5- 12 COMPUTER SCIENCE ENDORSEMENT

Department of Teacher Education, Whitworth University

State of Washington Education Endorsement for students admitted after August 31, 2016

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| --- | --- | --- |
| **Name:**  | ID#:  | Today’s Date: |

For all transfer courses, list the actual course taken (not the Whitworth equivalent).

All coursework must be grade of “C” or higher.

##### REQUIREMENTS FOR CS AS AN ENDORSEMENT (30 semester credits)

**Requirement/Course Number and Name Credit Term/Yr Grade College/Univ**

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| --- | --- | --- | --- | --- | --- |
| CS 171 | Computer Science I *(Fall, Spring)* | 3 |  |  |  |
| CS 172 | Computer Science II *(Fall, Spring)* | 3 |  |  |  |
| CS 273 | Data Structure *(Fall, Spring)* | 3 |  |  |  |
| CS 274 | Ethical, Social and Legal Issues in Computer Science (Spring) | 3 |  |  |  |
| CS 278 | Computer Organization and Assembler Programming *(Fall, Spring)* | 3 |  |  |  |
| CS 313 | Networks *(Fall, odd years)* | 3 |  |  |  |
| CS 374 | Database Management *(Fall)* | 3 |  |  |  |
| CS 454 | Computer Science Methods | 3 |  |  |  |
| CS 475w | Operating Systems *(Spring)* | 3 |  |  |  |
| EDU 396 | Internship Field Placement | 3 |  |  |  |

**ADDITIONAL REQUIREMENTS FOR CS MINOR (37 semester credits)**

**Requirement/Course Number and Name Credit Term/Yr Grade College/Univ**

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| --- | --- | --- | --- | --- | --- |
| CS 301 | Internet Applications Development *(Jan, odd years)* | 3 |  |  |  |

**One of the following:**

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| --- | --- | --- | --- | --- | --- |
| MA 150 | Pre-Calculus *(Fall, Spring)* | 4 |  |  |  |
| MA 158 | Calculus for Social Sciences *(Fall, Spring)* | 4 |  |  |  |
| MA 171 | Calculus I *(Fall, Spring)* | 4 |  |  |  |

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| **NES Endorsement Content Exam** **www.west.nesinc.com / www.nestest.com***Enter proposed date of exam:* | *Indicate test taken and date passed exam:*NES:  |

#### ATTACH THIS SHEET TO YOUR EDUCATION CERTIFICATION PLAN