NAME & NSHE ID #: _____

NEVADA STATE COLLEGE

SCHOOL OF LIBERAL ARTS & SCIENCES

ENGINEERING TECHNOLOGY (ELECTRONICS OPTION) B.A.S.

2021-2022 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 questionaire. 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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ENGINEERING TECHNOLOGY (ELECTRONICS OPTION) B.A.S.

2021-2022 CATALOG MAJOR DEGREE 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.

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:

- ☐ **CIT 363** | Advanced Project and Earned Value Management 3
- ☐ **ET 301** | Customer Service Management 3
- ☐ **ET 313** | Advanced Radar 3
- ☐ **ET 389** | Advanced Electronics Troubleshooting 3
- ☐ **ET 410** | Business Telecommunications 3
- ☐ **ET 420** | Control Systems 3
- ☐ **ET 430** | Electrical Power Systems 3

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

- ☐ **ET 494** | Senior Project 3

ENGINEERING TECHNOLOGY (ELECTRONICS) — 15 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
- ☐ **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) 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:

- **PSY 450**** | Industrial & Organizational Psychology 3
- ☐ OR
- **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.

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 PROGRAM INFORMATION INCLUDING COURSE DESCRIPTIONS AND PREREQUISITES.

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2021-2022 CATALOG DEGREE OVERVIEW & NOTES PAGE

CREDIT REQUIREMENTS

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

☐ **AAS Degree**	At least 63
☐ **Core Curriculum Requirements**	Up to 25
☐ **Upper Division CSN Coursework**	18
☐ **Engineering Technology Core**	18
☐ **Upper Division Electives**	At least 6 credits
☐ **TOTAL CREDITS**	**120**

ADDITIONAL GRADUATION REQUIREMENTS

			CREDITS COMPLETED	CREDITS REMAINING
☐ **120 CREDITS**	Total minimum earned credits (must be 100 level or above)	120	_____	_____
☐ **RESIDENCY RULE**	Upper division credits from Nevada State (minimum)	30	_____	_____
☐ **4-YEAR RULE**	Credits from a 4-year institution (minimum)	30	_____	_____

ADVISOR NOTES

STUDENT NOTES