# Emmett \& Miriam McCoy <br> College of Business Administration 

DIRECT ASSESSMENT RESULTS

# CRITICAL AND ANALYTICAL THINKING 

## INFORMATION TECHNOLOGY

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## Embedded Assessment Results for BBA Program Goals 2 and 3

## BBA Program Level Goal 2 and 3:

Goal 2: Acquire analytical and critical thinking skills to evaluate information, solve problems, and make sound decisions.

Goal 3: Acquire information technology skills that are useful in decision-making.

## Methods:

The BBA Course Alignment Grid identifies core courses that both cover and assess critical thinking skills and informational technology skills. Faculty in each of these core course teaching groups participated in this assessment. Faculty were asked to assess students using the criteria of Exceeds Expectations, Meets Expectations, or Does Not Meet Expectations. Working with faculty teaching core course sections, each core course coordinator chose their course's method of assessment, which included common test questions and assignments as well as assessment rubrics and are indicated on the tables after the course numbers.

In order to comply with SACS requirements, the results of direct measures of critical thinking are presented by department major.

| Accounting <br> Critical/Analytical Thinking | $\mathrm{N}=$ | Fails to <br> Meet | Meets | Exceed | M+E= |
| :--- | :---: | :---: | :---: | :---: | :---: |
| ACC 2361 - test questions/problems | 20 | $20 \%$ | $35 \%$ | $45 \%$ | $80 \%$ |
| ACC 2362 - common exam questions | 117 | $23 \%$ | $63 \%$ | $14 \%$ | $77 \%$ |
| ECO 2314 - common exam questions |  |  |  |  |  |
| ECO 2315 - common exam | 97 | $23 \%$ | $49 \%$ | $28 \%$ | $77 \%$ |
| QMST 2333 - homework/quiz problems | 154 | $24 \%$ | $38 \%$ | $38 \%$ | $76 \%$ |
| BLAW 2361 - common exam questions | 90 | $36 \%$ | $22 \%$ | $42 \%$ | $64 \%$ |
| MGT 3303 - common exam questions | 85 | $9 \%$ | $33 \%$ | $58 \%$ | $91 \%$ |
| FIN 3312 - required class assignment | 79 | $8 \%$ | $32 \%$ | $60 \%$ | $92 \%$ |
| MGT 3353 - common exam questions | 69 | $14 \%$ | $57 \%$ | $29 \%$ | $86 \%$ |
| MKT 3343 - common exam questions | 323 | $7 \%$ | $38 \%$ | $55 \%$ | $93 \%$ |
| CIS 3380 - common final questions | 145 | $18 \%$ | $59 \%$ | $23 \%$ | $82 \%$ |
| MGT 4335 - corporate strategy analysis | 30 | $10 \%$ | $70 \%$ | $20 \%$ | $90 \%$ |

Computer Information Systems

| Computer Information Systems <br> Critical/Analytical Thinking | $\mathrm{N}=$ | Fails to <br> Meet | Meets | Exceed | $\mathrm{M}+\mathrm{E}=$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| ACC 2361 - test questions/problems | 5 | $50 \%$ | $20 \%$ | $20 \%$ | $40 \%$ |
| ACC 2362 - common exam questions | 30 | $56 \%$ | $34 \%$ | $10 \%$ | $44 \%$ |
| ECO 2314 - common exam questions |  |  |  |  |  |
| ECO 2315 - common exam | 24 | $42 \%$ | $46 \%$ | $12 \%$ | $58 \%$ |
| QMST 2333 - homework/quiz problems | 34 | $35 \%$ | $30 \%$ | $35 \%$ | $65 \%$ |
| BLAW 2361 - common exam questions | 14 | $50 \%$ | $7 \%$ | $43 \%$ | $50 \%$ |
| MGT 3303 - common exam questions | 21 | $19 \%$ | $52 \%$ | $29 \%$ | $81 \%$ |
| FIN 3312 - required class assignment | 11 | $9 \%$ | $27 \%$ | $64 \%$ | $91 \%$ |
| MGT 3353 - common exam questions | 13 | $15 \%$ | $62 \%$ | $23 \%$ | $85 \%$ |
| MKT 3343 - common exam questions | 67 | $6 \%$ | $36 \%$ | $58 \%$ | $94 \%$ |
| CIS 3380 - common final questions | 38 | $9 \%$ | $52 \%$ | $39 \%$ | $91 \%$ |
| MGT 4335 - corporate strategy analysis | 5 | $0 \%$ | $80 \%$ | $20 \%$ | $100 \%$ |

## Economics

| Economics <br> Critical/Analytical Thinking | $\mathrm{N}=$ | Fails to <br> Meet | Meets | Exceed | M+E= |
| :--- | :---: | :---: | :---: | :---: | :---: |
| ACC 2361 - test questions/problems | 3 | $33 \%$ | $67 \%$ | $0 \%$ | $67 \%$ |
| ACC 2362 - common exam questions | 12 | $8 \%$ | $50 \%$ | $42 \%$ | $92 \%$ |
| ECO 2314 - common exam questions |  |  |  |  |  |
| ECO 2315 - common exam | 24 | $29 \%$ | $50 \%$ | $21 \%$ | $71 \%$ |
| QMST 2333 - homework/quiz problems | 17 | $30 \%$ | $35 \%$ | $35 \%$ | $70 \%$ |
| BLAW 2361 - common exam questions | 8 | $25 \%$ | $12 \%$ | $63 \%$ | $75 \%$ |
| MGT 3303 - common exam questions | 12 | $8 \%$ | $34 \%$ | $58 \%$ | $92 \%$ |
| FIN 3312 - required class assignment | 14 | $14 \%$ | $14 \%$ | $72 \%$ | $86 \%$ |
| MGT 3353 - common exam questions | 8 | $12 \%$ | $63 \%$ | $25 \%$ | $88 \%$ |
| MKT 3343 - common exam questions | NM | NM | NM | NM | NM |
| CIS 3380 - common final questions | NM | NM | NM | NM | NM |
| MGT 4335 - corporate strategy analysis | 3 | $0 \%$ | $67 \%$ | $33 \%$ | $100 \%$ |

NM=Not Meaningful - Course did not separate Economics majors from Finance Majors

Finance

| Finance <br> Critical/Analytical Thinking | $\mathrm{N}=$ | Fails to <br> Meet | Meets | Exceed | M+E= |
| :--- | :---: | :---: | :---: | :---: | :---: |
| ACC 2361 - test questions/problems | 12 | $50 \%$ | $33 \%$ | $17 \%$ | $50 \%$ |
| ACC 2362 - common exam questions | 72 | $32 \%$ | $56 \%$ | $12 \%$ | $68 \%$ |
| ECO 2314 - common exam questions |  |  |  |  |  |
| ECO 2315 - common exam | 54 | $20 \%$ | $52 \%$ | $28 \%$ | $80 \%$ |
| QMST 2333 - homework/quiz problems | 104 | $31 \%$ | $45 \%$ | $24 \%$ | $69 \%$ |
| BLAW 2361 - common exam questions | 59 | $44 \%$ | $14 \%$ | $42 \%$ | $56 \%$ |
| MGT 3303 - common exam questions | 60 | $8 \%$ | $48 \%$ | $42 \%$ | $90 \%$ |
| FIN 3312 - required class assignment | 47 | $6 \%$ | $32 \%$ | $62 \%$ | $94 \%$ |
| MGT 3353 - common exam questions | 55 | $23 \%$ | $35 \%$ | $42 \%$ | $77 \%$ |
| MKT 3343 - common exam questions | $186^{*}$ | $8 \%$ | $37 \%$ | $55 \%$ | $92 \%$ |
| CIS 3380 - common final questions | 108 | $22 \%$ | $56 \%$ | $22 \%$ | $78 \%$ |
| MGT 4335 - corporate strategy analysis | 33 | $18 \%$ | $67 \%$ | $15 \%$ | $82 \%$ |

* Economics and Finance majors combined by the teaching group

Management

| Management <br> Critical/Analytical Thinking | $\mathrm{N}=$ | Fails to <br> Meet | Meets | Exceed | $\mathrm{M}+\mathrm{E}=$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| ACC 2361 - test questions/problems | 18 | $44 \%$ | $39 \%$ | $17 \%$ | $56 \%$ |
| ACC 2362 - common exam questions | 154 | $35 \%$ | $56 \%$ | $9 \%$ | $65 \%$ |
| ECO 2314 - common exam questions |  |  |  |  |  |
| ECO 2315 - common exam | 142 | $28 \%$ | $51 \%$ | $21 \%$ | $72 \%$ |
| QMST 2333 - homework/quiz problems | 239 | $36 \%$ | $36 \%$ | $28 \%$ | $64 \%$ |
| BLAW 2361 - common exam questions | 116 | $41 \%$ | $16 \%$ | $43 \%$ | $59 \%$ |
| MGT 3303 - common exam questions | 155 | $16 \%$ | $35 \%$ | $49 \%$ | $84 \%$ |
| FIN 3312 - required class assignment | 110 | $12 \%$ | $32 \%$ | $56 \%$ | $88 \%$ |
| MGT 3353 - common exam questions | 114 | $16 \%$ | $54 \%$ | $30 \%$ | $84 \%$ |
| MKT 3343 - common exam questions | 409 | $13 \%$ | $40 \%$ | $47 \%$ | $87 \%$ |
| CIS 3380 - common final questions | 215 | $18 \%$ | $63 \%$ | $19 \%$ | $82 \%$ |
| MGT 4335 - corporate strategy analysis | 55 | $9 \%$ | $64 \%$ | $27 \%$ | $91 \%$ |

Marketing

| Marketing <br> Critical/Analytical Thinking | $\mathrm{N}=$ | Fails to <br> Meet | Meets | Exceed | M+E= |
| :--- | :---: | :---: | :---: | :---: | :---: |
| ACC 2361 - test questions/problems | 17 | $41 \%$ | $47 \%$ | $12 \%$ | $59 \%$ |
| ACC 2362 - common exam questions | 111 | $45 \%$ | $48 \%$ | $7 \%$ | $55 \%$ |
| ECO 2314 - common exam questions |  |  |  |  |  |
| ECO 2315 - common exam | 124 | $31 \%$ | $47 \%$ | $22 \%$ | $69 \%$ |
| QMST 2333 - homework/quiz problems | 229 | $31 \%$ | $42 \%$ | $27 \%$ | $69 \%$ |
| BLAW 2361 - common exam questions | 115 | $35 \%$ | $14 \%$ | $51 \%$ | $65 \%$ |
| MGT 3303 - common exam questions | 111 | $12 \%$ | $44 \%$ | $44 \%$ | $88 \%$ |
| FIN 3312 - required class assignment | 80 | $8 \%$ | $25 \%$ | $67 \%$ | $92 \%$ |
| MGT 3353 - common exam questions | 90 | $21 \%$ | $50 \%$ | $29 \%$ | $79 \%$ |
| MKT 3343 - common exam questions | 279 | $11 \%$ | $39 \%$ | $50 \%$ | $89 \%$ |
| CIS 3380 - common final questions | 167 | $17 \%$ | $65 \%$ | $18 \%$ | $83 \%$ |
| MGT 4335 - corporate strategy analysis | 60 | $13 \%$ | $45 \%$ | $42 \%$ | $87 \%$ |



In order to comply with SACS requirements, the results of direct measures of Information Technology are presented by department major. The direct methods used are listed after the course numbers.

## Accounting

| Accounting <br> Information Technology | $\mathrm{N}=$ | Fails to <br> Meet | Meets | Exceed | $\mathrm{M}+\mathrm{E}=$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| CIS 1323 - courseware simulation | 71 | $27 \%$ | $55 \%$ | $18 \%$ | $73 \%$ |
| QMST 2333 - problems/spreadsheets | 24 | $71 \%$ | $13 \%$ | $16 \%$ | $29 \%$ |
| FIN 3312 - download/regression report | 78 | $6 \%$ | $35 \%$ | $59 \%$ | $94 \%$ |
| CIS 3380 - database homework/tables | 56 | $5 \%$ | $13 \%$ | $82 \%$ | $95 \%$ |

CIS

| Computer Information Systems <br> Information Technology | $\mathrm{N}=$ | Fails to <br> Meet | Meets | Exceed | $\mathrm{M}+\mathrm{E}=$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| CIS 1323 - courseware simulation | 14 | $29 \%$ | $57 \%$ | $14 \%$ | $71 \%$ |
| QMST 2333 - problems/spreadsheets | 6 | $33 \%$ | $50 \%$ | $17 \%$ | $67 \%$ |
| FIN 3312 - download/regression report | 11 | $9 \%$ | $18 \%$ | $73 \%$ | $91 \%$ |
| CIS 3380 - database homework/tables | 17 | $12 \%$ | $6 \%$ | $82 \%$ | $88 \%$ |

Economics

| Economics <br> Information Technology | N $=$ | Fails to <br> Meet | Meets | Exceed | M+E= |
| :--- | :---: | :---: | :---: | :---: | :---: |
| CIS 1323 - courseware simulation | 5 | $0 \%$ | $80 \%$ | $20 \%$ | $100 \%$ |
| QMST 2333 - problems/spreadsheets | 6 | $67 \%$ | $17 \%$ | $16 \%$ | $33 \%$ |
| FIN 3312 - download/regression report | 14 | $0 \%$ | $7 \%$ | $93 \%$ | $100 \%$ |
| CIS 3380 - database homework/tables | NM | NM | NM | NM | NM |

NM=Not Meaningful due to no Economics majors in sample
Finance

| Finance <br> Information Technology | $\mathrm{N}=$ | Fails to <br> Meet | Meets | Exceed | M+E= |
| :--- | :---: | :---: | :---: | :---: | :---: |
| CIS 1323 - courseware simulation | 52 | $40 \%$ | $50 \%$ | $10 \%$ | $60 \%$ |
| QMST 2333 - problems/spreadsheets | 24 | $58 \%$ | $25 \%$ | $17 \%$ | $42 \%$ |
| FIN 3312 - download/regression report | 47 | $9 \%$ | $28 \%$ | $63 \%$ | $91 \%$ |
| CIS 3380 - database homework/tables | 42 | $7 \%$ | $26 \%$ | $67 \%$ | $93 \%$ |

Management

| Management <br> Information Technology | $\mathrm{N}=$ | Fails to <br> Meet | Meets | Exceed | M+E= |
| :--- | :---: | :---: | :---: | :---: | :---: |
| CIS 1323 - courseware simulation | 113 | $33 \%$ | $50 \%$ | $17 \%$ | $67 \%$ |
| QMST 2333 - problems/spreadsheets | 33 | $67 \%$ | $21 \%$ | $12 \%$ | $33 \%$ |
| FIN 3312 - download/regression report | 109 | $10 \%$ | $22 \%$ | $68 \%$ | $90 \%$ |
| CIS 3380 - database homework/tables | 88 | $6 \%$ | $24 \%$ | $70 \%$ | $94 \%$ |

Marketing

| Marketing <br> Information Technology | N $=$ | Fails to <br> Meet | Meets | Exceed | M+E= |
| :--- | :---: | :---: | :---: | :---: | :---: |
| CIS 1323 - courseware simulation | 83 | $42 \%$ | $48 \%$ | $10 \%$ | $58 \%$ |
| QMST 2333 - problems/spreadsheets | 44 | $66 \%$ | $18 \%$ | $16 \%$ | $34 \%$ |
| FIN 3312 - download/regression report | 80 | $8 \%$ | $28 \%$ | $64 \%$ | $92 \%$ |
| CIS 3380 - database homework/tables | 72 | $0 \%$ | $33 \%$ | $67 \%$ | $100 \%$ |

