS Internship	1
ENG 111	College Composition I	3
	Total	13
Third Semester		
EMS 155	ALS Medical Care	4
EMS 159	EMT-Special Populations	2
EMS 172	ALS Clinical Internship II	1
EMS 173	ALS Field Internship II	1
SOC	Approved Social Science Elective (1)	3
Elective	Approved Computer Science Elective	3
	Total	14

Course#	Title	Credits
Fourth Semester		
EMS 201	EMS Professional Development	2
EMS 205	Advanced Pathophysiology	3
EMS 207	Advanced Patient Assessment	3
EMS 242	ALS Clinical Internship III	1
EMS 243	ALS Field Internship III	1
Elective	Approved HLT Elective	3
	Total	13

Fifth Semester		
EMS 209	Advanced Pharmacology	4
EMS 211	Operations	2
SOC	Approved Social Science Elective (2)	4
EMS 244	ALS Clinical Internship IV	1
EMS 245	ALS Field Internship	1
Elective	Approved Humanities Elective	3
	Total	14
	Program Total	66

Recommended electives:
BIO 141 Human Anatomy & Physiology I
BIO 142 Human Anatomy & Physiology II
BIO 150 Microbiology
CST 100 Principles of Public Speaking
CST 110 Introduction to Speech Communication
ECO 120 Survey of Economics
ITE 115 Intro to Computer Applications & Concepts
HLT 160 Personal Health & Fitness
HUM 195 Leadership Development
MTH 126 Math for Allied Health
PHI 220 Ethics
PHI 227 Bio-Medical Ethics
PSY 220 Personal Conflict & Crisis Management
PSY 230 Developmental Psychology
SOC 200 Introduction to Sociology