

Key Findings

Finding per Measure

▼ **Mobile Application Development AAS Program Outcome Set**

Create effective software solutions

Student Learning Outcome: Analyze real world problems and efficiently code solutions

▼ **Measure:** Mobile Application Development Capstone Projects Course [NMAD-290]
Course level; Direct - Student Artifact

Details/Description:	Comprehensive
Acceptable Benchmark:	80% of students will score a 2 or higher with a rubric scale 0-3 on project sections related to being able to correctly and efficiently code a solution.
Implementation Plan (timeline):	Each semester the NMAD-290 Mobile Application Development Capstone Projects course is offered. Collected by ICS Dept. Assessment Coordinator
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Findings for Mobile Application Development Capstone Projects Course [NMAD-290]

Summary of Findings:	This course has not been offered yet.
Recommendations :	
Reflections/Notes :	

▼ **Measure:** Programming Fundamentals II: Mobile Domain [NMAD-181] - Final Written Exam
Course level; Direct - Exam

Details/Description:	Final Written Exam
Acceptable Benchmark:	80% of students will score a 75% or higher on exam.
Implementation Plan (timeline):	Each semester the NMAD-181 Programming Fundamentals II: Mobile Domain course is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Findings for Programming Fundamentals II: Mobile Domain [NMAD-181] - Final Written Exam

Summary of Findings:	With an N=2, 2/2 or 100% scored higher than 75% on their written final exam in Programming Fundamentals II.
Results:	Acceptable Benchmark Achievement: Exceeded
Recommendations :	With such a small N, the data is almost meaningless, but we will continue to monitor results.
Reflections/Notes :	

▼ **Measure:** Programming Fundamentals II: Mobile Domain [NMAD-181] - UML Diagram
Course level; Direct - Student Artifact

Details/Description:	Real world problem analysis - UML Diagram
Acceptable Benchmark:	80% of the students will score a 75% or higher on the UML Diagram
Implementation Plan (timeline):	Each semester the NMAD-181 Programming Fundamentals II: Mobile Domain course is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Findings for Programming Fundamentals II: Mobile Domain [NMAD-181] - UML Diagram

Summary of Findings:	For an N=2, 2/2, or 100% were able to score above 75% in correctly creating a UML Diagram.
Results:	Acceptable Benchmark Achievement: Exceeded
Recommendations :	
Reflections/Notes :	

▼ **Measure:** Programming Fundamentals II: Mobile Domain [NMAD-181] - UML Diagram - Code a Solution
Course level; Direct - Student Artifact

Details/Description:	Real world problem analysis - UML Diagram
Acceptable Benchmark:	Given a UML diagram, 80% of the students will score a 75% or higher in being able to correctly and efficiently code a solution.
Implementation Plan (timeline):	Each semester the NMAD-181 Programming Fundamentals II: Mobile Domain course is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel:	ICS Dept. Assessment Coordinator

Findings for Programming Fundamentals II: Mobile Domain [NMAD-181] - UML Diagram - Code a Solution

Summary of Findings: For an N=2, 2/2 or 100% were able to score above 75% in being able to correctly and efficiently code a solution to a UML diagram.

Results: Acceptable Benchmark Achievement: Exceeded

Recommendations :

Reflections/Notes :

Create effective and user-friendly mobile interfaces

Student Learning Outcome: Design, refine and finalize a functional and user-friendly cross-platform user interface

▼ **Measure:** Mobile Application Development Capstone Projects Course [NMAD-290]
Course level; Direct - Student Artifact

Details/Description: Project TBD

Acceptable Benchmark: 80% of students will score a 2 or higher with a rubric scale 0-3 on the NMAD-289 Project

Implementation Plan (timeline): Each semester the NMAD-290 Mobile Application Development Capstone Projects course is offered. Collected by ICS Dept. Assessment Coordinator

Key/Responsible Personnel: ICS Dept. Assessment Coordinator

Findings for Mobile Application Development Capstone Projects Course [NMAD-290]

Summary of Findings: The Capstone course has not been offered yet.

Recommendations :

Reflections/Notes :

▼ **Measure:** NMAD-250 Mobile App Design Elements
Course level; Direct - Student Artifact

Details/Description: Final Project

Acceptable Benchmark: 80% of the students will earn a 75% or higher score on the NMAD Mobile App Design Elements Final Project

Implementation Plan (timeline): Each semester the NMAD-250 Mobile App Design Elements course is offered. Collected by ICS Dept. Assessment Coordinator

Key/Responsible Personnel: ICS Dept. Assessment Coordinator

Findings for NMAD-250 Mobile App Design Elements

Summary of Findings: The Mobile App Design Elements course has not been offered yet.

Recommendations :

Reflections/Notes :

Publish applications across multiple platforms

Student Learning Outcome: Create, secure, test and maintain mobile applications for two or more platforms

▼ **Measure:** Mobile App Development II [NMAD-270]
Course level; Direct - Other

Details/Description: Final Exam or instructor evaluation (Project TBD)

Acceptable Benchmark: 80% of the students will score a 75% or higher on the NMAD-270 Final Exam or Project (TBD)

Implementation Plan (timeline): Each semester the NMAD-270 Mobile App Development II course is offered. Collected by ICS Dept. Assessment Coordinator

Key/Responsible Personnel: ICS Dept. Assessment Coordinator

Findings for Mobile App Development II [NMAD-270]

Summary of Findings: The Mobile App Development II course has not been offered yet.

Recommendations :

Reflections/Notes :

▼ **Measure:** Mobile Application Development Capstone Projects Course [NMAD-290]
Course level; Direct - Student Artifact

Details/Description:
Acceptable Benchmark: 80% of students will score a 2 or higher with a rubric scale 0-3 on each section of the Capstone Project(s)
Implementation Plan (timeline): Each semester the NMAD-290 Mobile Application Development Capstone Projects course is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel: ICS Dept. Assessment Coordinator

Findings for Mobile Application Development Capstone Projects Course [NMAD-290]

Summary of Findings: The Capstone course has not been offered yet.
Recommendations :
Reflections/Notes :

Utilize effective professional communication and collaboration skills

Student Learning Outcome: Demonstrate effective verbal and written communication skills

▼ **Measure:** Mobile App Development II [NMAD-270]
Other level; Indirect - Other

Details/Description: Team Project
Acceptable Benchmark: 100% of the students will demonstrate effective interpersonal and communication skills on the team project rubric (peer and faculty evaluations)
Implementation Plan (timeline): Each Semester NMAD-270 Mobile App Development II is offered. Collected by ICS Dept. Assessment Coordinator.
Key/Responsible Personnel: ICS Dept. Assessment Coordinator

Findings for Mobile App Development II [NMAD-270]

Summary of Findings: The Mobile App Development course has not been offered yet.
Recommendations :
Reflections/Notes :

Student Learning Outcome: Work effectively as a member of a team

▼ **Measure:** Mobile Application Development Capstone Projects Course [NMAD-290]
Course level; Direct - Other

Details/Description:

Acceptable Benchmark: 100% of students will score a 2 or higher with a rubric scale 0-3 on project section sections related to interpersonal and communication skills

Implementation Plan (timeline): Each semester the NMAD-290 Mobile Application Development Capstone Projects course is offered. Collected by ICS Dept. Assessment Coordinator.

Key/Responsible Personnel: ICS Dept. Assessment Coordinator

Findings for Mobile Application Development Capstone Projects Course [NMAD-290]

Summary of Findings: The Capstone course has not been offered yet.

Recommendations :

Reflections/Notes :

Indicate overall satisfaction with the program and courses

Student Learning Outcome: Synthesize educational experience to determine level of satisfaction

▼ **Measure:** Student Satisfaction Survey
Program level; Indirect - Survey

Details/Description:

Student satisfaction survey instrument. When the survey instrument is developed, indicate specific survey items that you will use for assessment of this outcome.

Acceptable Benchmark: 85% of students graduating will indicate "satisfaction" with Mobile Application Development courses and the program on the Student satisfaction survey instrument.

Implementation Plan (timeline): Collection: Annually at the end of the fall semester beginning AY 2019/2020

Key/Responsible Personnel: ICS Dept. Assessment Coordinator

Findings for Student Satisfaction Survey

Summary of Findings: Annual collection date has not started yet.

Recommendations :

Reflections/Notes :

Overall Recommendations

No text specified

Overall Reflection

No text specified