

NAME & NSHE ID #: _____

NEVADA STATE COLLEGE

SCHOOL OF LIBERAL ARTS & SCIENCES

**ENGINEERING TECHNOLOGY
(ELECTRONICS OPTION) B.A.S.****2022-2023 CATALOG
COLLEGE CORE
CURRICULUM
CHECKLIST**

Completion of an AAS degree in Engineering Technology with an emphasis in Electronics (Bench Technician, Biomedical Equipment Technician, or Defense Contractor Technician), Self-Serve Device Technician, or Slot Repair at CSN is required prior to entering the B.A.S. program.

COLLEGE CORE CURRICULUM (UP TO 25 CREDITS)

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

Unless otherwise noted, please refer to the NSC catalog for full list of core requirements. Note: A single course cannot be used to fulfill both a major and core curriculum requirement. Additionally, a single course cannot fulfill more than one core requirement.

☐ **ENGLISH** **3-8 CREDITS**

NSC students can be placed into English courses by submitting ACT or SAT scores, or by completing the Directed Self Placement questionnaire. Students who complete Composition II will satisfy the Core Curriculum requirement. Typically, students take Composition I during their first semester at the college and Composition II during the second semester.

- ☐ English Composition I (ENG 100, 101, or 116) 3-5
☐ English Composition II 3

☐ **MATHEMATICS** **3-4 CREDITS**

NSC students can directly self-place into Mathematics, however it is recommended that students place according to their ACT/SAT scores or complete EdReady to better guide their placement. All degree programs require MATH 120 or higher to fulfill the Mathematics Core Curriculum (please see your degree outline for specific course requirements).

Choose one of the following following as a Engineering Technology major within the Core Mathematics requirement:

- ☐ **MATH 126**** | Pre-Calculus Mathematics I 3
☐ **AND**
☐ **MATH 127**** | Pre-Calculus Mathematics II 3
OR
☐ **MATH 128**** | Pre-Calculus and Trigonometry 5
OR
☐ **MATH 181**** | Calculus I 4

☐ **CULTURAL DIVERSITY** **3 CREDITS**☐ **FINE ARTS** **3 CREDITS**☐ **NATURAL SCIENCES** **4 CREDITS**

Choose one of the following following as a Engineering Technology major within the Core Natural Science requirement:

EGG 131 | 4

- ☐ **OR**
 Any 4-credit lab course that fulfills the NSC Natural Sciences core

☐ **SOCIAL SCIENCES** **3 CREDITS**

The following is required as a Engineering Technology major within the Core Social Science requirement:

PSY 101 | General Psychology 3

- ☐ **OR**
SOC 101 | Principles of Sociology 3

☐ **HUMANITIES** **6 CREDITS**

The degree plan assumes you will complete this requirement at NSC, 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 the upper-division NSC credits elsewhere (in another core area or as electives). Any upper-division course at NSC 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 NSC, the following may be used: 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.]

☐ **CONSTITUTION** **3-6 CREDITS**

Completion of US and NV Constitutions required. Complete either one US Constitution course and one NV Constitution course or complete one course that fulfills both US and NV Constitutions (CH 203 or PSC 101).

- ☐ Nevada Constitution 0-3
☐ United States Constitution 0-3

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

TOTAL CREDITS FOR DEGREE (120 CREDITS)

☒ Check box when requirement is satisfied

**Indicates a prerequisite and/or corequisite is required. Please refer to the catalog or speak to an advisor about these requirements.

This sample degree checklist is a planning tool intended for the current academic year. Each student's situation is unique and your degree may differ from the sample presented here. It is recommended that current NS students review the Academic Requirements report in their Student Center to monitor progress toward their degree and graduation requirements. It is also strongly recommended that you meet regularly with your Academic Advisor to verify degree progression.



**SCAN HERE FOR MORE
INFORMATION ON THE COLLEGE
CORE CURRICULUM INCLUDING A
FULL LIST OF ELIGIBLE COURSES**

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2022-2023 CATALOG

MAJOR DEGREE

CHECKLIST

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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 21 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:

- | | | |
|----------------------------------|--|---|
| <input type="checkbox"/> CIT 363 | Advanced Project and Earned Value Management | 3 |
| <input type="checkbox"/> ET 301 | Customer Service Management | 3 |
| <input type="checkbox"/> ET 313 | Advanced Radar | 3 |
| <input type="checkbox"/> ET 389 | Advanced Electronics Troubleshooting | 3 |
| <input type="checkbox"/> ET 410 | Business Telecommunications | 3 |
| <input type="checkbox"/> ET 420 | Control Systems | 3 |
| <input type="checkbox"/> ET 430 | Electrical Power Systems | 3 |

Complete the following course, please refer to CSN catalog for required prerequisites:

- | | | |
|---------------------------------|----------------|---|
| <input type="checkbox"/> ET 494 | Senior Project | 3 |
|---------------------------------|----------------|---|

ENGINEERING TECHNOLOGY (ELECTRONICS) 15 CREDITS

- | | | |
|-------------------------------------|--|---|
| <input type="checkbox"/> ACC 201** | Financial Accounting | 3 |
| <input type="checkbox"/> ENG 407A** | Fundamentals of Business Writing | 3 |
| <input type="checkbox"/> MGT 301** | Principles of Management and Organizational Behavior | 3 |
| <input type="checkbox"/> MGT 367** | Human Resource Management | 3 |
| <input type="checkbox"/> PHIL 311 | Professional Ethics | 3 |

MANAGEMENT COURSE ELECTIVE 3 CREDITS

- | | | |
|----------------------------------|---------------------------------------|---|
| <input type="checkbox"/> COM 315 | Small Group Communication | 3 |
| <input type="checkbox"/> OR | | |
| <input type="checkbox"/> COM 434 | Communication and Conflict Resolution | 3 |

UPPER DIVISION ELECTIVES (AT LEAST) 6 CREDITS

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

- | | | |
|------------------------------------|--|---|
| <input type="checkbox"/> PSY 450** | Industrial & Organizational Psychology | 3 |
| <input type="checkbox"/> OR | | |
| <input type="checkbox"/> PSY 460** | Social Psychology | 3 |

TOTAL CREDITS FOR DEGREE (120 CREDITS)

☒ Check box when requirement is satisfied

**Indicates a prerequisite and/or corequisite is required. Please refer to the catalog or speak to an advisor about these requirements.

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SCAN HERE FOR MORE PROGRAM
INFORMATION INCLUDING
COURSE DESCRIPTIONS AND
PREREQUISITES.

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**2022-2023 CATALOG
DEGREE OVERVIEW
& NOTES PAGE**

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

- | | |
|---|--------------------|
| <input type="checkbox"/> AAS Degree | At least 63 |
| <input type="checkbox"/> Core Curriculum Requirements | Up to 25 |
| <input type="checkbox"/> Upper Division CSN Coursework | 18 |
| <input type="checkbox"/> Engineering Technology Core | 18 |
| <input type="checkbox"/> Upper Division Electives | At least 6 credits |

TOTAL CREDITS 120

<input type="checkbox"/> 120 CREDITS	Total minimum earned credits (must be 100 level or above)	120	_____	_____
<input type="checkbox"/> RESIDENCY RULE	Upper division credits from Nevada State (minimum)	30	_____	_____
<input type="checkbox"/> 4-YEAR RULE	Credits from a 4-year institution (minimum)	30	_____	_____

ADVISOR NOTES

STUDENT NOTES