NEVADA STATE UNIVERSITY
SCHOOL OF LIBERAL ARTS, SCIENCES, & BUSINESS
ENGINEERING TECHNOLOGY (COMPUTER TECHNOLOGY OPTION) B.A.S.

Completion of an AAS degree in Computer Information Technology at CSN is required prior to entering the B.A.S. program.

COLLEGE CORE CURRICULUM (29-39 CREDITS)

(A number of categories may be fulfilled by AAS degree coursework. This will be confirmed by Nevada State Office of Admissions & Recruitment upon receipt of an official AAS transcript.)

Unless otherwise noted, please refer to the Nevada State catalog for full list of Core requirements. Classes in the major requirements may be used to satisfy the Core requirements; consult an Academic Advisor for details. Note: A single course cannot fulfill more than one core requirement.

ENGLISH   3 CREDITS

☐ English Composition II   3

MATHEMATICS   4-6 CREDITS

*Complete either MATH 126 & MATH 127 (6 credits total) *OR* MATH 128 (5 credits) *OR* MATH 181 (4 credits). See catalogs for pre-requisites.*

NATURAL SCIENCES   4 CREDITS

*Complete both EGG 131 & 131 L *OR* any 4-credit lab course that fulfills the NSU Natural Sciences core: AST 104 & AST 105; BIOL 101, BIOL 189, BIOL 196, BIOL 197, CHEM 110, CHEM 111, CHEM 112, CHEM 121, CHEM 122, GEOG 103 & GEOG 104, GEOL 101, GEOL 102, PHYS 110, PHYS 151, PHYS 152*

☐ Natural Science Core with Lab   4

SOCIAL SCIENCES   3 CREDITS

The following course options from the AAS core fulfill this requirement: ANTH 101, ANTH 205, ANTH 206, ANTH 209, COM 216, ECON 102, ECON 103, PSC 210, PSC 211, PSC 231, PSY 101, PSY 102, SOC 101, SOC 102. [If you completes your Social Science core at NSU, you may choose any course already listed as well as any of the following: COU 300, CRJ 104, PSY 460, WMST 101.].

FINE ARTS   3 CREDITS

The following courses from the AAS core fulfill this requirement: Any ART course, MUS 121, MUS 125, MUS 126, MUS 128, MUS 133, MUS 134, MUS 140, MUS 191, MUS 229, MUS 236, THTR 100. [If you complete this requirement at NSU, you may take any course already listed, as well as any of the following: FIS 100, FIS 110, VIS 100, VIS 112.]

HUMANITIES   6 CREDITS

The degree plan assumes you will complete this requirement at NSU, taking upper-division courses (300 or above) to count toward the residency requirement. If you instead apply courses from the AAS core to the Humanities requirement, you must make up 6 upper-division NSU credits elsewhere (in another core area or as electives). Any upper-division course at NSU from the following areas fulfills this requirement (must be numbered 300 or above): any literature course, any foreign language course, any history course, any philosophy course (except 311). [If you prefer to use courses from your AAS to fulfill the Humanities core at NSU, you may use the following: AM 145 or above, any literature course higher than ENG 231, any HIST course, any PHIL course (except 102, 105, or 109), any foreign language course 111 or above.]]

☐ Humanities Core   3
☐ Humanities Core   3

CONSTITUTION   3-6 CREDITS

The following courses from the AAS core fulfill this requirement: PSC 101 (from an NSHE institution); PSC 101 (out-of-state equivalent) and PSC 100; HIST 101 and HIST 102 (HIST 102 at NSHE institution); HIST 101 and HIST 217.

CULTURAL DIVERSITY   3 CREDITS

The degree plan assumes you will complete this requirement at NSU, taking an upper-division course (300 or above) to count toward the residency requirement. If you apply courses from the AAS core to the Cultural Diversity requirement, you must make up 3 upper-division NSU credits elsewhere (in another core area or as an elective). The following upper-division courses at NSU fulfill this requirement (see catalog for pre-requisites): EDRL 402, ENG 427A, ENG 481A, ENG 481B, ENG 485, ENG 485A, ENG 486A, ENG 490, ENG 490A, ENG 494A, ENG 495C, ENG 496A, ENG 497A, ETS 375, ETS 435, HIST 320, HIST 418, HIST 424, HIST 432, HIST 433, HIST 436, HIST 444, HIST 449, HIST 450, HIST 470, HIST 478, NURS 310, SOC 449, SOC 453, SOC 469, SOC 471. [If you prefer to use courses from your AAS to fulfill the Cultural Diversity core, the following may be used: ANTH 101, ENG 231, ENG 232, ENG 292.])

For a full breakdown of requirements for the Engineering Technology major, please refer to accompanying "Major Degree Checklist"

TOTAL CREDITS FOR DEGREE (120 CREDITS)

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All courses used to fulfill major requirements must be completed with a minimum C-. Grades below a C- carry no credit towards major requirements.

UPPER DIVISION CSN COURSEWORK   18 CREDITS

As part of the BAS degree requirements, students must complete the following upper-division coursework at CSN:

Complete 6 courses from the following, please refer to CSN catalog for required prerequisites:

☐ **CIT 319** | Managing Business Data Networks   3
☐ **CIT 363** | Advanced Project and Earned Value Management   3
☐ **ET 301** | Customer Service Management   3

Complete one of the following specializations (9 credits), please refer to CSN catalog for required prerequisites:

NETWORK INFRASTRUCTURE SPECIALIZATION

☐ **CSCO 480** | CCNP ROUTE   3
☐ **CSCO 482** | CCNP SWITCH   3
☐ **CSCO 484** | CCNP Troubleshooting   3

VIRTUAL COMPUTING SPECIALIZATION

☐ **CIT 330** | Designing Virtualized Systems   3
☐ **CIT 430** | Optimizing Virtualized Systems   3
☐ **CIT 431** | Open Source Virtualized Systems   3

SOFTWARE SPECIALIZATION

☐ **CIT 454** | E-Commerce   3
☐ **CIT 470** | Information Systems Auditing   3
☐ **IS 389** | Advanced Business Systems Development 3

ENGINEERING TECHNOLOGY (ELECTRONICS)   18 CREDITS

☐ **ACC 201**** | Financial Accounting   3
☐ **ENG 407A**** | Fundamentals of Business Writing   3
☐ **MGT 301**** | Principles of Management and Organizational Behavior   3
☐ **MGT 367**** | Human Resource Management   3
☐ **MGT 494**** | Seminar in Management   3
☐ **PHIL 311** | Professional Ethics   3

MANAGEMENT COURSE ELECTIVE   3 CREDITS

COM 315 | Small Group Communication   3
☐ **OR**
COM 434 | Communication and Conflict Resolution   3

UPPER DIVISION ELECTIVES   (AT LEAST) 3 CREDITS

Take upper-division electives as needed to meet the residency requirement of 30 upper-division credits completed at Nevada State and complete one of the following courses:

PSY 450** | Industrial & Organizational Psychology   3
☐ **OR**
PSY 360** | Social Psychology   3

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CREDIT REQUIREMENTS

Summary of credit requirements for the Bachelor of Applied Science in Engineering Technology (Computer Technology)

- ☐ **AAS Degree** — At least 63
- ☐ **Core Curriculum Requirements** — Up to 25
- ☐ **Upper Division CSN Coursework** — 18
- ☐ **Engineering Technology Core** — 21
- ☐ **Upper Division Electives** — At least 3 credits

☐ **TOTAL CREDITS** — **120**

ADDITIONAL GRADUATION REQUIREMENTS

			CREDITS COMPLETED	CREDITS REMAINING
☐ **120 CREDITS**	College credits earned (minimum; must be 100 level or above)	120	_____	_____
☐ **RESIDENCY RULE**	Upper division credits from Nevada State (minimum)	30	_____	_____

ADVISOR NOTES

STUDENT NOTES