

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

This degree prepares students for employment in fields related primarily to computer software. Core courses cover the fundamental knowledge areas and the CIT Concentrations cover specific software skill sets. The department will award a Certificate of Completion for each CIT Concentration successfully completed by the student.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- Demonstrate basic computer software knowledge and skills.
- Demonstrate basic computer programming knowledge and skills.
- Demonstrate basic computer networking knowledge and skills.
- Demonstrate basic computer security knowledge and skills.
- Demonstrate basic project management knowledge and skills.

GENERAL EDUCATION REQUIREMENTS (25 Credits):

	CR	SEMESTER
COMMUNICATIONS: COM 101, 102, 215	3-5	_____
ENGLISH: ENG 100, 101, 107, 113	3-5	_____
HUMAN RELATIONS: ALS 101, ANTH 101, 112, 201, 205, HIST 105, 106, 107, 150, 151, 210, 247, 260, HMS 130, 135B, 265B, MGT 100B, 283, PHIL 135, PSC 201, PSY 101, 102, 207, 208, 261, SOC	3	_____
MATHEMATICS: MATH 111B, 116 or above (except MATH 122, 123)	3	_____
SCIENCE: EGG 131, 132, PHYS	6	_____
FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: AM, ANTH, ART, COM, ECON, ENG 223 or above, GEOG 106 or above, HIST, International Languages, Music, PHIL, PSC, PSY, SOC, THTR, WMST 113	3	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

SPECIAL PROGRAM REQUIREMENTS (39 Credits):

	CR	SEMESTER
IS 101 Introduction to Information Systems	3	_____
IS 115 Introduction to Programming	3	_____
CIT 160 Introduction to Computer Security	3	_____
CIT 211 Microsoft Networking I	3	_____
CIT 263B Introduction to Project Management	3	_____
Plus 9 Credits From the following CIT, CSCO, ET, GIS, IS	9	_____

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FOR COMPUTER APPLICATIONS:

	CR	SEMESTER
CIT 154B Dynamic Web Applications	3	_____
CIT 201B Word Certification Preparation	3	_____
CIT 202B Excel Certification Preparation	3	_____
CIT 203B Access Certification Preparation	3	_____
CIT 261 VBA Programming for Microsoft Office	3	_____

FOR DATABASE: Choose 15 Credits from:

CIT 180 Database Concepts and SQL	3	_____
CIT 181 Introduction to Oracle	3	_____
CIT 182 Oracle Developer I	3	_____
CIT 183 Database Administration	3	_____
CIT 184 Oracle PL/SQL Programming II	3	_____
CIT 284 Oracle PL/SQL Programming II	3	_____

FOR GIS:

GIS 109 Introduction to Geographic Information Systems	3	_____
GIS 111 Introduction to Remote Sensing	3	_____
GIS 205 GIS Applications	3	_____
GIS 214B Programming in GIS	3	_____
GIS 236 GIS Applications II	3	_____

FOR IT ESSENTIALS:

CIT 110 A+ Hardware	3	_____
CIT 111 A+ Software	3	_____
CIT 112 Network+	3	_____
CIT 173 Introduction to Linux	3	_____
CIT 217 Security+	3	_____

FOR PROGRAMMING:

Must choose 5 courses AND must complete BOTH beginning and advanced courses for 2 languages.

JAVA

CIT 130 Beginning Java	3	_____
CIT 230 Advanced Java	3	_____

C

CIT 131 Beginning C	3	_____
CIT 231 Advanced C	3	_____

VB.NET

CIT 132 Beginning Visual Basic	3	_____
CIT 232 Advanced Visual Basic	3	_____

C++

CIT 133 Beginning C++	3	_____
CIT 233 Advanced C++	3	_____

FOR WEB DEVELOPMENT:

CIT 151 Beginning Web Development	3	_____
CIT 152 Web Script Language Programming	3	_____
CIT 155 Introduction to Cold Fusion	3	_____
CIT 251 Advanced Web Development	3	_____
CIT 252 Web Database Development	3	_____

64
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.