I. Catalog Description and Credit Hours of Course:
Study of the processes of collecting data for the purposes of making decisions about individuals, courses, and programs related to career and technical education. (3 credit hours)

II. Prerequisite(s):
Consent of instructor.

III. Purposes or Objectives of the Course:
Upon the successful completion of the course, the student will be able to:
   A. Identify, develop, and use appropriate assessment methods.
   B. Utilize assessment for the improvement and development of instruction.
   C. Apply basic statistics for the interpretation and development of assessment instruments.
   D. Determine appropriate formats for assessing various domains and activities.
   E. Understand legal and ethical issues of assessment.
   F. Apply appropriate assessment strategies for students with learning disabilities.

IV. Expectations of Students:
   A. Read and study all assignments.
   B. Class attendance and participation are required.
   C. Complete and turn in assignments at the scheduled time.
   D. Assignments may not be turned in to department secretary.
   E. Graduate students are required to complete a research project and make a student presentation.

V. Course Content or Outline:
   Week 1 Introduction - Testing - One part of assessment (3 hrs)
   Week 2 Assessment Domains
       Assessment and society (3 hrs)
   Week 3 The process of assessment
       Assessing instruction, learners, programs (3 hrs)
   Week 4 Legal and ethical considerations (3 hrs)
   Week 5 Descriptive statistics for measurement
       Scales of measurement (3 hrs)
   Week 6 Measures of central tendencies
       Correlations (3 hrs)
   Week 7 Norm-Referenced and Criterion Referenced assessment (3 hrs)
   Week 8 Reliability and validity (3 hrs)
   Week 9 Students with disabilities (3 hrs)
   Week 10 Assessing project based/vocational activities (3 hrs)
   Week 11 Assessing project based/vocational activities (3 hrs)
   Week 12 Portfolio assessment (3 hrs)
   Week 13 Assessing oral, written, mathematics, objectives, and psychomotor skills (3 hrs)
   Week 14 Grading and reporting (3 hrs)
Week 15  Lab activity (3 hrs)

Total Hours  45 hrs

VI. Textbook and Other Required Materials or Equipment:
- Additional materials will be posted on the course website

VII. Basis for Student Evaluation:
Grading will consist of the following criteria and percentages.

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Participation</td>
<td>10%</td>
</tr>
<tr>
<td>Assignments</td>
<td>40%</td>
</tr>
<tr>
<td>Quizzes/Tests</td>
<td>30%</td>
</tr>
<tr>
<td>Final Project</td>
<td>20%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
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</tbody>
</table>

Graduate project requires students to complete a research relating to advanced topics in assessment for career & technical education and make a student presentation.

VIII. Grading Scale:

<table>
<thead>
<tr>
<th>Graduate</th>
<th>Undergraduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = 100 - 90%</td>
<td>A = 100 - 90%</td>
</tr>
<tr>
<td>B = 89 - 80%</td>
<td>B = 89 - 80%</td>
</tr>
<tr>
<td>C = 79 - 70%</td>
<td>C = 79 - 70%</td>
</tr>
<tr>
<td>F = Below 70%</td>
<td>D = 69 - 60%</td>
</tr>
<tr>
<td>F = Below 60%</td>
<td></td>
</tr>
</tbody>
</table>

The weight for the evaluation criteria may vary according to each instructor and will be communicated at the beginning of the course.

IX. Academic Policy Statement:
Students will be expected to abide by the University Policy for Academic Honesty regarding plagiarism and academic honesty. Refer to: http://www6.semo.edu/judaffairs/code.html.

X. Student with Disabilities Statement:
If a student has a special need addressed by the Americans with Disabilities Act (ADA) and requires materials in an alternative format, please notify the instructor at the beginning of the course. Reasonable efforts will be made to accommodate special needs.