



**ACCREDITING AGENCY OF CHARTERED COLLEGES
AND UNIVERSITIES IN THE PHILIPPINES (AACUP), INC.**
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SUMMARY OF FINDINGS AND RECOMMENDATIONS

SUC	UNIVERSITY OF SOUTHERN MINDANAO
ADDRESS	Kabacan, North Cotabato
CAMPUS	Kabacan Campus
PROGRAM	Bachelor of Science in Computer Engineering
TYPE OF SURVEY	2 nd Survey
DATE OF SURVEY	November 29 – December 3, 2021

AREA OF ACCREDITATION	STRENGTHS	AREAS NEEDING IMPROVEMENT	RECOMMENDATIONS
<p align="center">AREA I: VISION, MISSION, GOALS, AND OBJECTIVES</p>	<ol style="list-style-type: none"> 1. The University of Southern Mindanao has a well-crafted development plan and the processes and procedures pertaining to the formulation of the VMGO is well-documented. 2. The Vision and Mission of the university clearly capture the mandate of the university, its future directions and its role not only in the community to which it belongs, but also how it benefits its primary clientele and stakeholders. 3. The processes and procedures pertaining to the formulation of the goals of the college offering the degree program, as well as the objectives of the course, are well-documented. 4. There is sufficient evidence to indicate that efforts had been exerted to disseminate the VMGO in many different ways, through printed and broadcast media, and through different platforms. 	<ol style="list-style-type: none"> 1. There is little evidence of the dissemination of the VMGO in the vernacular language, or if the said VMGO had undergone the standard procedures of translation into the national and regional/local languages. 2. Although the VMGO had been disseminated widely in the academe, there is little evidence to indicate that said VMGO had been disseminated outside the university, such as in research and extension sites, and in public places in the community. 3. The Objectives of the program is in consonance with the general requirements of the degree program, but fails to define the uniqueness of the USM graduates, that would really set them apart from graduates of the same program from other universities. 	<ol style="list-style-type: none"> 1. It is suggested that processes and procedures involved in the translation of the VMGO into the local language and the national language may be included in the description of how the university crafted its VMGO. Furthermore, the translated VMGO may be properly displayed alongside the English version at all times. 2. The university may consider including the VMGO in all advertisements, banners, flyers, posters and other tangible forms outside the campus, and cover more areas in the community. 3. The Objectives of the program may be reviewed and revised from time to time, for it to be updated as the CMO for the program is revised, and that the specific objectives of the program may also include one that clearly delineates what will set the USM graduate of the program apart from graduates of the same program from other institutions.

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<p>AREA II: FACULTY</p>	<ol style="list-style-type: none"> 1. More than 50% CHED requirements are Masters' degree holders relevant to their specialization and teaching assignments. 2. Faculty workload, teaching assignments and number of preparations were equally distributed. 3. Overload of faculty members and services beyond office hours were properly compensated. 	<ol style="list-style-type: none"> 1. Few faculty members availed of the Faculty Development Program. 2. A small number of faculty members conducted research in their specific fields of specialization. 3. Involvement in the extension activities of the college is limited. 4. There are no provisions of incentives to faculty with outstanding performance. 5. Some documents presented are not signed by concerned or appropriate signatories. 6. The Faculty Manual is not approved by the Board of Regents. 	<ol style="list-style-type: none"> 1. Faculty members may be encouraged to pursue advanced degree programs, as provided in the Faculty Development Program. 2. The faculty may be encouraged to conduct research in their field of specialization. 3. Faculty members may be encouraged to engage in the conduct of the extension program since technical expertise and facilities are available in the university. 4. The administration may appropriate a portion of income from tuition fees for payment of incentives to faculty with outstanding performance in accordance with the pertinent DBM circular. 5. It is suggested that all documents be duly signed by concerned or appropriate signatories. 6. Faculty Manual may be finalized and submitted to the Board of Regents for approval.

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<p align="center">AREA III: CURRICULUM AND INSTRUCTION</p>	<ol style="list-style-type: none"> 1. The BS Computer Engineering (BSCpE) program is a recipient of the Certificate of Program Compliance (COPC) from CHED Region XII since the academic year 2014 – 2015. 2. The curriculum exceeds the minimum requirements set by CMO 87 S. 2017. Institutionally mandated courses and a bridging course in engineering mathematics are also included. 3. The program educational objectives (PEO) of the BSCpE represents the institution's vision and mission. 4. The curriculum is responsive to changes in the environment as revisions on the course offerings were made and approved by CHED ROXII to accommodate the pure on-line teaching strategy brought about by the COVID 19 pandemic. 	<ol style="list-style-type: none"> 1. There is little evidence of the participation of stakeholders (employers/industry practitioners, alumni, parents, community leaders, government representatives, etc.) during the curriculum review process of the program under survey. 2. The curriculum shows limited flexibility in the professional elective courses. 3. Faculty members developed instructional materials (IMs) approved for use by the College, however, these IMs were not copyrighted/patented. 4. There is little evidence of in-service trainings available for faculty members to enhance the teaching-learning process under the new normal. 5. Few research activities are conducted by students in their respective professional courses. 6. The program shows very low retention and graduation rates as most of the students were not able to finish the course on time. 	<ol style="list-style-type: none"> 1. It is highly recommended that the program's review committee invites stakeholders (employers/industry practitioners, alumni, parents, community leaders, government representatives, etc.) during the conduct of curriculum review to identify the expected outcomes of the graduates and how these will be integrated into the curriculum and its activities. 2. It is recommended that the tracks of Computer Engineering (System Development, Embedded System, etc.) be offered (as resources permit) to allow flexibility of the curriculum. 3. Instructional Materials (IMs) developed by the faculty members are recommended to be subjected to the University Textbook Board for review, test for violations of original integrity, and subsequently endorse for patent/copyright application. Correspondingly, the action will respect the faculty member's intellectual labor and creativity.

		<p>7. There is little evidence of research conducted on the employability of graduates of the degree program and the employers' feedback on their performance.</p>	<p>4. It is recommended that in-service trainings/workshops on the development/constructions of syllabi and the use of various assessment techniques/evaluation measures, under the new normal be included in the Faculty Development Plan of the unit.</p> <p>5. To develop the research capabilities of its students in the field, it is suggested that faculty members include research activities in the professional courses and that be reflected in the syllabus.</p> <p>6. To improve the retention and graduation rates, it is recommended that the unit develop intervention schemes/programs to help the students finish the course. Moreover, it is highly recommended that the unit assist the students in conducting their design project financially through the inclusion/provision of the conduct of student research on their research budget allocation. A comprehensive employability study of graduates of the program and employer's satisfaction on their performance is highly recommended to be conducted to measure the effectivity of the curriculum.</p>
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AREA IV: SUPPORT TO STUDENTS	<ol style="list-style-type: none"> 1. The OSA services were regularly monitored and evaluated in order to assess and improve its effectiveness. 2. The university established a museum purposely as a repository of cultural materials of indigenous people and the Bangsamoro people showcasing their rich culture and heritage. 3. Medical and dental services of the university are also extended/rendered to external community. 4. Provisions like pocket wifi and internet load are given for those students who could not afford these. 	<ol style="list-style-type: none"> 1. The ratio of the Guidance counselor to the students' population is not sufficient as stipulated in CMO No. 09, series of 2013. 2. There is no tracer study conducted on graduates that will inform the college of engineering about their professional information and employers' feedback. 	<ol style="list-style-type: none"> 1. Hiring of additional Guidance Counselor may be considered by the administration. 2. The conduct of tracer study is recommended on graduates as to their professional whereabouts and feedback from their respective employers.

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<p>AREA V: RESEARCH</p>	<ol style="list-style-type: none"> 1. The College holds an annual Student Research, Development and Extension In-House Review, wherein the best research and researchers are chosen and given corresponding awards. 2. The Institution implements an Individual Learning and Development Plan which identifies the needs and targets/goals of each faculty member and guides them in the areas of Instruction, Research, Extension and Professional Development. 	<ol style="list-style-type: none"> 1. There is a little evidence that stakeholders (most notably, industry practitioners and representatives from government agencies) were invited and subsequently attended the crafting of the research priorities of the College. 2. There are very few faculty members conducting research and extension activities which can be attributed to <i>high</i> teaching load and the demands of their strategic functions which take most of their time. 3. The lack of funding support and assistance from external funding agencies is evident which makes the research activities of the College not financially viable. 4. The dissemination of the research outputs of the unit is relatively low and seldom taken up or applied in practice by the intended beneficiaries. 5. There are very few action research conducted by the unit. 	<ol style="list-style-type: none"> 1. To craft workable research priorities and roadmap, the unit is encouraged to invite industry practitioners to provide answers on what the industry needs, guide them in the development of specific research programs to be conducted and assist in conducting sustainable research activities through technical and funding support. 2. To give time to the conduct of research activities, it is suggested that the teaching load of faculty members conducting research may be decreased, and encouraged to conduct research activities that are appropriate to their Academic Rank. Moreover, to compensate the research activities, the unit may device a plan to limit the researchers' strategic functions and designations. 3. It is recommended that faculty members conduct research under the priorities of funding institutions, both national and international, to gain financial support. It is also suggested that researchers who take leads for these mutual linkages be implemented not only on research but in other areas as well.

			<p>4. To disseminate the unit's research outputs, it is suggested that the researchers be engaged in various strategies such as, but not limited to, publication in books and refereed journal articles, conference presentations, media interviews, joining research exhibitions, publications in social media and debates participations with peer researchers, professional practitioners, policy makers and the general community as audience.</p> <p>5. The conduct of action research such as but not limited to employability of graduates of the program, employers' satisfaction assessment, level of dissemination and acceptability of VMGO, academic performance of its students, faculty performance etc. The results may be used as a tool in refining the institution's services and inputs in cultivating the teaching-learning process under the new normal.</p>
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<p>AREA VI: EXTENSION AND COMMUNITY INVOLVEMENT</p>	<ol style="list-style-type: none"> 1. The Institution's extension program, Unibersidad at Komunidad (UnIK) : A USM Integrated Sustainable Development Program for the Community, provide guidance in the conduct of extension activities for all its units. 2. The faculty extensionists of the unit are highly capable of conducting extension services. 	<ol style="list-style-type: none"> 1. There is a very little evidence of sustainability of the extension activities of the unit. 2. Limited evidence of planning, funding support, implementation, monitoring, evaluation, re-planning, retooling and dissemination of the extension activities are present. 3. The extension activities of the unit are limited to Capability Development/Skills Development Training activities. Other aspects of extension activities were not present. 4. The involvement of the BSCpE students on the conduct of the extension activities are limited. 	<ol style="list-style-type: none"> 1. The unit is encouraged to conduct Community Needs Assessment (CNA) study to develop and conduct extension activities which are sustainable and best suited and responsive to the needs of the beneficiaries. 2. It is highly recommended that the unit develop an Extension Strategic Development Plan which will guide the faculty extensionists in developing activities that are needed, sustainable and will help improve the lives of its beneficiaries. Moreover, it is suggested that said plan may include the strategies and systematic conduct of the extension activities from pre-implementation (including budget allotment) up to impact assessment activities. The plan is expected to compensate the BSCpE curriculum and the UnIK extension program of the University, as well.

			<p>3. The unit is encouraged to explore other areas of extension services such as research-based community extension activities (technology-transfer/technology promotion cum skills training programs) which provide high impact on improving the lives of its beneficiaries.</p> <p>4. It is highly recommended that the unit include its students in all phases of the extension activities as they are the new breed of technology generators. The results of these experiences may be used as inputs to new research ideas most highly needed by the community.</p>
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AREA VII: LIBRARY	<ol style="list-style-type: none"> 1. The Kundo E. Pahm Learning Resource Center (KEPLRC) provides diverse and relevant services that support the academic community's curricular, instructional, and information needs. 2. The learning resource center has a sufficient number of professionally competent, diverse, and empowered librarians to function excellently and successfully in an environment of continuous change. 3. The physical space features connectivity and up-to-date, adequate, well-maintained equipment and furnishings. It has pedagogical hubs to facilitate learning and also for the creation of new knowledge. 4. Library resources are integrated into the institutional website and other information portals. 5. Library personnel keep current with library technology, applications, and infrastructure and participate in ongoing training. 	<ol style="list-style-type: none"> 1. The KEPLRC basic collection/holdings vis a vis population ratio of 1:2 is far below the minimum requirement of CHED CMO 48 s. 1996, which is 1:5. 2. As reflected in the course syllabus, library resources like books and print and online journals are nominally used as references by faculty members. 3. The implemented policy for collection development approved per BOR No 098; S2016 lacks electronic/digital resources provisions. 4. Online library instruction is limited to the virtual orientation of policies and the introduction of onsite and online services. 5. The established virtual library has limited holdings, software/platform, and interface structure. 6. No empirical study using the sampling method has been conducted to assess the library performance or outcomes specific to services, resources, and facilities. 	<ol style="list-style-type: none"> 1. It is strongly recommended that the library prioritize immediate purchases of professional books and other reference materials to conform with basic collection ratio requirements stipulated in the CHED Circular Memorandum Order No 48. Likewise, on the provision of five (5) relevant book titles for each major subject within the last five (5) years stipulated in the CMO 22 series of 2021. 2. Library personnel may collaborate with faculty regarding ways to incorporate library collections and services in the course and assignment development. 3. Policy on access, preservation, and maintenance of the electronic collection be devised, subjected to external review, and approval by the appropriate policymaking body. 4. Prime, appropriate, and timely instruction in various contexts employing multiple learning platforms and pedagogies for academic success, research, and lifelong learning is highly encouraged.

	<ol style="list-style-type: none"> 6. The library contributes to external relations through communications, publications, events, and donor cultivation and stewardship. 7. KEPLRC showcases its service quality and effectiveness by establishing best practices worthy of emulation by other academic libraries. 	<ol style="list-style-type: none"> 1. The customer satisfaction survey for the last two years exhibited consistent feedback on low/limited internet speed. 2. Equal distribution in the procurement of books in every department or college is not reflected in the annual financial plan. 3. Some of the supporting documents in the outcomes benchmarks are similar to the system, input, processes, and implementation. 	<ol style="list-style-type: none"> 5. Upgrading the virtual library could be possible with the approval of the proposed E-Learning and E-Publication project. Likewise, the availability of multimedia equipment where you can record instructional video or audio content and databases containing training videos, podcasts, audio stories, and other media content be considered. 6. A research study employing quantitative, qualitative, or both designs may be considered for the continuous improvement of library facilities, resources, and service delivery. 7. The library may strengthen its internet connection by acquiring robust bandwidth or may use optical fiber for efficiency, reliability, and higher megabits per second (Mbps) for uploading and downloading speeds. 8. Formula on the equal distribution of the procurement of books in every department or college may be analyzed, designed, and implemented. 9. Develop a performance indicator that could remarkably articulate outcomes to showcase how the library contributes to student learning, collects evidence, documents successes, shares results, and makes improvements.
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AREA VIII: PHYSICAL PLANT AND FACILITIES	<ol style="list-style-type: none"> 1. Drinking water from the water supply of the campus is regularly tested for potability. 2. Medical and Dental clinics are managed by competent officers provided with equipment and medicines ready for use. 	<ol style="list-style-type: none"> 1. Student Centers are located in the same office with the student government. 2. Site plan is not properly displayed inside the school campus. 	<ol style="list-style-type: none"> 1. A separate room or office may be provided to be used as student center and may be installed with facilities and equipment for table games, music appreciation and video viewing. 2. For easy access of the different locations of buildings and offices a site plan may be displayed strategically in conspicuous places.

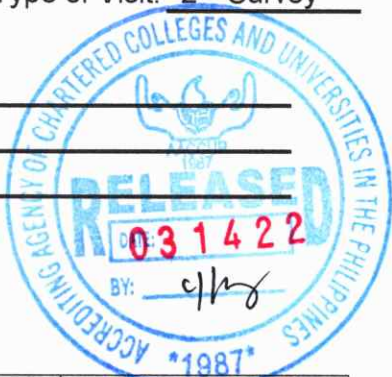
AREA OF ACCREDITATION	STRENGTHS	AREAS NEEDING IMPROVEMENT	RECOMMENDATIONS
<p>AREA IX: LABORATORY</p>	<ol style="list-style-type: none"> 1. The program is a recipient of Certificate of Program Compliance (COPC) from CHED ROXII which indicates that it conforms to the minimum requirements for the laboratories for BSCpE program. 2. The laboratory aides/technicians are skilled enough to assist the students in conducting laboratory activities. 	<ol style="list-style-type: none"> 3. There is little evidence that purchase of additional laboratory equipment and upgrades of laboratory facilities were included in the Annual Procurement Plan (APP) and Project Procurement Management Plan (PPMP) of the College. 4. The conduct of periodic inventory of the laboratory equipment is not evident. 5. There is limited evidence on the conduct of periodic maintenance and calibration of the laboratory equipment. 6. The conduct of first-aid trainings and other safety precaution measures in the laboratory is not evident. 7. There is little evidence that laboratory manuals developed by the faculty members are used in the laboratory courses. 	<ol style="list-style-type: none"> 1. For continuously improving the quality of its graduates and adhering to the limited face to face classes (stipulated in CMO 19 s2021), it is recommended that the unit may include, if budget permits, the purchase of additional laboratory equipment and upgrade its facilities for its professional courses in their Annual Procurement Plan (APP) and Project Procurement Management Plan (PPMP) 2. It is recommended that a periodic inventory of the laboratory equipment be included in the performance accomplishment of the laboratory person-in-charge. Such inventories may be signed correspondingly by the in-charge and authorized personnel. 3. The conduct of periodic maintenance and calibration of the laboratory equipment is highly recommended to be included in the unit's operational plan for each academic year. 4. It is recommended that the unit may conduct trainings on the safety precaution measures and first-aid applications in the laboratory set-up. It is also suggested that such trainings be included in the unit's operational plan for each academic year. 5. Copyrighted/patented laboratory manuals developed by faculty members are recommended to be used by the students of the program.

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AREA X: ADMINISTRATION	<ol style="list-style-type: none"> 1. The records office has a functional and automated recording system. 	<ol style="list-style-type: none"> 1. Student leaders are not involved in the conduct of budget preparation. 2. The dean of the College of Engineering is not a holder of a doctorate degree in Engineering or related fields. 3. There is no detailed and approved Faculty Development Plan. 4. The Strategic Development Plan is not approved by the Board of Regents. 	<ol style="list-style-type: none"> 1. During budget preparation the administration may invite student leaders to attend the deliberations. 2. The administration may allocate budget through its Faculty Development to encourage the faculty to pursue their doctorate degree in Engineering or related fields. 3. The administration may formulate a consolidated Faculty Development Plan with appropriate budget allocation for faculty enhancement. 4. Strategic Development Plan may be submitted to the Board of Regents for approval.

AACCUP TECHNICAL REVIEW AND BOARD ACTION

S U C: University of Southern Mindanao
Address: Kabacan, North Cotabato Region: XII
College/Dept.: _____
Program: BS in Computer Engineering Type of Visit: 2nd Survey
Components/Majors:

Date of Survey: Nov. 29-Dec. 3, 2021



SUMMARY OF RATINGS:

AREA	WEIGHT	MEAN	WEIGHTED MEAN
I. Vision, Mission, Goals and Objectives	---	3.81	---
II. Faculty	8	3.58	28.64
III. Curriculum and Instruction	8	3.82	30.56
IV. Support to Students	8	4.04	32.32
V. Research	5	3.14	15.70
VI. Extension and Community Involvement	4	3.03	12.12
VII. Library	5	3.95	19.75
VIII. Physical Plant and Facilities	3	3.71	11.13
IX. Laboratories	4	3.18	12.72
X. Administration	5	3.80	19.00
Overall Total	50		181.94
Grand Mean	3.64		
Descriptive Rating	Very Satisfactory		

CRITERIA TO PASS THIS LEVEL:

- | | |
|--|-------------|
| 1. <u>Minimum Grand Mean</u> required to qualify for this Level (status) | <u>3.50</u> |
| 2. <u>Minimum Area Mean</u> required to qualify for this Level (status) | <u>3.00</u> |

RECOMMENDED BOARD ACTION:

1. Award: Level II Re-accredited Effective: December 16, 2021 – December 15, 2025
May apply for the next survey starting: _____
2. Defer the award: _____ And, revisit: _____

3. Starting: _____ But not later than: _____
Meantime, the program may retain/enjoy: _____
_____ Status, until: _____

[Signature]

ASSESSED BY (ACCREDITORS):

1. The Team Leader's/Area III – Curriculum *and* Instruction is evaluated by a Lead Yes
Accreditor whose field of specialization is the same as, or closely allied to, the
program under assessment.

Team Leader:	PROF. POINSETTIA A. VIDA
Specialization/s:	
Rank/Designation/SUC:	Cavite State University

2. The Team Member field of specialization is the same as, or closely allied to, the Yes
program under assessment.

Accreditor:	ENGR. NELSON E. BAITO
Specialization/s:	
Rank/Designation/SUC:	Northern Iloilo Polytechnic State College

3. Area VII – Library is evaluated by a licensed librarian-accreditor. Yes

Accreditor:	PROF. RUVY M. TUBLE
Specialization/s:	
Rank/Designation/SUC:	Carlos Hilado Memorial State College

SUGGESTIONS: (Checked items only)

Regular Accreditation Survey Visits

- ☒ Carry out measures to
✓ improve the rating of all areas
✓ carry out the recommendations of the Survey Team that conducted the latest survey visit.
- ☒ Conduct a Self-Survey of the Program in the 3rd Quarter 2025 to determine its readiness for
the next survey visit.
- ☒ Prepare an updated Program Performance Profile (PPP) using the AACCUP format.
- ☒ Apply for the conduct of the next survey visit in the 3rd Quarter 2025 (at least two (2) months
before the desired date of survey visit, attaching a copy of the PPP.)
- ☐ Others _____

Revisits

- ☐ Adopt measures to
✓ improve the rating of the area/s to be revisited
✓ carry out the recommendations of the Survey Team that conducted the latest survey visit.
- ☐ Conduct a Self-Survey of the area/s affected in the _____ to determine its/their
readiness for the revisit.
- ☐ Prepare an updated Program Performance Profile (PPP) of only the area/s affected using
the AACCUP format.
- ☐ Apply for the conduct of the revisit in the _____ (at least two (2) months before
the desired date of revisit.)
- ☐ Others _____

Consolidated *and* Reviewed By:



