**FORM A**

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| **TARGET COURSE**  | **NR 6** |  | **Dendrology** |
|  | Number |  | Title |

BASIC SKILLS ADVISORIES PAGE The skills listed are those needed for eligibility for English 125, 126, and Math 101. These skills are listed as the outcomes from English 252, 262, and Math 250. In the right hand column, list at least three major basic skills needed at the beginning of the target course and check off the corresponding basic skills listed at the left.

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| Math Skills (eligibility for Math 101)(as outcomes for Math 250) Performing the four arithmetic operations on whole numbers, arithmetic fractions, and decimal fractions. Making the conversions from arithmetic fractions to decimal fractions, from decimal fractions to percents, and then reversing the process. Applying the concepts listed above to proportions, percents, simple interest, markup and discount. Applying the operations of integers in solving simple equations. Converting between the metric and English measurement systems |    |
| Reading Skills (eligibility for English 126) (as outcomes for English 262)  X Using phonetic, structural, contextual, and dictionary skills to attack and understand words. X Applying word analysis skills to reading in context. X Using adequate basic functional vocabulary skills. X Using textbook study skills and outlining skills. X Using a full range of literal comprehension skills and basic analytical skills such as predicting, inferring, concluding, and evaluating.  | 1. Ability to read and comprehend technical words used to describe differences in plants.
2. Ability to outline classroom lectures in preparation for exams and writing a term paper or similar writing assignments.

3. Ability to utilize dichotomous plant keys to determine the identity of species. |
| Writing Skills (eligibility for English 125)(as outcomes for English 252) x Writing complete English sentences and avoiding errors most of the time. x Using the conventions of English writing: capitalization, punctuation, spelling, etc. x Using verbs correctly in present, past, future, and present perfect tenses, and using the correct forms of common irregular verbs. x Expanding and developing basic sentence structure with appropriate modification.­ x Combining sentences using coordination, subordination, and phrases. x Expressing the writer's ideas in short personal papers utilizing the writing process in their development. | 1. Ability to compose well-organized research paper on a forest tree.
2. Ability to describe plant characteristics in written form.

3. Ability to appropriately use italicization and capitalization for binomial nomenclature and vernacular plant names. |

Check the appropriate spaces.

 Eligibility for Math 101 is **advisory** for the target course.

 x Eligibility for English 126 is **advisory** for the target course.

 x Eligibility for English 125 is **advisory** for the target course.

*If the reviewers determine that an advisory or advisories in Basic Skills are all that are necessary for success in the target course, stop here, provide the required signatures, and forward this form to the department chair, the appropriate associate dean, and the curriculum committee.*

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| Content review completed by |  | Date |  |

**FORM B**

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| **TARGET COURSE**  | **NR 6** |  | **Dendrology** |
|  | Number |  | Title |

**CONTENT REVIEW FOR ALL COURSES IN ADDITION TO BASIC SKILLS COURSES**

List in Column 1 at least **three specific major concepts, skills, or kinds of knowledge that a student will learn in the pre- or corequisite or advisory course that are essential to the successful completion in the target course.** In Column 2, state why the skill in Column 1 is essential in relation to the content listed in the course outline of the target course.

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| --- | --- |
| **COLUMN 1**: Concepts, Skills, Kinds of Knowledge | **COLUMN 2**: Specifically how this is necessary in the target course |
| (List each prerequisite or advisory separately here. If you need more space, attach a second page B. Be sure to explain each course in Column 2.)**Name of prerequisite or advisory course:**NR 4 Concepts, skills, etc. (List these.) |  |
| 1. Recognize and understand biological principles of the forest and forest organisms. | 1. Understanding of biological principles needed to be able to identify community types and understand ecological requirements of forest trees. |
| 2. Ability to place organisms into their proper taxonomic group. | 2. Ability to place organisms into taxonomic groups is required when learning how to use dichotomous keys. |
| 3. Ability to recognize plant and animal structures and their respective functions. | 3. Ability to recognize plant structures is needed when learning how to use a dichotomous key |

***If the courses listed in Column 1 are advisory, complete the information below and do not go on to the next page.***

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| Advisory course(s): | NR 4 |

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| Content review completed by |  |  |  |
|  | Signature(s) |  | Date |

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| Dean's Signature  |  |  |  |
|  |  |  | Date |

***Please forward this completed form to the Curriculum Committee.***