Admitted students are required to enroll in a three credit hour pre-departure course ENR 5790.11. ENR 5790.11 is offered during spring semester, immediately preceding the in-country program. Students will enroll in ENR 5797.11, a three credit hour course during summer term, 4-week, session 1 which encompasses the in-country program, as well as post-travel coursework students will enroll in four weeks (Summer Term, 4-week Session 1) of field studies focused on applied, service-learning projects in the Same District, Kilimanjaro Region, Tanzania that contribute to the sustainability of a partnered community’s long-term food, water, energy, and health systems in conjunction with the Civil, Environmental, and Geodetic Engineering (CEGE) capstone program. In addition to participating in service in a global context, you will explore the complex challenges and opportunities of sustainable development in rural Tanzania.

Instructors:
For students enrolled through SENR
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For students enrolled through CEGE
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Ohio State Civil, Environmental, and Geodetic Engineering
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This course focuses on:
1) An in-country experiential learning program working with an identified community on specific water, gender, energy and/or health development projects in rural Tanzania,
2) The participation in a service program and managing this project across four stages (i.e., design, implementation, evaluation and reporting).

In this course students will:
1) Pilot a community development project in collaboration with a Tanzanian-based rural community agency based upon locally-identified and agreed upon community needs and pre-existing community assets,
2) Draw upon the material from the Spring Semester pre-travel course to evaluate and explain critical issues (theoretical and practical) impacting community engagement (e.g., social, cultural and political capital) in relation to addressing food, water, energy and health development needs,
3) Implement evidence-based evaluation models and their role in building capacity and enhancing sustainability.

When this course is completed, students will be able to:
1) Describe the impact that development interventions have on communities,
2) Engage more effectively in intercultural communications both personally and professionally,
3) Demonstrate the process for designing, implementing and evaluating a development project in an international community,
4) Apply knowledge of community and development theory and practice to formulate strategies to improve community resilience and sustainability in rural, Tanzanian community contexts.

In-Country Field Study: Implementation
This section will be delivered in Tanzania and will include:
- An orientation program delivered by Tanzanian partner community members. This program will be designed and tailored to meet the cultural, social and learning needs of the students in relation to their project commitments and local customs, and will include a tour of the local district /area,
- An initial period of shared knowledge exchange with their collaborating partner to advance the relationship and reinforce their shared understanding and timeline for project implementation,
- Dedicated project implementation time,
- Regularly programmed group reflective/ monitoring and feedback sessions with students, collaborator partners, and invited community members,
- Ongoing documentation of the implementation phase (e.g., photographic, video, audio, written / journal) with input from partner collaborators and end-user community beneficiaries,
- One-on-one and small group mentoring/support from the in-country, SRTC staff team,
- Free time with options for programmed social and cultural activities.

Post-travel: Evaluation and Reporting
In the section the students will:
- Examine and finalize formats and models for evaluation reporting,
- Investigate issues of community-level food, energy, water and health program sustainability relative to individual, student projects and collective set of SRTC group and other community projects,
- Submit an evaluation report with appropriate project documentation and recommendations following SRTC final project reporting template, including a complete and finalized “Qlik-ready” database.
Required Course Assignments

<table>
<thead>
<tr>
<th>Course Assignments*</th>
<th>Due Date</th>
<th>Point Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation and participation in evening group meetings</td>
<td>Each night</td>
<td>20 points</td>
</tr>
<tr>
<td>Three reflection activities, including both journal and</td>
<td>TBD</td>
<td>10 points each</td>
</tr>
<tr>
<td>group activities</td>
<td></td>
<td>= 30 points total</td>
</tr>
<tr>
<td>Final project with appropriate project documentation and</td>
<td>May 25 (draft)</td>
<td>30 points</td>
</tr>
<tr>
<td>recommendations in a standardized template</td>
<td>TBD (final</td>
<td></td>
</tr>
<tr>
<td>• includes a complete and finalized “Qlik-ready”</td>
<td>submission)</td>
<td></td>
</tr>
<tr>
<td>database</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall program activity, attendance and participation</td>
<td>May 10 – May</td>
<td>20 points</td>
</tr>
<tr>
<td></td>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>

Total 100 points

*Final course assignment details will be provided by May 19

Program Attendance and Participation will be assessed throughout this course based upon your participation in small and full group discussions, reflection/individual assignments, and during all project activities. Please limit the use of technological devices (tablets, laptop computers, mobile phones) in class to only course material when we are in group/project work sessions.

Grading Scheme
We will use the OSU Standard Grading Scheme. Course is comprised of 100 total points.

- A ≥ 93% = 93 points
- A- 90%
- B+ 87%
- B 83%
- B- 80%
- C+ 77%
- C 73%
- C- 70%
- D+ 67%
- D 60%
- E < 60%

Academic misconduct of any kind will not be tolerated. Examples of academic misconduct include, but are not limited to, cases of plagiarism and dishonest practices in connection with examinations and laboratory exercises. See Code of Student Conduct: Rule 3335-31-02. This and other rules can be found in the Resource Guide for Students or in the back of the Student Telephone Directory. Individual effort is expected on all assignments. If you have a question about approaches and procedures that might constitute academic misconduct, see the instructor. Statement about the availability of accommodations. If an accommodation based on the impact of a disability is needed, students should contact the instructor to arrange an appointment as soon as possible. At the appointment the course format can be discussed and any needs and potential accommodations can be anticipated. This class relies on the Office For Disability Services for assistance in verifying the need for accommodations and developing accommodation strategies. If students have not previously contacted the Office for Disability Services, they are encouraged to do so if appropriate to their needs.
Day 1: Thursday, May 10, 2018
Arrival at Kilimanjaro airport, meet and greet and transfer to Moshi Town in Land cruiser safari vehicles.
Overnight at Bristol Cottages on bed and breakfast basis.

Day 2: Friday, May 11, 2018
After breakfast check out from lodge and proceed towards Same area. Check in at Elephant Motel, you will meet Kateri from Kiho and spend the rest of the day on your project work.
Overnight at Elephant Motel on bed and full board basis.

Day 3: Saturday, May 12, 2018 to Day 17: Saturday, May 26, 2018
Day on project work in Marwa (or Same) except days off on May 13, 19, 20 and 26.
Overnight at Elephant Motel on bed and full board basis.

Day 18: Sunday, May 27, 2018
After breakfast check out from Elephant Motel and transfer to Arusha Town. Packed lunch for all guests Stop at Marangu waterfalls Dinner and Overnight at Venus Hotel on Full board basis.

Day 19: Monday, May 28, 2018
After breakfast check out from Venus Hotel and proceed to Lake Manyara national park for day game drive with pack lunches. Around 1600hrs start proceeding towards Ngorongoro conservation area, Dinner and overnight at Ngorongoro Sopa on full board basis (dinner, breakfast with packed lunch)

Day 20: Tuesday, May 29, 2018
After breakfast check out from Ngorongoro Sopa lodge and proceed to Ngorongoro crater. Descend into the crater for full day crater tour with pack lunches. {We’d prefer to stay in Crater for full 24 hour permit period.}, around 1600hrs start coming back to Arusha Town. Later transfer to Venus Hotel. Dinner and overnight at Venus Hotel on full board basis (Dinner, breakfast and Lunch)

Day 21: Wednesday, May 30, 2018
After breakfast check out of hotel to proceed to Kilimanjaro Airport for Ethiopian flight home.